

Appendix B – Large Format Images Oklahoma Earthquake Summary Report 2014

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Appendix B – Large Format Images

Figure B1. Map showing focal mechanisms calculated for magnitude 3.5 and greater earthquakes in Oklahoma.

Figure B2. Map showing maximum horizontal stress within Oklahoma approximated from focal mechanisms of strike-slip faults (green bars), normal faults (red bars) and thrust faults (blue bars).

Figure B3. Map showing all 5,417 Earthquakes reported in 2014 by the OGS.

Figure B4. Map showing all HYPODD relocated earthquake hypocenters (cyan dots) in Oklahoma for 2014.

Figure B5. Earthquakes reported as felt by the public to the OGS or the “USGS Did You Feel It?” website, totaled 967 and color-coded by assigned maximum Modified Mercalli Intensity (MMI).

Figure B6. Map showing all cataloged earthquakes equal to and above a magnitude 3.0 in Oklahoma, highlighting 2014 (green dots), and historical 1882 - 2013 (cyan dots).

Figure B7. Map showing all cataloged earthquakes equal to and above a magnitude 4.0 in Oklahoma, highlighting 2014 (red dots), and historical 1882 - 2013 (blue dots).

Figure B8. Map showing all seismic stations operating in 2014 within Oklahoma. Showing stations owned and operated by OGS (red triangles), stations owned by USGS (blue triangles), OKRaH stations owned by IRIS (green triangles), and additional stations (orange triangles).

Figure B9. Map of Oklahoma Counties.

