

**CATALOGO DE SISMOS EN EL GOLFO DE CALIFORNIA
REGISTRADOS POR LA RED NARS-Baja**

| DATE | | | ORIGIN TIME | | | LAT N | LON W | DEPTH |
|------|----|----|-------------|----|--------|---------|-----------|-------|
| Yr | M | D | H | M | S | | | |
| 2002 | 6 | 7 | 16 | 7 | 17.962 | 27.9988 | -112.3211 | 0.00 |
| 2002 | 9 | 26 | 6 | 42 | 1.489 | 28.5022 | -114.9773 | 0.00 |
| 2002 | 10 | 3 | 16 | 8 | 32.400 | 23.3420 | -109.1160 | 10.00 |
| 2002 | 11 | 5 | 4 | 58 | 20.616 | 28.7788 | -112.9769 | 4.01 |
| 2002 | 11 | 5 | 5 | 15 | 3.258 | 28.8039 | -113.0273 | 0.00 |
| 2003 | 1 | 22 | 8 | 36 | 4.884 | 27.9865 | -111.9668 | 0.00 |
| 2003 | 1 | 24 | 15 | 11 | 9.615 | 29.7168 | -113.8043 | 5.98 |
| 2003 | 7 | 5 | 2 | 17 | 53.184 | 28.1282 | -112.9112 | 20.02 |
| 2003 | 8 | 15 | 9 | 44 | 41.388 | 28.4596 | -113.2922 | 5.66 |
| 2003 | 9 | 9 | 23 | 7 | 24.826 | 30.5819 | -114.0260 | 2.56 |
| 2003 | 9 | 9 | 23 | 41 | 53.766 | 30.3400 | -114.1845 | 12.43 |
| 2003 | 9 | 10 | 11 | 26 | 41.923 | 30.6502 | -114.0170 | 8.30 |
| 2003 | 11 | 12 | 4 | 54 | 56.384 | 29.1098 | -113.1616 | 0.00 |
| 2003 | 12 | 5 | 22 | 54 | 0.165 | 29.2136 | -113.2594 | 3.97 |
| 2004 | 2 | 28 | 13 | 48 | 4.289 | 28.9923 | -113.1907 | 9.27 |
| 2004 | 8 | 20 | 6 | 33 | 5.173 | 30.1045 | -114.1353 | 22.48 |
| 2004 | 8 | 20 | 6 | 36 | 37.252 | 30.2132 | -114.3451 | 13.17 |
| 2004 | 8 | 20 | 8 | 6 | 14.457 | 28.4243 | -113.2712 | 3.00 |
| 2004 | 8 | 20 | 9 | 4 | 43.039 | 30.0852 | -114.1336 | 23.31 |
| 2004 | 8 | 20 | 9 | 43 | 56.474 | 30.1688 | -114.1626 | 12.06 |
| 2004 | 9 | 15 | 10 | 18 | 33.836 | 30.1810 | -114.0606 | 21.96 |
| 2004 | 9 | 24 | 14 | 43 | 8.689 | 28.7011 | -112.7587 | 0.00 |
| 2004 | 9 | 24 | 15 | 27 | 13.862 | 28.7472 | -112.7686 | 6.29 |
| 2004 | 10 | 24 | 23 | 26 | 11.240 | 30.5384 | -113.8123 | 0.00 |
| 2005 | 4 | 19 | 15 | 37 | 43.471 | 30.4821 | -114.3439 | 0.00 |
| 2005 | 4 | 27 | 0 | 24 | 14.026 | 30.4499 | -114.1354 | 19.71 |
| 2005 | 4 | 27 | 0 | 32 | 59.542 | 30.4441 | -114.3553 | 2.15 |
| 2005 | 4 | 27 | 7 | 35 | 8.278 | 30.5283 | -114.2029 | 9.01 |
| 2005 | 7 | 4 | 2 | 24 | 41.159 | 29.5973 | -113.8642 | 5.60 |
| 2005 | 8 | 22 | 23 | 31 | 23.727 | 30.7661 | -114.1183 | 0.00 |
| 2005 | 10 | 31 | 13 | 41 | 22.454 | 30.9385 | -114.0359 | 0.00 |
| 2005 | 12 | 16 | 8 | 17 | 0.868 | 30.8242 | -114.1354 | 0.71 |
