TriNet

Earthquake Commentary for October, 2000

Map of recent earthquake activity

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

16:22 PST, Monday, October 30

A M3.3 quake just occurred, at 3:37 pm, located offshore, 6 miles northwest of Pt. Sal. It has not been reported felt.

08:54 PST, Monday, October 30

There was a little bit of seismic action over the weekend. A M3.1 quake was felt in the Banning and Beaumont areas at 7:00 am on Saturday. The location was 3 miles north of Beaumont.

We also saw a number of quakes in northern Baja, 22 miles south-souteast of Calexico, to be exact. There was a M3.1 at 8:59 pm and a M3.2 at 9:02 pm on Saturday (PDT), and a M3.3 at 12:13 pm on Sunday (PST).

There was also a M2.7 Hector aftershock at 7:27 am on Sunday, located 27 miles north-northeast of Joshua Tree, but it is unlikely that anyone felt it due to its remote location.

19:12 PDT, Thursday, October 26

The week's earthquake list totals 258 this week. Click here to see a summary and map .

08:12 PDT, Thursday, October 26

Early this morning, at 4:53 am, a M3.1 Landers aftershock occurred 2 miles north-northeast of Yucca Valley. It was reported felt in Yucca Valley and Joshua Tree.

09:26 PDT, Monday, October 23

A close pair of quakes occurred over the weekend, 25 miles northwest of Baker, on the Fort Irwin

Military Reservation. They measured M3.6 and M3.7, and occurred at 7:54:12 am and 7:54:26 (14 seconds apart), on Sunday morning. Note that these locations are outside of the aftershock zone for the Hector sequence, so the quakes were not aftershocks.

09:12 PDT, Friday, October 20

At 1:41 am today, there was a M3.0 quake in the northern Imperial Valley, 4 miles southwest of Niland. Also, at 7:02 am today, there was a M3.4 quake in Nevada, 35 miles east-northeast of Furnace creek (Death Valley) CA. Neither has been reported felt.

18:10 PDT, Thursday, October 19

We have recorded and located 295 earthquakes in the past week. Click here to see a summary and map .

08:13 PDT, Wednesday, October 18

There was another M2.8 this morning ... this time 4 miles north-northeast of Banning. The time was 3:53 am. We have not got any "felt" reports on it.

15:07 PDT, Tuesday, October 17

... and another! There was a Fillmore aftershock at 2:51 pm today, located 12 miles north of Fillmore.

14:45 PDT, Tuesday, October 17

Another aftershock of last Thursday's Fillmore quake occurred at 2:30 pm today. Magnitude was M2.8 and the epicenter was located 11 miles north of Fillmore.

13:03 PDT, Tuesday, October 17

Orange County experienced a small, but quite feelable, quake this morning at 11:58 am. The magnitude was M2.8, and the epicenter was located 3 miles east of Fullerton. "Felt" reports have been received from Brea, Anaheim, Fullerton, Placentia, Yorba Linda, Santa Ana, Orange, and Riverside ... basically most of Orange County and then a little more.

Also, there were two quakes 13 miles north of Fillmore early this morning: a M2.7 at 4:40 am and a M2.6 at 6:21 am. These are aftershocks of last Thursday's M3.9 at the same location.

08:37 PDT, Monday, October 16

The largest quake over the weekend was a M3.8 in Nevada, about 48 miles north of Stovepipe Wells (which is in Death Valley), at 9:53 pm on Friday. Other activity included a M2.8, 3 miles southwest of Niland (eastern Imperial Valley) at 1:04 am on Saturday and a M2.8, 5 miles northwest of Olancha (southern Owens Valley), at 8:32 am Saturday. We have no indication that any of these quakes was felt.

11:13 PDT, Friday, October 13

Here are the Quarterly Statistics! The Hector total still has the "+", mean that the figure is a minimum number, because we haven't totally finished the processing yet. We believe that we have most of the M3.0 and greater events, however (so no "+"). The number of M3.0+ in the Hector time period (fourth quarter 1999) went down a bit from the previous edition of the statistical report. This reflects the fact that some events have been "demoted" after a closer look, and also a few events had been processed twice, leading to duplicate entries in the catalog.

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Totals listed below apply to the area within a polygon bounded by
the following latitude, longitude pairs:
35.0N, 121.0W; 37.0N, 119.0W; 37.0N, 115.0W; 32.5N, 115.0W; and
32.5N, 121.0W.