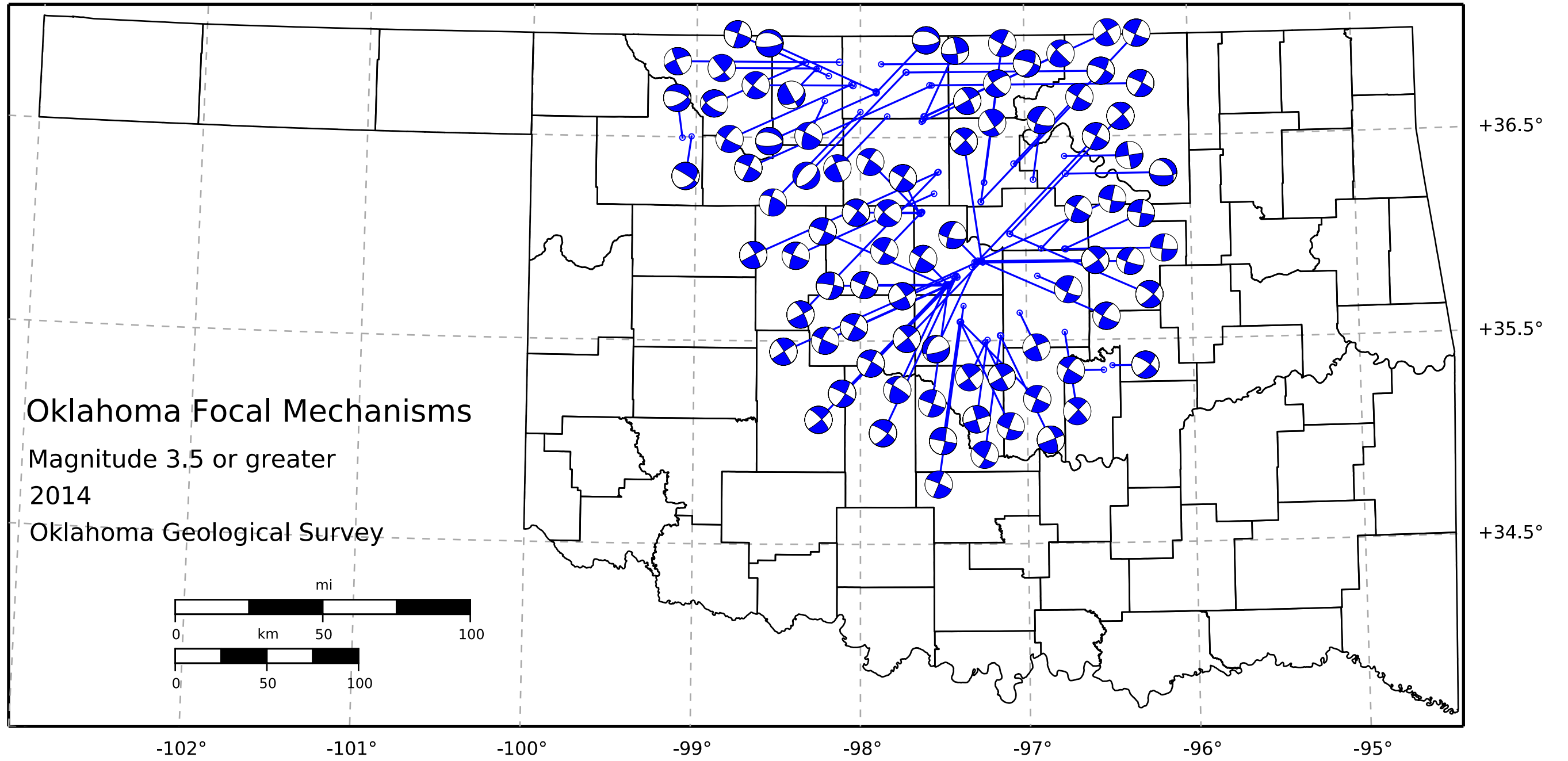


Figure B1. Map showing focal mechanisms calculated for magnitude 3.5 and greater earthquakes in Oklahoma.