| 2005 | 12 | 16 | 10 | 50 | 3.822 | 30.8470 | -114.1835 | 0.36 |
| 2006 | 1 | 3 | 8 | 21 | 17.646 | 28.0462 | -112.3573 | 0.00 |
| 2006 | 1 | 3 | 21 | 58 | 19.455 | 28.1111 | -112.2111 | 0.00 |
| 2006 | 1 | 4 | 1 | 5 | 6.777 | 28.0894 | -112.2146 | 0.70 |
| 2006 | 1 | 4 | 1 | 17 | 9.981 | 28.0333 | -112.1721 | 0.02 |
| 2006 | 1 | 4 | 3 | 45 | 3.077 | 28.1152 | -112.3055 | 0.34 |
| 2006 | 1 | 4 | 8 | 30 | 39.713 | 28.1403 | -112.3048 | 13.23 |
| 2006 | 1 | 4 | 8 | 32 | 30.394 | 28.0433 | -112.2746 | 7.34 |
| 2006 | 1 | 4 | 9 | 5 | 51.803 | 28.3152 | -112.6198 | 0.00 |
| 2006 | 1 | 4 | 9 | 17 | 55.235 | 28.2713 | -112.4735 | 0.00 |

| | | | | | | | | |
|------|----|----|----|----|--------|---------|-----------|-------|
| 2006 | 1 | 4 | 10 | 27 | 23.004 | 28.1446 | -112.3208 | 3.95 |
| 2006 | 1 | 5 | 3 | 55 | 53.306 | 28.1307 | -112.2938 | 10.03 |
| 2006 | 1 | 7 | 7 | 55 | 16.754 | 28.1001 | -112.2589 | 5.60 |
| 2006 | 1 | 15 | 21 | 32 | 24.412 | 28.8070 | -112.9921 | 12.97 |
| 2006 | 4 | 23 | 7 | 51 | 28.994 | 28.9721 | -113.5631 | 16.63 |
| 2006 | 5 | 1 | 20 | 53 | 21.934 | 30.1726 | -114.5706 | 0.00 |
| 2006 | 5 | 1 | 21 | 4 | 37.848 | 29.9803 | -114.4571 | 0.00 |
| 2002 | 10 | 29 | 6 | 16 | 13.735 | 25.8584 | -110.2509 | 0.00 |
| 2002 | 12 | 6 | 6 | 24 | 12.256 | 26.3152 | -110.7364 | 8.61 |
| 2002 | 12 | 7 | 1 | 33 | 45.285 | 26.0794 | -110.6330 | 9.77 |
| 2002 | 12 | 8 | 17 | 45 | 17.255 | 26.3010 | -110.7148 | 13.58 |
| 2003 | 1 | 10 | 12 | 47 | 12.888 | 27.5195 | -111.4138 | 9.14 |
| 2003 | 1 | 19 | 16 | 46 | 30.147 | 26.9204 | -111.3973 | 1.97 |
| 2003 | 1 | 23 | 21 | 27 | 20.622 | 27.8870 | -112.0776 | 4.10 |
| 2003 | 2 | 5 | 11 | 54 | 9.844 | 27.4558 | -111.4236 | 0.75 |
| 2003 | 3 | 12 | 23 | 41 | 30.561 | 26.4994 | -110.8355 | 2.02 |
| 2003 | 3 | 12 | 23 | 46 | 33.872 | 26.4254 | -110.7600 | 9.02 |
| 2003 | 3 | 13 | 0 | 23 | 54.173 | 26.4218 | -110.7322 | 6.94 |
| 2003 | 3 | 13 | 1 | 30 | 47.845 | 26.4252 | -110.7495 | 4.51 |
| 2003 | 3 | 13 | 1 | 48 | 55.456 | 26.4171 | -110.7549 | 5.02 |
| 2003 | 3 | 13 | 2 | 25 | 38.965 | 26.4135 | -110.7284 | 4.69 |
| 2003 | 3 | 13 | 4 | 23 | 6.995 | 26.4206 | -110.7417 | 5.01 |
| 2003 | 3 | 13 | 8 | 12 | 50.409 | 26.6255 | -110.9865 | 6.07 |
| 2003 | 3 | 13 | 14 | 38 | 20.278 | 26.6414 | -111.0135 | 12.99 |
| 2003 | 3 | 13 | 20 | 28 | 27.681 | 26.4492 | -110.7764 | 9.53 |
