| Location | Date | UTC Time | Lat. | Lon. | Depth | Ml | Mw | Mo | Str. | Dip | Rake | Method |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Nevada | 08/26/1998 | 15:50:12.0 | 37.114 | -117.712 | 8.0 | 4.0 | 3.7 | 4.05e21 | 341 | 38 | -114 | 1 |
| B. Columbia | 08/30/1998 | 11:33:34.0 | 51.1 | -130.4 | 10.0 | 6.1 | 6.1 | 1.56e25 | 62 | 79 | -43 | 1 |
| San J. Baut. | 09/02/1998 | 11:24:07.0 | 36.839 | -121.298 | 8.0 | 3.9 | 4.0 | 10.0e21 | 165 | 81 | 190 | 2 |
| Bishop | 09/11/1998 | 11:38:42.0 | 37.388 | -118.689 | 11.0 | 3.8 | 3.8 | 5.80e21 | 334 | 83 | 169 | 1 |
| Parkfield | 09/16/1998 | 09:00:44.0 | 35.959 | -120.508 | 14.0 | 3.5 | 3.5 | 2.17e21 | 154 | 87 | 178 | 1 |
| Gilroy | 10/10/1998 | 06:50:31.0 | 36.97 | -121.58 | 5.0 | 4.0 | 3.8 | 5.51e21 | 296 | 72 | 172 | 1 |
| | | | | | 5.0 | 4.0 | 3.9 | 6.80e21 | 299 | 86 | -167 | 2 |
| Arcata | 10/15/1998 | 05:05:46.0 | 40.840 | -123.571 | 30.0 | 4.0 | 4.2 | 2.69e22 | 345 | 75 | -74 | 1 |
| | | | | | 20.0 | 4.0 | 4.1 | 2.4e22 | 348 | 61 | -79 | 2 |
| Portola | 10/21/1998 | 08:31:01.0 | 39.725 | -120.677 | 11.0 | 4.4 | 4.1 | 1.73e22 | 180 | 88 | 341 | 1 |
| | | | | | 22.0 | 4.4 | 4.2 | 2.5e22 | 280 | 89 | 349 | 2 |
| Truckee | 10/30/1998 | 09:53:30.0 | 39.303 | -119.977 | 11.0 | 5.3 | 4.8 | 1.77e23 | 30 | 85 | -3 | 1 |
| | | | | | 24.0 | 5.3 | 5.0 | 3.5e23 | 32 | 88 | -1 | 2 |
| Redding | 11/26/1998 | 19:49:53.0 | 40.63 | -122.42 | 24.0 | 5.4 | 5.2 | 6.40e23 | 21 | 86 | 67 | 1 |
| | | | | | 24.0 | 5.4 | 5.1 | 4.80e23 | 289 | 77 | -46 | 2 |
| Offshore | 11/27/1998 | 00:43:48.0 | 40.67 | -125.38 | 5.0 | 5.2 | 5.4 | 1.40e24 | 129 | 58 | -162 | 1 |
| Berkeley | 12/04/1998 | 12:16:07.0 | 37.92 | -122.29 | 11.0 | 4.1 | 3.9 | 9.26e21 | 139 | 69 | 174 | 1 |
| | | | | | 20.0 | 4.1 | 4.2 | 2.10e22 | 228 | 90 | -8 | 2 |
| Mammoth | 12/07/1998 | 16:15:54.0 | 37.64 | -118.93 | 11.0 | 3.7 | 3.4 | 1.53e21 | 146 | 78 | -27 | 1 |
| Mammoth | 12/14/1988 | 04:14:02.0 | 37.53 | -118.798 | 8.0 | 4.0 | 4.0 | 8.10e21 | 222 | 84 | 17 | 1 |
| | | | | | 6.0 | 4.0 | 4.0 | 2.00e22 | 206 | 80 | 0 | 2 |
| Mammoth | 12/17/1998 | 10:32:12.0 | 37.524 | -118.798 | 8.0 | 4.1 | 3.9 | 7.14e21 | 219 | 73 | 13 | 1 |
| | | | | | 20.0 | 4.1 | 4.0 | 2.10e22 | 214 | 75 | 21 | 2 |
| Ben Lomond | 12/29/1998 | 12:38:12.0 | 37.093 | -122.041 | 11.0 | 3.9 | 3.9 | 6.93e21 | 149 | 64 | 106 | 1 |
| | | | | | 8.0 | 3.8 | 3.9 | 5.18e21 | 140 | 49 | 115 | 1 |