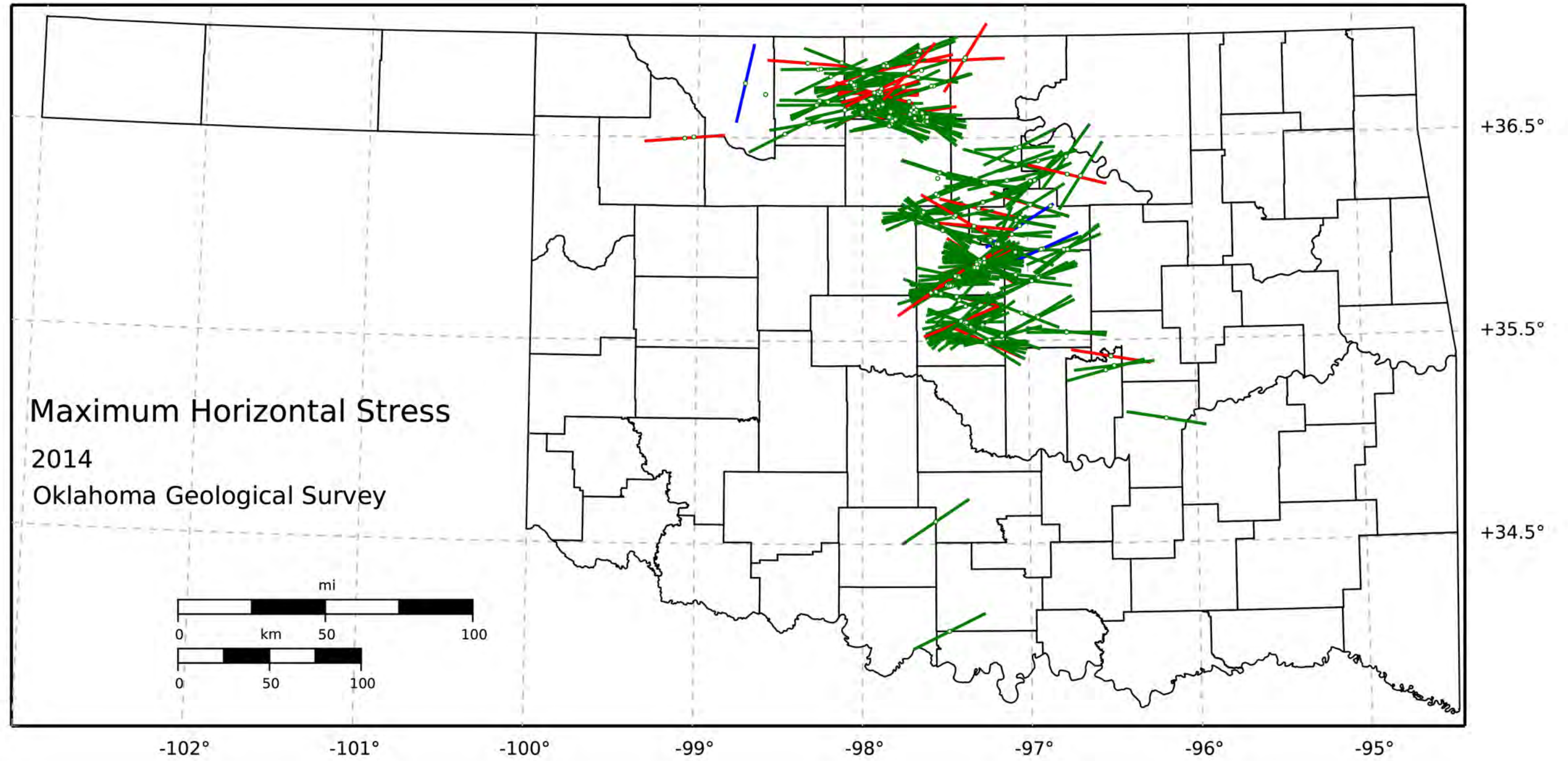


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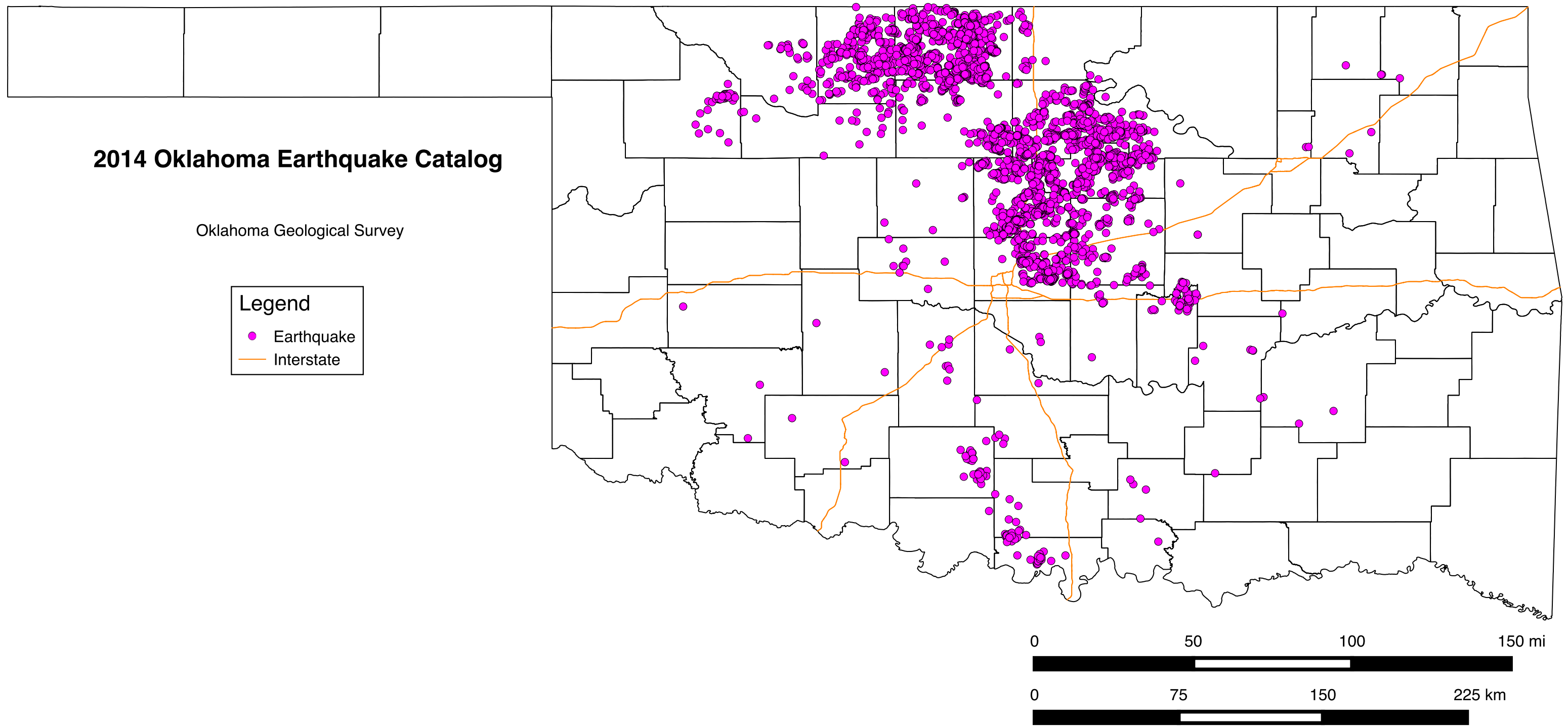


Figure B3. Map showing all 5,417 Earthquakes reported in 2014 by the OGS.