| 2003 | 3 | 13 | 20 | 48 | 54.034 | 26.4402 | -110.7719 | 9.86 |
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| 2003 | 11 | 16 | 21 | 25 | 52.613 | 26.6363 | -111.7733 | 1.31 |
| 2003 | 11 | 17 | 3 | 24 | 0.745 | 26.6165 | -111.7999 | 5.20 |
| 2003 | 12 | 23 | 1 | 44 | 18.823 | 26.6363 | -111.7703 | 9.85 |
| 2004 | 1 | 11 | 13 | 36 | 32.804 | 27.2331 | -111.5379 | 0.90 |
| 2004 | 2 | 18 | 19 | 30 | 39.033 | 26.6345 | -111.0169 | 7.23 |
| 2004 | 3 | 22 | 8 | 57 | 9.860 | 25.7894 | -110.1400 | 16.36 |
| 2004 | 5 | 26 | 15 | 2 | 1.936 | 27.8711 | -112.0040 | 0.36 |
| 2004 | 8 | 7 | 10 | 41 | 24.442 | 26.6103 | -111.7947 | 6.21 |
| 2004 | 8 | 13 | 10 | 41 | 26.405 | 27.8557 | -111.9452 | 0.00 |
| 2004 | 8 | 21 | 7 | 58 | 27.323 | 27.7078 | -111.6805 | 10.56 |
| 2004 | 10 | 14 | 1 | 4 | 21.291 | 27.8988 | -112.0988 | 1.79 |
| 2005 | 2 | 6 | 8 | 46 | 12.500 | 27.9374 | -112.1178 | 4.35 |
| 2005 | 2 | 22 | 19 | 15 | 47.975 | 25.8845 | -110.1809 | 0.83 |
| 2005 | 3 | 11 | 21 | 24 | 39.088 | 27.8175 | -112.0963 | 0.00 |
| 2005 | 11 | 27 | 18 | 56 | 0.163 | 25.7119 | -110.0829 | 0.00 |
| 2005 | 11 | 27 | 23 | 58 | 11.825 | 25.7069 | -110.0950 | 2.86 |
| 2005 | 12 | 24 | 5 | 38 | 24.541 | 25.8019 | -110.2082 | 0.36 |
| 2006 | 5 | 28 | 14 | 0 | 56.368 | 26.8537 | -111.4574 | 1.26 |
| 2006 | 5 | 28 | 14 | 2 | 52.685 | 26.8018 | -111.4856 | 0.00 |
| 2006 | 5 | 28 | 14 | 18 | 1.386 | 26.8046 | -111.4336 | 0.00 |
| 2006 | 6 | 16 | 8 | 46 | 45.192 | 27.5648 | -111.4533 | 5.95 |
| 2006 | 7 | 30 | 1 | 20 | 56.966 | 26.8096 | -111.3266 | 19.39 |

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|------|----|----|----|----|--------|---------|-----------|-------|
| 2006 | 8 | 7 | 2 | 50 | 53.958 | 27.3757 | -112.5837 | 4.96 |
| 2006 | 8 | 8 | 4 | 29 | 32.725 | 27.4596 | -112.6434 | 20.12 |
| 2002 | 7 | 3 | 6 | 37 | 33.390 | 23.8202 | -108.7391 | 19.82 |
| 2003 | 1 | 17 | 21 | 10 | 11.585 | 24.2047 | -108.9501 | 0.00 |
| 2003 | 4 | 5 | 20 | 50 | 6.892 | 24.9304 | -109.3442 | 6.45 |
| 2003 | 4 | 15 | 8 | 21 | 16.799 | 25.0809 | -109.6490 | 1.33 |
| 2003 | 4 | 28 | 16 | 2 | 30.395 | 23.7497 | -108.8893 | 0.00 |
| 2003 | 7 | 2 | 5 | 11 | 36.744 | 23.0279 | -108.3485 | 22.80 |
| 2004 | 1 | 13 | 14 | 0 | 6.661 | 24.6044 | -109.0794 | 2.87 |
| 2004 | 1 | 13 | 20 | 54 | 42.962 | 24.3837 | -109.1738 | 1.89 |
