TriNet

Earthquake Commentary for February, 2001

Map of recent earthquake activity

Did you feel it?

Send comments and suggestions to:kate@gps.caltech.edu

07:37 PST, Monday, February 26

At 4:11 pm yesterday (Sunday), there was a M3.5 Hector aftershock. The location was 39 miles north of Joshua Tree. We have no reports of anyone feeling it.

11:37 PST, Sunday, February 25

At 6:25 pm last night (Saturday), there was a M2.9 quake located 11 miles northeast of Olancha, in southern Owens Valley. We have so far received no 'felt' reports on it.

09:41 PST, Saturday, February 24

Some of you in the Antelope Valley may have felt a quake at 10:10 pm last night. The magnitude was ML3.8, and the epicenter was located 10 miles northeast of Boron, or 33 miles west-northwest of Barstow. There were 'felt' reports from as far away as Victorville and the southern Owens Valley.

17:20 PST, Thursday, February 22

We have recorded and located 251 earthquakes in the last week. Click here to see a summary and map .

17:28 PST, Friday, February 16

We have recorded and located 303 earthquakes in the last week. Click here to see a summary and map .

16:35 PST, Wednesday, February 14

Two more earthquakes have been added to the list of aftershocks M3.0 or greater to the M5.1 earthquake of last Saturday:

M3.1 Wednesday, Feb 14th 11:25 am -4 mi NNW of town of Big Bear Lake, CA

M3.0 Tuesday, Feb 13th 9:58 pm - 4 mi NNW of town of Big Bear Lake, CA

It's not known for sure if they were felt, but it's likely.

11:00 PST, Monday, February 12

So far the aftershock count to the M5.1 earthquake that jostled Big Bear Lake Saturday afternoon is over 45. The one M4.0 or greater aftershock that was statistically expected occurred at 4:39 pm (PST) Saturday; it was a M4.2. It was healthily felt in the epicentral area and in lesser degrees in surrounding counties: Riverside, Orange and Los Angeles.

Here is a current list of aftershocks M3.0 and greater in order of oldest to most recent (including the mainshock). All times are PST:

M5.1 Saturday, Feb. 10th 1:05 pm - 4 mi NNW of town of Big Bear Lake, CA

M3.1 Saturday, Feb. 10th 1:35 pm - 4 mi NNW of town of Big Bear Lake, CA

M3.2 Saturday, Feb. 10th 3:34 pm - 4 mi NW of town of Big Bear Lake, CA

M4.2 Saturday, Feb. 10th 4:39 pm - 4 mi NNW of town of Big Bear Lake, CA

M3.2 Saturday, Feb. 10th 11:14 pm - 4 mi NNW of town of Big Bear Lake, CA

M3.1 Sunday, Feb. 11th 2:41 am - 4 mi NNW of town of Big Bear Lake, CA

15:38 PST, Saturday, February 10

Wow! Seismicity picked up today. Starting this morning at 9:50 am there was a M3.9 earthquake located 8 miles north-northeast of Indio. It's expected this was felt though we haven't received any felt reports. The focal mechanism for this earthquake shows mostly strike-slip movement which is common for this area.

At 1:05 pm (and without needing much introduction) there was a M5.1 earthquake 4 miles northwest of the town of Big Bear Lake. So far, there have been roughly 15 to 20 aftershocks - the largest, a M3.1, occurring 30 minutes after the mainshock. Needless to say it was widely felt with reports coming out of

Ventura and San Diego counties. For more information see the Special Report for the Big Bear Lake Earthquake on the Current Seismicity & SCSN Earthquake Reports page.

15:45 PST, Friday, February 09

We have recorded and located 267 earthquakes in the last week. Click here to see a summary and map .

18:21 PST, Thursday, February 01

We have recorded and located 230 earthquakes in the last week. Click here to see a summary and map .

08:24 PST, Thursday, February 01

Between 6:24 pm and about 7:30 pm yesterday evening, there was a cluster of small quakes about 1 miles west-southwest of Obsidian Butte, along the southeastern shore of the Salton Sea. The largest members of the cluster were: a M2.5 at 6:24 pm, a M2.5 at 6:44 pm, a M2.6 at 6:45 pm, and a M2.9 at 6:49 pm. Obsidian Butte is within the Brawley Seismic Zone, a band of seismic swarm activity that connect the northern end of the Imperial fault with the southern end of the San Andreas fault.

This page is www.trinet.org/eqreports/comments/February2001.html.
Last updated 07:40 PST February 26, 2001.

Caltech USGS CDMG