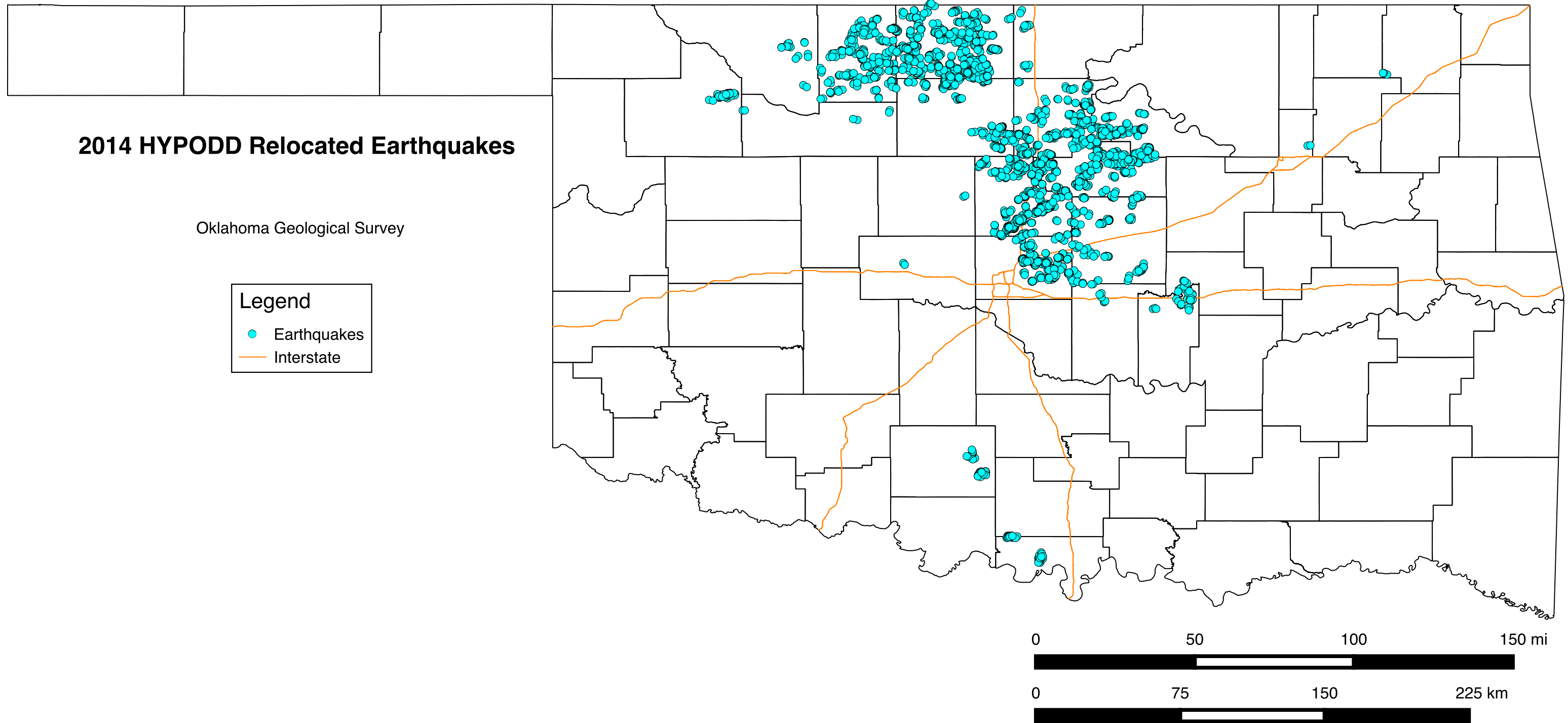


Figure B4. Map showing all HYPODD relocated earthquake hypocenters (cyan dots) in Oklahoma for 2014.