        1st quarter     2nd quarter     3rd quarter     4th quarter
        all     3.0+    all     3.0+    all     3.0+    all     3.0+
1986     3,040   16      2,865   19      6,634  192      2,300   38
1987     1,679   24      1,887   36      2,341   38      5,748  198
1988     2,749   40      2,128   45      2,195   30      2,208   27
1989     2,528   46      2,340   21      2,323   19      2,335   26
1990     2,850   56      2,293   43      1,859   27      2,039   31
1991     1,679   10      1,843   32      2,081   21      2,337   27
1992     3,389   37     10,084  741     25,849  808      9,775  181
1993     4,799   41      5,152   58      5,039   46      4,419   34
1994    10,735  418      5,766   42      5,221   48      4,813   39
1995     3,639   28      3,788   37      8,252   88      7,733   49
1996     5,735   56      3,966   32      3,690   23      4,660   50
1997     3,699   39      3,276   54      3,193   31      2,443   27
1998     3,590   56      2,830   27      2,655   37      2,352   29
1999     2,253   35      2,546   58      2,555   36      9,529+ 477
2000     5,295   72      4,441   75      3,964   38
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08:08 PDT, Friday, October 13

Early this morning, at 4:37 am, there was a M3.2 quake in the northern Imperial Valley, 4 miles southwest of Niland. It was followed at 5:50 am by a M2.7 at the same location. Although the larger of the two could easily have been felt, we have not received any inquiries.

18:23 PDT, Thursday, October 12

We have recorded and located 246 earthquakes in the past week. Click here to see a summary and map .

13:24 PDT, Thursday, October 12

We have a revised location for this morning's quake: 12 miles north of Fillmore. The magnitude remains at M3.9. The focal mechanism shows strike-slip. Of minor scientific interest is the fact that many quakes in the general area of Ventura Basin and the surrounding mountains have depths a little greater than what we see in the rest of southern California. This particular quake took place about 27 km (about 17 miles) below the surface, whereas most of our quakes in other areas are shallower than about 20 km.

10:45 PDT, Thursday, October 12

A M3.9 earthquake occurred this morning, at 9:51 am, located about 14 miles north-northwest of Fillmore. This is an unpopulated, mountainous area due west of Castaic Lake. So far, we have reports that the quake was felt from Ojai and Ventura on the west, to the Grapevine area on the north, to the I14 corridor on the east.

14:48 PDT, Wednesday, October 11

There was a M3.3 earlier this afternoon, at 12:30 pm. It occurred in the San Joaquin Valley, about 36 miles west-northwest of Bakersfield. For those familiar with the area, this is not far from the Lost Hills (route 46) exit off the I5. So far, we've received no "felt" reports.

08:04 PDT, Monday, October 09

A pair of M3.2 quakes occurred late Saturday afternoon. The first occurred at 5:17 pm, 7 miles south-southwest of Bakersfield. It was reported felt in the Bakersfield area. The second, which occurred at 5:50 pm, was a Hector aftershock, located 34 miles south-southwest of Baker. This is a very sparsely populated area, so it was probably not felt. In spite of the common "Baker" in the geographic references, the two quakes are considered unrelated.

09:08 PDT, Friday, October 06

We have recorded and located 407 earthquakes in the past week. Click here to see a summary and map .

13:35 PDT, Thursday, October 05

There was another M2.9 Hector aftershock this morning, at 4:15 am. It was located 31 miles southwest of Baker.

09:00 PDT, Tuesday, October 03

There was a Hector aftershock, magnitude M2.8, at 10:07 pm last night. The epicenter was 24 miles north of Joshua Tree. There have been no "felt" reports.

22:14 PDT, Monday, October 02

A M3.6 quake occurred earlier this evening, at 7:44 pm, 11 miles north of Ridgecrest. It was felt in the Ridgecrest and Trona areas.

Also, at 8:31 pm this evening, a M2.1 Northridge aftershock was fairly widely felt from Topanga Canyon to the mid-San Fernando Valley. The epicenter was located 1 mile east-northeast of Chatsworth. People seem to be feeling exceptionally small earthquakes lately!

11:04 PDT, Monday, October 02

There were scattered small earthquakes in southern California this weekend:

For example, there was a very small quake felt (M2.3) in the Lake Elsinore area at 11:25 pm Friday night. The epicenter was 8 miles south-southeast of Corona, or 12 miles west-northwest of Lake Elsinore.

There was a M2.5 at 2:58 am on Saturday, located 3 miles south-southeast of Yucaipa. There were no "felt" reports on this one.

There were also a handful of Baja events. The largest was a M3.8 at 2:46 pm on Saturday, located 41 miles south-southeast of Calexico. The automatic system mistakenly place this event near Anza (M3.0). The event has now beem correctly processed and should update on the map shortly.

Then, at 9:38 pm last night, there was a M3.0 Landers (not Hector) aftershock. The epicentral location was 20 miles northeast of Lucerne Valley.

Also last night, there was a M2.8 in the Ocotillo area, near the U.S./Mexico border. The time was 11:59 pm and the location was 2 miles east-southeast of Ocotillo.

Another M3.0 occurred about 5:17 am this morning. It’s epicenter was located 9 miles east-northeast of Julian.

Finally, another very small quake (M2.0) was reported felt at 7:19 am. This quake had a location 2 miles

west of Banning.