

Earthquake # 1

Since 1973 (when recording of earthquakes in the US became more precise and organized), the three most powerful earthquakes to hit New Mexico were all of magnitude 5.0. This earthquake, the first of these three, occurred during the night of January 4-5, 1976.

In locations near the earthquake's epicenter, the event was felt by everybody. Only buildings in poor repair felt significant damage. Most other damage was on the level of things falling off of shelves.

Table 1: Data for Earthquake 1.

Reporting Station	P-wave Onset Time (MST)	S-wave Onset Time (MST)
Alamogordo	23:24:37.1	23:25:22.4
Albuquerque	23:24:01.4	23:24:21.1
El Paso	23:24:52.3	23:25:48.5
Las Cruces	23:24:41.4	23:25:29.8
Santa Fe	23:24:08.2	23:24:32.8
Socorro	23:24:12.2	23:24:39.6

Earthquake # 2

Since 1973 (when recording of earthquakes in the US became more precise and organized), the three most powerful earthquakes to hit New Mexico were all of magnitude 5.0. This earthquake, the second of these three, occurred during early in the morning on January 2, 1992.

This earthquake was felt by most people in the area, but did not cause significant damage, aside from knocking over a few small objects like vases.

Table 2: Data for Earthquake 2.

Reporting Station	P-wave Onset Time (MST)	S-wave Onset Time (MST)
Alamogordo	04:46:20.6	04:46:52.9
Albuquerque	04:46:49.0	04:47:41.6
El Paso	04:46:28.9	04:47:07.1
Las Cruces	04:46:32.2	04:47:12.8
Santa Fe	04:46:50.0	04:47:43.4
Socorro	04:46:41.3	04:47:28.3

Earthquake # 3

Since 1973 (when recording of earthquakes in the US became more precise and organized), no earthquakes greater than magnitude 5 have hit New Mexico. Only three have been at magnitude 5.0, and this earthquake is the most recent of these three. It occurred quite recently: during the afternoon of August 10, 2005.

Reports indicate that this earthquake was powerful enough to be felt, and caused clearly visible effects (like sloshing liquid, wobbling furniture, parked cars rocking) but no significant damage.

Table 3: Data for Earthquake 3.

Reporting Station	P-wave Onset Time (MDT)	S-wave Onset Time (MDT)
Alamogordo	16:09:38.0	16:10:31.9
Albuquerque	16:09:05.8	16:09:36.7
El Paso	16:10:00.0	16:11:09.7
Las Cruces	16:09:51.6	16:10:55.4
Santa Fe	16:08:50.7	16:09:10.9
Socorro	16:09:23.5	16:10:07.1

Earthquake # 4

Since 1973 (when recording of earthquakes in the US became more precise and organized), all earthquakes that have hit New Mexico have been of magnitude 5.0 or less. This earthquake, one of the most powerful New Mexico earthquakes in recent history, was a magnitude 4.8. It occurred on the morning of January 29, 1990.

In locations near the earthquake's epicenter, the event was felt by everybody. Only buildings in poor repair felt significant damage. Most other damage was on the level of broken dishware, or things falling off of shelves.

Reporting Station	P-wave Onset Time (MST)	S-wave Onset Time (MST)
Alamogordo	06:16:42.3	06:17:05.0
Albuquerque	06:16:22.7	06:16:31.3
El Paso	06:17:00.1	06:17:35.5
Las Cruces	06:16:49.7	06:17:17.7
Santa Fe	06:16:37.1	06:16:56.0
Socorro	06:16:18.4	06:16:24.0

Table 4: Data for Earthquake 4.

Earthquake # 5

Since 1973 (when recording of earthquakes in the US became more precise and organized), all earthquakes that have hit New Mexico have been of magnitude 5.0 or less. This earthquake, one of the most powerful New Mexico earthquakes in recent history, was a magnitude 4.7. It occurred during the night of November 28-29, 1989.

This earthquake was felt by most people in the area, but did not cause significant damage, aside from knocking over a few small objects like vases.

Reporting Station	P-wave Onset Time (MST)	S-wave Onset Time (MST)
Alamogordo	23:55:10.2	23:55:32.9
Albuquerque	23:54:50.6	23:54:59.2
El Paso	23:55:27.9	23:56:03.3
Las Cruces	23:55:17.5	23:55:45.5
Santa Fe	23:55:05.0	23:55:24.0
Socorro	23:54:46.3	23:54:51.8

Table 5: Data for Earthquake 5.