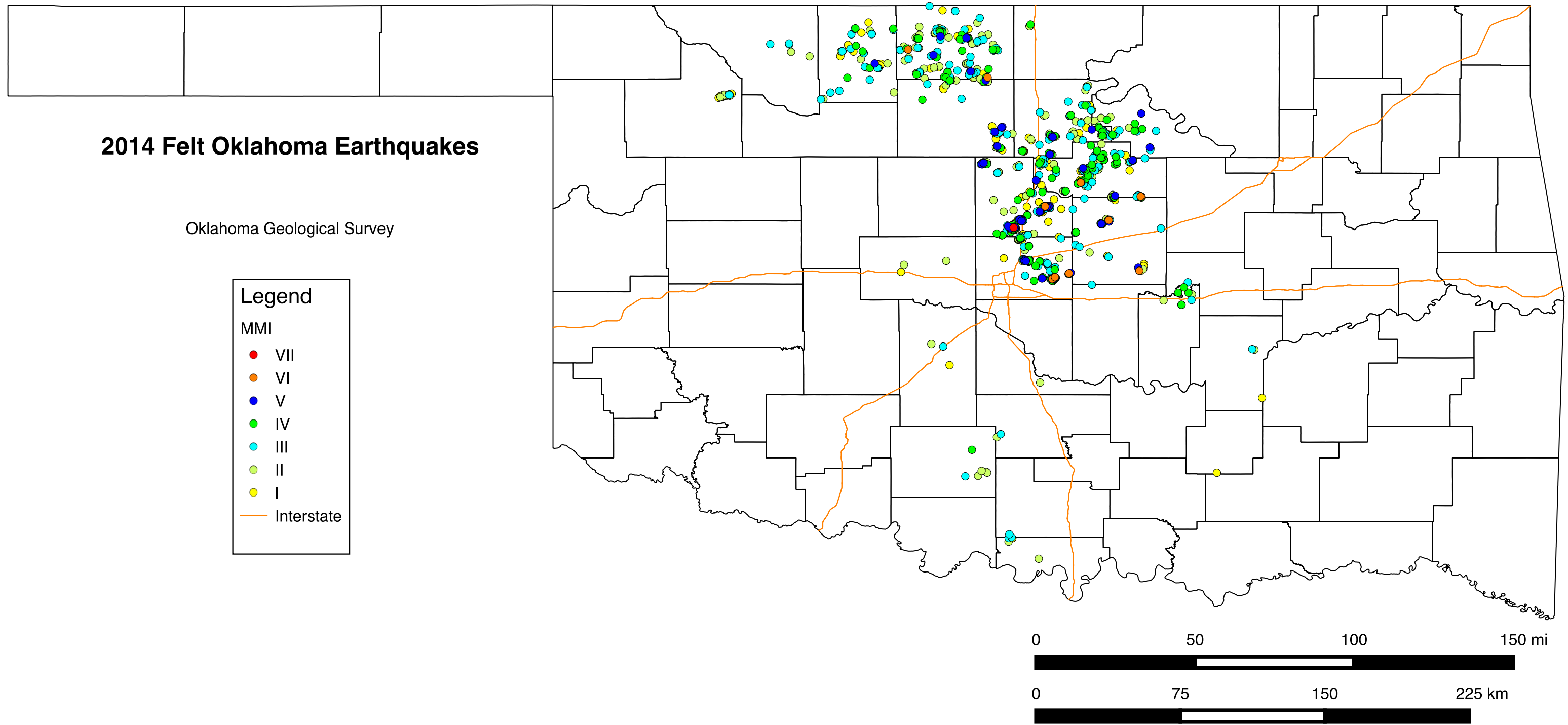


Figure B5. Earthquakes reported as felt by the public to the OGS or the “USGS Did You Feel It?” website, totaled 967 and color-coded by assigned maximum Modified Mercalli Intensity (MMI).

