

Fig. 5: Map showing seismic monitoring stations formerly maintained by the U.S. Dept. of Energy to monitor nuclear testing, that must now be removed. The Dept. of Energy no longer funds the detection of earthquakes throughout southern Nevada.

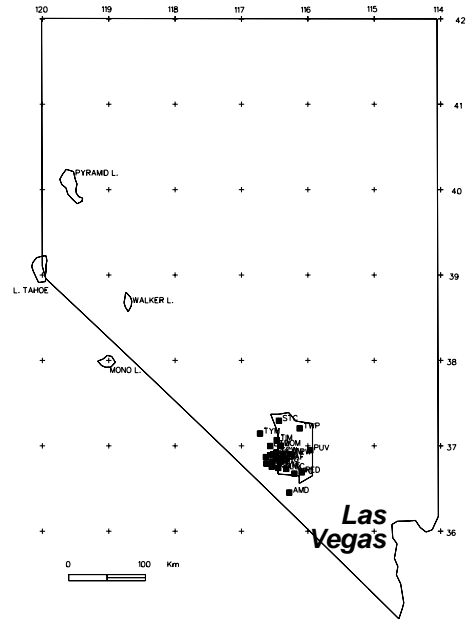


Fig. 6: Map showing earthquake monitoring stations now being maintained by the U.S. Dept. of Energy to monitor the seismic activity of the proposed high-level nuclear waste repository at Yucca Mountain. Although the development of this network makes advanced technologies available to the Seismological Lab, these stations cannot detect or locate earthquakes beyond the vicinity of Yucca Mountain.

Fig. 7: Map showing earthquake monitoring stations now maintained by the UNR Seismological Lab and the U.S. Geological Survey, for earthquake detection and seismic-hazard assessment. Gray ovals denote digital stations, including the locations of the high-quality equipment recently funded by the Keck Foundation. New Keck funds will allow upgrade of some of the digital stations, and expansion of high-quality monitoring equipment installations to eastern Nevada, the northern Sierra, and the vicinity of Las Vegas.

