

Legend

- Preparedness Areas
- State Capital
- County Seat
- Other

Road Classification

- Freeway or Other Major Road
- Major Road Less Important than a Freeway
- Other Major Road
- Secondary Road
- Local Connecting Road
- fe_2007_us_state00
- fe_2007_35_county

Number-of-Layer Classes:

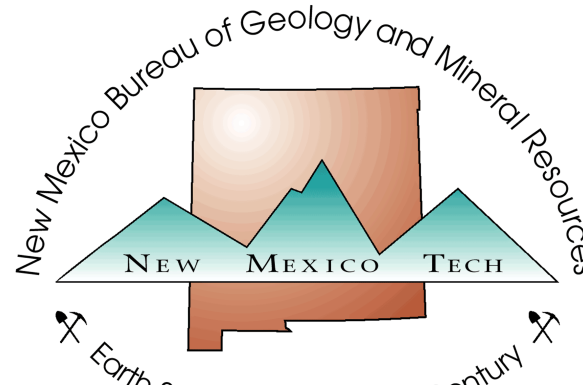
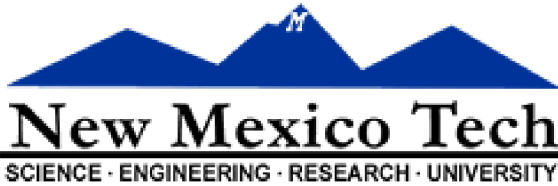
- 2 - 4 Areas with small minority of correlative proxies; susceptibilities are not reliable.
- 4 - 7 Areas with minority of correlative proxies; contributing proxies to total susceptibility should be reviewed.
- 7 - 9 Areas with majority of correlative proxies; susceptibilities are likely to be biases by a minority of reliable proxies and should be reviewed.
- 9 - 10 Areas with strong majority of correlative proxies; susceptibilities are reliable.
- 10 - 12 Areas with almost all correlative proxies; susceptibilities are reliable.

Collapsible Soil Susceptibility Map: Number of Proxies

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Comments to Map Users

This map shows the number of proxies used at each point to estimate the potential for a given area to host collapsible soils, i.e. soils prone to rapid setting as a result of a combination of applied load and concentrated water percolation (hydrocompaction). Susceptibility was inferred from a quality-weighted overlay summation of multiple layers of susceptibility ratings based on expert evaluation of proxy data correlative with the occurrence of collapsible soils. Susceptibility refers only to the propensity for a set of landscape and climatic conditions to result in collapsible soil hazards; this map does not locate areas that will or will not have collapsible soils. This map is intended for use at a spatial scale of 1:750,000 for regional planning purposes and for determining where more detailed studies may be needed. This map is neither intended nor adequate for risk assessment, nor is the map intended or adequate for site-specific assessments of collapsible soil hazards. The New Mexico Bureau of Geology and Mineral Resources shall not be liable under any circumstances for any direct, indirect, special, incidental, or consequential damages with respect to claims by users of this product.

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