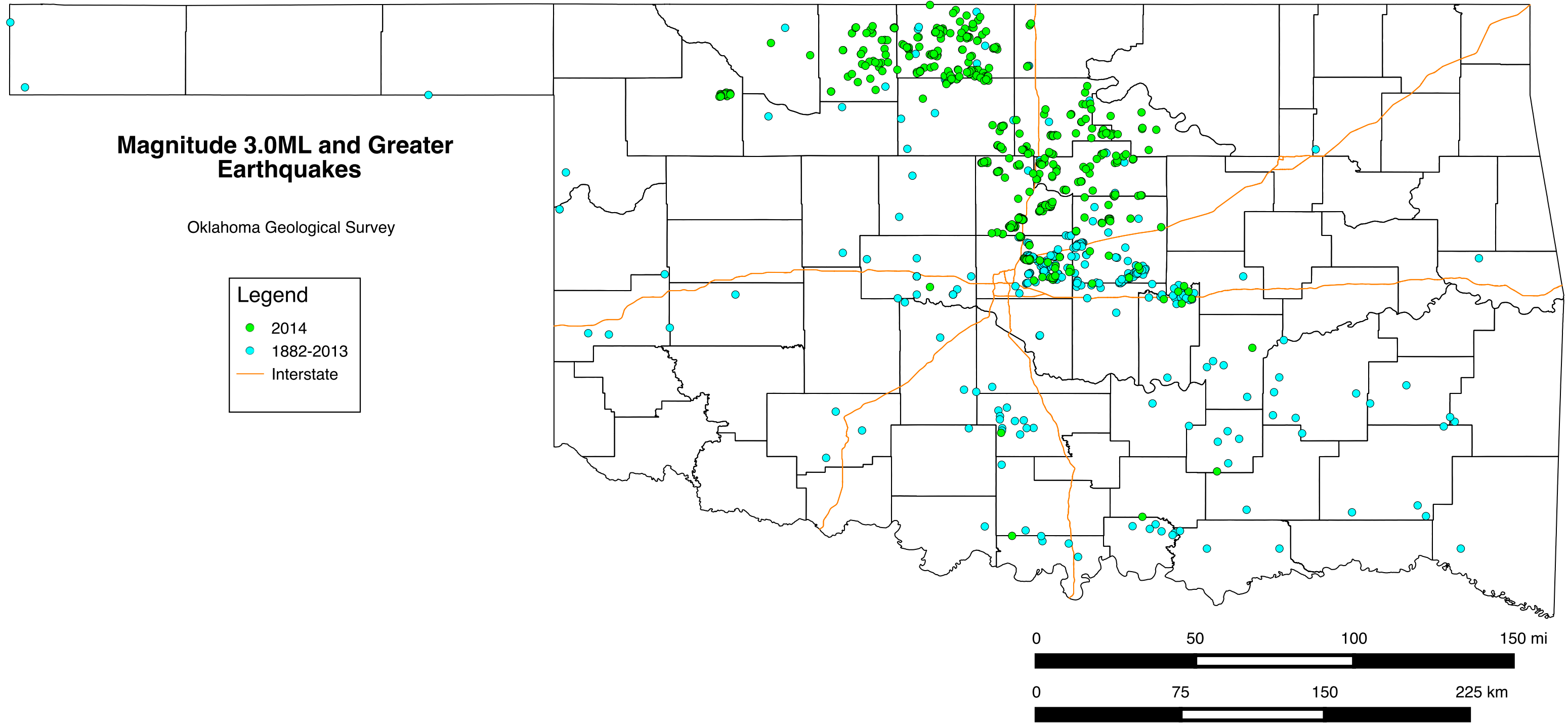


Figure B6. Map showing all cataloged earthquakes equal to and above a magnitude 3.0 in Oklahoma, highlighting 2014 (green dots), and historical 1882 - 2013 (cyan dots).