| 2004 | 1 | 14 | 10 | 13 | 12.057 | 24.3183 | -109.1394 | 1.84 |
| 2004 | 1 | 14 | 10 | 21 | 33.061 | 24.7042 | -109.1408 | 0.00 |
| 2004 | 1 | 14 | 10 | 46 | 54.029 | 24.3079 | -109.1101 | 23.39 |
| 2004 | 1 | 14 | 10 | 55 | 47.204 | 24.3161 | -109.1561 | 0.00 |
| 2004 | 1 | 14 | 22 | 46 | 32.053 | 24.7750 | -109.1999 | 2.49 |
| 2004 | 1 | 14 | 22 | 48 | 42.843 | 24.7006 | -109.1669 | 5.87 |
| 2004 | 1 | 14 | 23 | 50 | 22.024 | 24.7757 | -109.1996 | 9.29 |
| 2004 | 2 | 9 | 0 | 1 | 45.200 | 23.9112 | -108.8061 | 8.56 |
| 2004 | 2 | 11 | 4 | 55 | 36.850 | 23.9681 | -108.8121 | 0.41 |
| 2004 | 2 | 11 | 12 | 28 | 7.975 | 23.9501 | -108.7839 | 1.21 |
| 2004 | 2 | 15 | 1 | 46 | 9.825 | 23.9532 | -109.0141 | 0.00 |
| 2004 | 2 | 15 | 1 | 57 | 32.310 | 23.9712 | -108.8167 | 23.62 |
| 2004 | 2 | 18 | 10 | 59 | 17.664 | 23.7845 | -108.7600 | 1.33 |
| 2004 | 2 | 18 | 11 | 7 | 8.506 | 23.8015 | -108.7167 | 9.88 |
| 2004 | 3 | 6 | 9 | 49 | 22.113 | 24.8109 | -109.3111 | 0.26 |
| 2004 | 6 | 22 | 6 | 10 | 39.352 | 24.9881 | -109.5224 | 19.60 |
| 2004 | 6 | 27 | 18 | 4 | 48.198 | 24.9551 | -109.3730 | 6.26 |
| 2004 | 7 | 8 | 21 | 21 | 42.320 | 24.9242 | -109.5665 | 19.27 |
| 2004 | 7 | 8 | 21 | 31 | 37.599 | 24.9329 | -109.3874 | 3.76 |
| 2004 | 12 | 1 | 18 | 51 | 6.048 | 24.7048 | -109.2338 | 21.25 |
| 2005 | 6 | 5 | 8 | 28 | 46.353 | 23.6170 | -108.4726 | 2.32 |
| 2005 | 7 | 9 | 8 | 55 | 10.780 | 24.8336 | -109.2318 | 9.48 |
| 2005 | 7 | 10 | 17 | 56 | 46.314 | 24.8329 | -109.2511 | 15.11 |
| 2005 | 7 | 18 | 17 | 26 | 24.392 | 24.3295 | -109.2214 | 22.52 |
| 2005 | 12 | 26 | 19 | 26 | 18.195 | 24.8680 | -109.3442 | 22.37 |
| 2006 | 1 | 23 | 19 | 47 | 35.927 | 25.3518 | -109.8627 | 14.49 |
| 2004 | 2 | 9 | 01 | 24 | 41.110 | 25.1277 | -112.4833 | 10.00 |
| 2004 | 2 | 9 | 09 | 03 | 48.000 | 25.1138 | -112.5200 | 8.80 |
| 2004 | 8 | 30 | 05 | 35 | 16.870 | 29.6987 | -116.4933 | 20.00 |
| 2006 | 5 | 11 | 11 | 02 | 43.230 | 23.9645 | -108.4117 | 10.00 |

*Para solicitar algún sismo del catalogo enviar correo electrónico al Dr. Raúl Castro E.
raul@cicese.mx*

Castro, R.R., Perez-Vertti, A., Mendez, I., Mendoza, A. and Inzunza, L. (2010).
*Location of Moderate-Size Earthquakes Recorded by the NARS-Baja Array in the
Gulf of California Region Between 2002 and 2006.*
Pure Appl. Geophys., 2010 Springer Basel AG,
DOI 10.1007/s00024-010-0177-y