| **RSN** | **Earthquake Name** | **Earthquake Magnitude** | **Rrup** | **PGA** | **PGD** |
| --- | --- | --- | --- | --- | --- |
| **(Mw)** | **(Km)** | **(g)** | **(cm)** |
| 1004 | Northridge-01 | 6.69 | 8.48 | 0.75 | 17.20 |
| 1547 | Chi-Chi, Taiwan-01 | 7.62 | 33.80 | 0.15 | 30.90 |
| 1197 | Chi-Chi, Taiwan-01 | 7.62 | 32.67 | 0.77 | 24.00 |
| 620 | Whittier Narrows-01 | 5.99 | 21.73 | 0.23 | 1.08 |
| 1245 | Chi-Chi, Taiwan-01 | 7.62 | 70.48 | 0.05 | 4.77 |
| 695 | Whittier Narrows-01 | 5.99 | 36.68 | 0.20 | 1.11 |
| 1209 | Chi-Chi, Taiwan-01 | 7.62 | 54.93 | 0.18 | 12.20 |
| 1205 | Chi-Chi, Taiwan-01 | 7.62 | 51.15 | 0.50 | 8.58 |
| 598 | Whittier Narrows-01 | 5.99 | 29.49 | 0.17 | 0.39 |
| 1500 | Chi-Chi, Taiwan-01 | 7.62 | 42.05 | 0.14 | 34.00 |
| 599 | Whittier Narrows-01 | 5.99 | 22.61 | 0.11 | 1.47 |
| 1231 | Chi-Chi, Taiwan-01 | 7.62 | 31.65 | 0.83 | 27.40 |
| 1530 | Chi-Chi, Taiwan-01 | 7.62 | 52.43 | 0.16 | 50.60 |
| 1504 | Chi-Chi, Taiwan-01 | 7.62 | 28.70 | 0.43 | 78.70 |
| 1194 | Chi-Chi, Taiwan-01 | 7.62 | 32.15 | 0.16 | 29.50 |
| 983 | Northridge-01 | 6.69 | 13.00 | 0.76 | 31.60 |
| 1193 | Chi-Chi, Taiwan-01 | 7.62 | 24.10 | 0.23 | 42.30 |
| 1195 | Chi-Chi, Taiwan-01 | 7.62 | 41.99 | 0.07 | 27.70 |
| 1509 | Chi-Chi, Taiwan-01 | 7.62 | 19.08 | 0.49 | 18.50 |
| 982 | Northridge-01 | 6.69 | 12.97 | 0.52 | 33.80 |
| 1503 | Chi-Chi, Taiwan-01 | 7.62 | 26.67 | 0.69 | 81.80 |
| 1193 | Chi-Chi, Taiwan-01 | 7.62 | 24.10 | 0.23 | 42.30 |
| 1492 | Chi-Chi, Taiwan-01 | 7.62 | 39.58 | 0.40 | 221.00 |
| 1505 | Chi-Chi, Taiwan-01 | 7.62 | 47.86 | 0.47 | 366.00 |
| 1517 | Chi-Chi, Taiwan-01 | 7.62 | 8.91 | 0.74 | 28.30 |
| 1529 | Chi-Chi, Taiwan-01 | 7.62 | 45.56 | 0.27 | 75.30 |
| 1605 | Duzce, Turkey-01 | 7.14 | 1.61 | 0.43 | 48.70 |
| 545 | Chalfant Valley-01 | 5.77 | 17.22 | 0.07 | 2.65 |
| 368 | Coalinga-01 | 6.36 | 9.98 | 0.52 | 15.80 |
| 289 | Irpinia, Italy-01 | 6.90 | 15.04 | 0.14 | 4.96 |
| 231 | Mammoth Lakes-01 | 6.06 | 12.65 | 0.37 | 5.57 |
| 214 | Livermore-01 | 5.80 | 17.13 | 0.12 | 4.27 |
| 95 | Managua, Nicaragua-01 | 6.24 | 5.68 | 0.35 | 6.10 |
| 698 | Whittier Narrows-01 | 5.99 | 45.44 | 0.06 | 0.71 |
| 699 | Whittier Narrows-01 | 5.99 | 43.47 | 0.05 | 0.51 |
| 700 | Whittier Narrows-01 | 5.99 | 43.52 | 0.59 | 1.86 |
| 705 | Whittier Narrows-01 | 5.99 | 12.00 | 0.15 | 2.31 |
| 718 | Superstition Hills-01 | 6.22 | 24.79 | 0.13 | 5.02 |
| 942 | Northridge-01 | 6.69 | 40.15 | 0.09 | 1.80 |
| 948 | Northridge-01 | 6.69 | 48.42 | 0.11 | 1.73 |
| 949 | Northridge-01 | 6.69 | 11.10 | 0.33 | 9.50 |
| 950 | Northridge-01 | 6.69 | 54.68 | 0.13 | 1.36 |
| 951 | Northridge-01 | 6.69 | 45.26 | 0.08 | 1.89 |
| 954 | Northridge-01 | 6.69 | 31.55 | 0.21 | 1.36 |
| 956 | Northridge-01 | 6.69 | 63.53 | 0.12 | 2.52 |
| 962 | Northridge-01 | 6.69 | 50.30 | 0.09 | 2.19 |
| 963 | Northridge-01 | 6.69 | 40.68 | 0.51 | 13.60 |
| 964 | Northridge-01 | 6.69 | 47.47 | 0.10 | 2.69 |
| 966 | Northridge-01 | 6.69 | 60.30 | 0.09 | 1.41 |
| 967 | Northridge-01 | 6.69 | 49.88 | 0.15 | 1.56 |
| 968 | Northridge-01 | 6.69 | 47.48 | 0.22 | 2.11 |
| 970 | Northridge-01 | 6.69 | 50.83 | 0.15 | 3.61 |
| 974 | Northridge-01 | 6.69 | 29.72 | 0.26 | 1.00 |