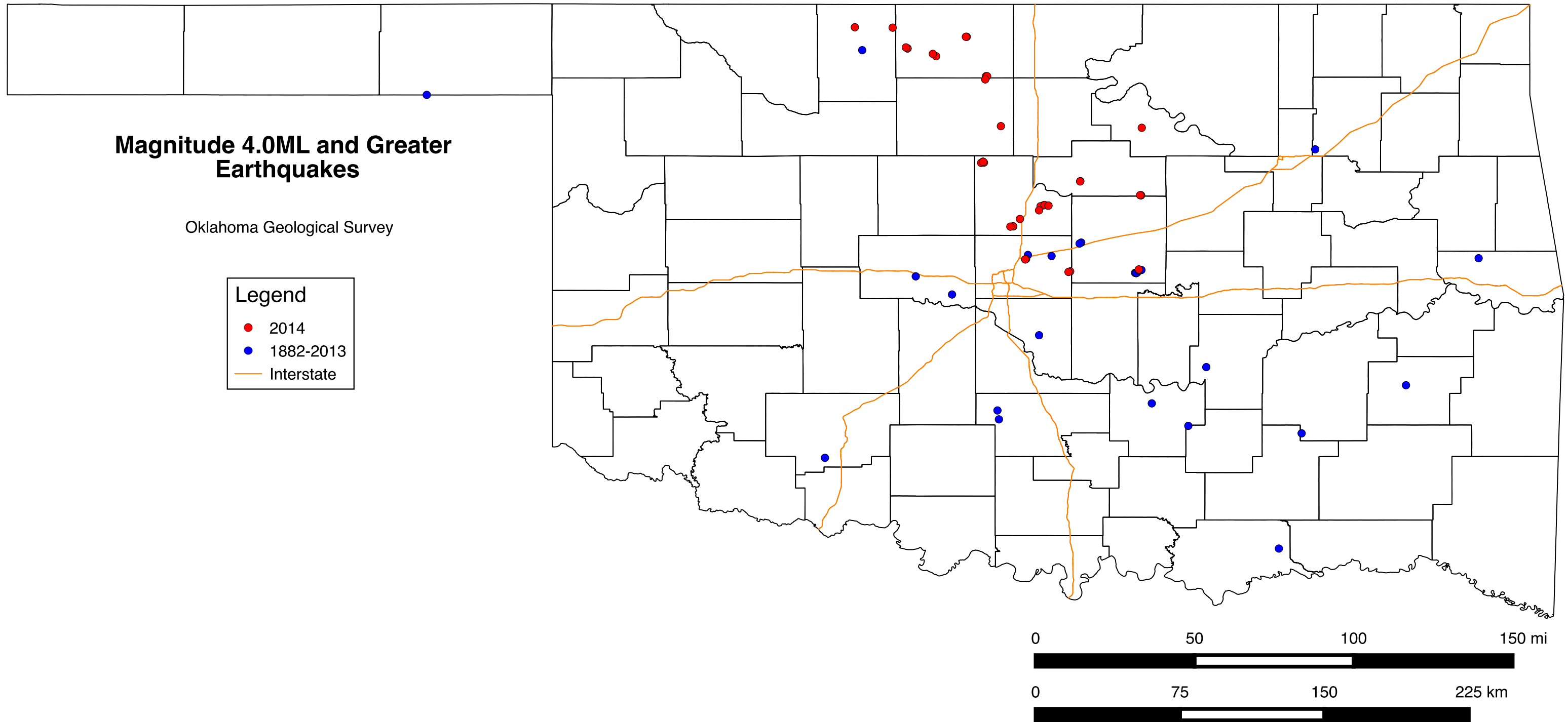


Figure B7. Map showing all cataloged earthquakes equal to and above a magnitude 4.0 in Oklahoma, highlighting 2014 (red dots), and historical 1882 - 2013 (blue dots).

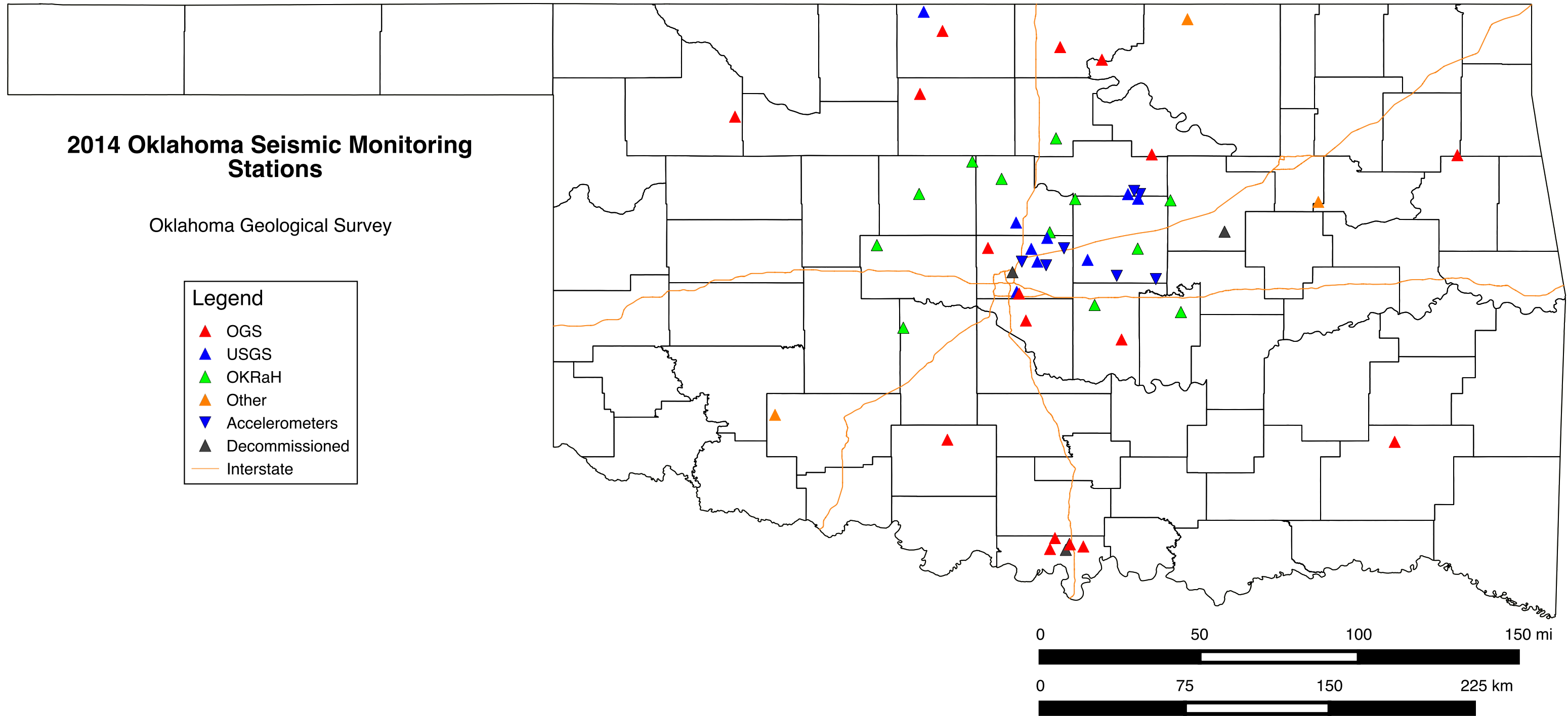


Figure B8. Map showing all seismic stations operating in 2014 within Oklahoma. Showing stations owned and operated by OGS (red triangles), stations owned by USGS (blue triangles), OKRaH stations owned by IRIS (green triangles), and additional stations (orange triangles).

