



Uranium resources in New Mexico

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Uranium occurrence (McLemore, 1983a); occurrences outside of colored areas have an accumulation of uranium less than 0.005% U₃O₈.

Uranium mine/property with production; mines in Grants and Shiprock uranium districts are not shown.

DH Subsurface uranium occurrence or deposit.

Th Thorium-rich area (greater than 100 ppm Th).

- 26 Area underlain by the Morrison Formation (Jurassic) where depth to top of Morrison is less than 5,000 ft.
- 27 Area underlain by the Ogallala Formation (Tertiary).

- CONTACTS AND FAULTS**
- Contact of area underlain by Morrison Formation (Jurassic) or Ogallala Formation (Tertiary); area boundary based on outcrop exposure of the basal contact of the formations with older rocks; dotted where concealed (New Mexico Geological Society, 1982; Chapman, Wood, and Griswold, Inc., 1979).
- Approximate 5,000-ft-depth contour to the top of the Morrison Formation (Jurassic).
- Fault; ball and bar on downthrown side.
- Approximate outline of physiographic provinces (modified from New Mexico Geological Society, 1982; J. Hawley, D. Love, written communication 1989).
- Caldera (modified from New Mexico Geological Society, 1982; McIntosh, 1989; McIntosh et al., 1986; Peterson, 1976; Ratté, 1981; Ratté et al., 1979, 1984).
- County seat
- State highway
- Interstate highway
- Railroad
- U.S. highway
- Narrow-gauge railroad