| Tres Pinos | 01/18/1999 | 08:48:36.0 | 36.648 | -121.268 | 11.0 | 4.3 | 4.3 | 2.98e22 | 48 | 88 | -4 | 1 |
| | | | | | 16.0 | 4.3 | 4.4 | 5.20e22 | 131 | 88 | 175 | 2 |
| Fort Bragg | 01/24/1999 | 15:34:56.0 | 39.563 | -123.767 | 5.0 | 4.0 | 4.1 | 1.47e22 | 311 | 49 | 115 | 1 |
| | | | | | 4.0 | 4.0 | 4.0 | 2.50e22 | 271 | 27 | 47 | 2 |
| Morgan Hill | 01/27/1999 | 03:58:42.0 | 37.253 | -121.638 | 8.0 | 3.8 | 3.7 | 4.04e21 | 324 | 78 | -174 | 1 |
| Morgan Hill | 02/04/1999 | 00:19:36.0 | 37.160 | -121.554 | 5.0 | 3.8 | 3.5 | 2.32e21 | 153 | 88 | -166 | 1 |
| | | | | | 6.0 | 3.8 | 3.9 | 8.70e21 | 51 | 89 | 4 | 2 |
| Morgan Hill | 02/04/1999 | 00:21:41.0 | 37.162 | -121.554 | 8.0 | 3.7 | 3.5 | 2.05e21 | 329 | 80 | 175 | 1 |
| | | | | | 10.0 | 3.7 | 3.8 | 6.20e21 | 142 | 88 | 173 | 2 |
| Gorda Plate | 02/09/1999 | 14:32:47.7 | 40.70 | -124.96 | 18.0 | 4.7 | 4.1 | 1.89e22 | 146 | 73 | 156 | 1 |
| | | | | | 10.0 | 4.7 | 4.1 | 1.40e22 | 333 | 87 | -166 | 2 |
| Punta Gorda | 02/15/1999 | 06:00:04.0 | 40.28 | -124.39 | 27.0 | 3.7 | 4.7 | 1.25e23 | 101 | 80 | 170 | 1 |
| | | | | | 30.0 | 3.7 | 4.6 | 1.00e23 | 276 | 90 | -178 | 2 |
| Geysers | 02/18/1999 | 08:58:41.0 | 38.796 | -122.739 | 5.0 | 3.9 | 4.1 | 1.83e22 | 167 | 77 | -161 | 1 |
| | | | | | 22. | 3.9 | 4.3 | 3.10e22 | 333 | 72 | 44 | 2 |
| Parkfield | 02/26/1999 | 15:25:56.7 | 35.95 | -120.50 | 11.0 | 4.0 | 4.0 | 1.33e22 | 148 | 88 | 174 | 1 |
| | | | | | 24. | 4.0 | 4.2 | 2.30e22 | 243 | 73 | -19 | 2 |
| Crescent City | 03/16/1999 | 18:06:31.3 | 42.062 | -125.718 | 8.0 | 4.0 | 4.3 | 3.13e22 | 8 | 66 | -51 | 1 |
| | | | | | 6.0 | 4.0 | 4.4 | 5.20e22 | 349 | 56 | -73 | 2 |
| Tres Pinos | 03/23/1999 | 18:36:40.0 | 36.676 | -121.300 | 8.0 | 4.1 | 4.1 | 1.72e22 | 310 | 84 | 139 | 1 |
| Geysers | 04/04/1999 | 06:00:36.0 | 38.840 | -122.754 | 5.0 | 3.8 | 3.9 | 7.59e21 | 191 | 51 | -111 | 1 |
| Pinnacles | 04/15/1999 | 03:20:25.5 | 36.583 | -121.175 | 6.0 | 3.8 | 3.8 | 6.50e21 | 314 | 89 | -173 | 2 |
| Mammoth | 04/24/1999 | 07:56:27.0 | 37.545 | -118.864 | 8.0 | 3.9 | 3.8 | 2.31e21 | 343 | 66 | -70 | 1 |

Table 8.4: Moment tensor solutions for significant events from August 1998 to September 1999 using both regional methodologies. Epicentral information from the UC Berkeley/USGS Northern California Earthquake Data Center. Moment is in dyne-cm and depth is in km. Key to methods: (1) Complete waveform fitting inversion; (2) Regional surface wave inversion.