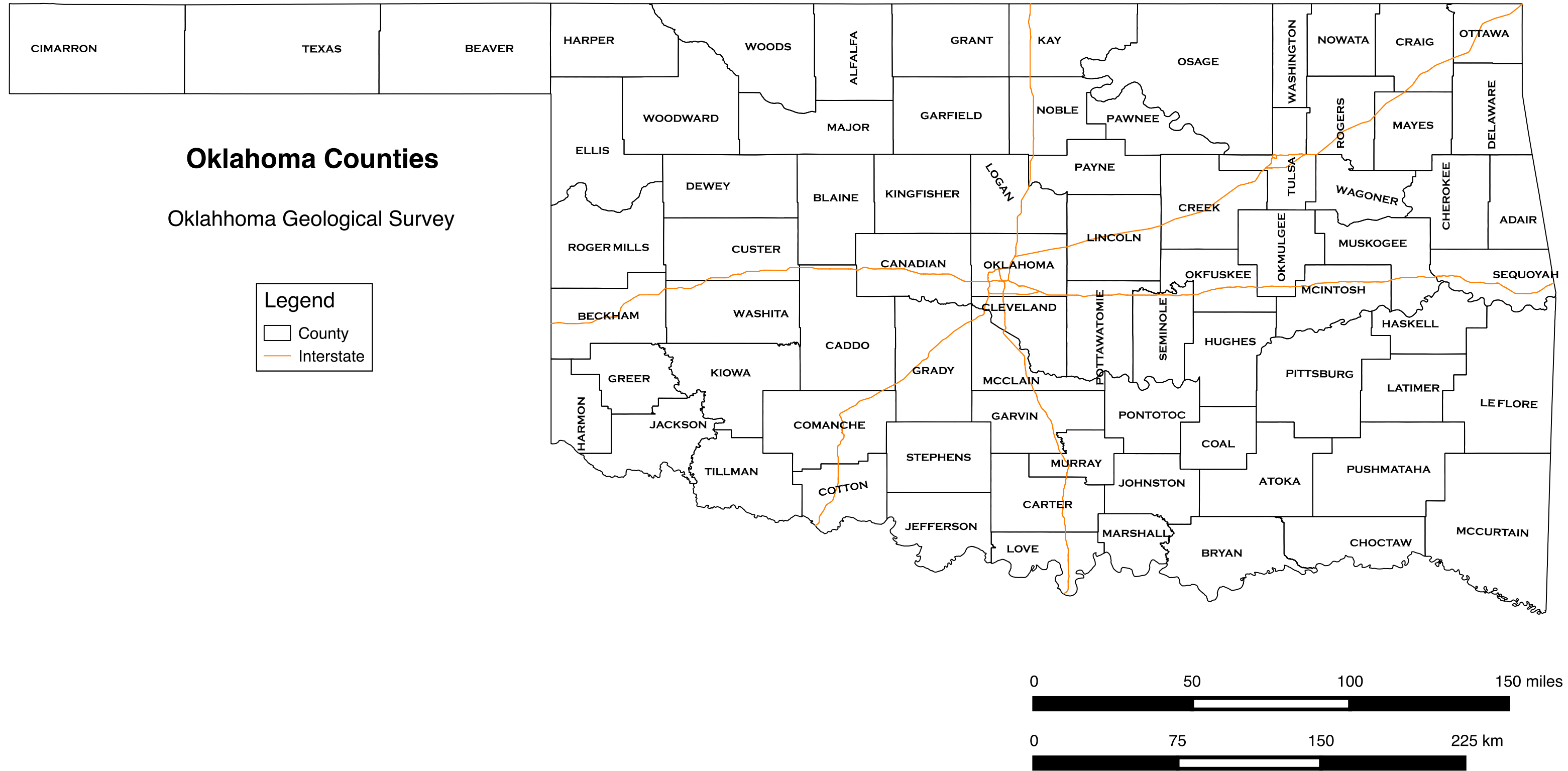


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