

**Recent Earthquake Activity in the USA**

**Magnitude 4.0 - NEW MEXICO**  
**2004 May 23 09:22:05 UTC**
**Preliminary Earthquake Report**

U.S. Geological Survey, National Earthquake Information Center  
World Data Center for Seismology, Denver

A light earthquake occurred at 09:22:05 (UTC) on Sunday, May 23, 2004. The magnitude 4.0 event has been located in NEW MEXICO. (This event has been reviewed by a seismologist.)

**Magnitude** 4.0

**Date-Time** **Sunday, May 23, 2004 at 09:22:05 (UTC)**  
 = Coordinated Universal Time  
**Sunday, May 23, 2004 at 3:22:05 AM**  
 = local time at epicenter

**Time of Earthquake in other Time Zones**

**Location** 32.533°N, 104.563°W

**Depth** 5 km (3.1 miles) set by location program

**Region** **NEW MEXICO**

**Distances** 33 km (20 miles) WNW (286°) from **Carlsbad North, NM**

33 km (21 miles) WNW (294°) from

**Carlsbad, NM**

35 km (22 miles) SSE (153°) from **Hope, NM**

194 km (120 miles) ENE (64°) from **El Paso, TX**

728 km (453 miles) W (270°) from **Dallas, TX**

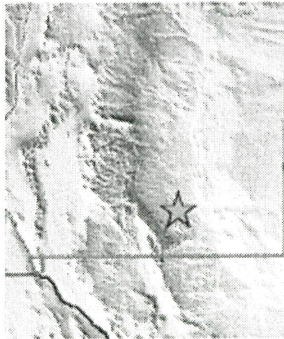
**Location** horizontal +/- 5.8 km (3.6 miles); depth fixed

**Uncertainty** by location program

**Parameters** Nst= 13, Nph= 13, Dmin=41.1 km,  
 Rmss=0.64 sec, Gp= 68°,  
 M-type=body magnitude (Mb), Version=Q

**Source** USGS NEIC (WDCS-D)

**Event ID** usivag



*~46 miles  
 WNW (283°)  
 from WIPP*

**Tectonic Summary**
**Location Maps:**

040528

