

## Palo Verde (33.39° N, 112.86° E), Control Point Hazard

SA (g)	AFE 0.5 Hz	AFE 1 Hz	AFE 2.5 Hz	AFE 5 Hz	AFE 10 Hz	AFE 20 Hz	AFE 100 Hz
0.000001	1.600000e+00	1.600000e+00	1.600000e+00	1.600000e+00	1.600000e+00	1.600000e+00	1.600000e+00
0.000500	3.800000e-01	1.050000e+00	1.210000e+00	1.050000e+00	7.860000e-01	7.330000e-01	7.740000e-01
0.001000	2.250000e-01	7.170000e-01	8.900000e-01	7.560000e-01	5.160000e-01	4.680000e-01	4.810000e-01
0.005000	3.310000e-02	1.990000e-01	2.430000e-01	2.020000e-01	1.140000e-01	1.000000e-01	9.180000e-02
0.010000	9.050000e-03	8.830000e-02	1.070000e-01	8.770000e-02	4.530000e-02	3.980000e-02	3.310000e-02
0.015000	3.710000e-03	4.850000e-02	5.950000e-02	4.850000e-02	2.420000e-02	2.120000e-02	1.630000e-02
0.030000	6.730000e-04	1.370000e-02	1.740000e-02	1.480000e-02	7.350000e-03	6.230000e-03	4.180000e-03
0.050000	1.730000e-04	4.540000e-03	6.000000e-03	5.630000e-03	2.900000e-03	2.290000e-03	1.420000e-03
0.075000	5.790000e-05	1.730000e-03	2.400000e-03	2.540000e-03	1.360000e-03	9.880000e-04	5.940000e-04
0.100000	2.690000e-05	8.390000e-04	1.230000e-03	1.430000e-03	7.880000e-04	5.320000e-04	3.200000e-04
0.150000	9.340000e-06	2.930000e-04	4.770000e-04	6.370000e-04	3.580000e-04	2.170000e-04	1.330000e-04
0.300000	1.630000e-06	4.780000e-05	9.750000e-05	1.570000e-04	8.340000e-05	4.100000e-05	2.690000e-05
0.500000	4.480000e-07	1.300000e-05	3.080000e-05	5.290000e-05	2.320000e-05	9.510000e-06	6.530000e-06
0.750000	1.550000e-07	4.580000e-06	1.200000e-05	1.980000e-05	6.730000e-06	2.340000e-06	1.690000e-06
1.000000	7.070000e-08	2.110000e-06	5.850000e-06	8.810000e-06	2.400000e-06	7.480000e-07	5.630000e-07
1.500000	2.220000e-08	6.400000e-07	1.900000e-06	2.240000e-06	4.460000e-07	1.230000e-07	1.000000e-07
3.000000	2.600000e-09	6.070000e-08	1.880000e-07	1.060000e-07	1.470000e-08	3.460000e-09	3.380000e-09
5.000000	4.610000e-10	8.430000e-09	2.520000e-08	6.520000e-09	8.700000e-10	1.710000e-10	1.900000e-10
7.500000	1.050000e-10	1.540000e-09	4.360000e-09	5.330000e-10	8.230000e-11	1.230000e-11	1.490000e-11
10.000000	3.480000e-11	4.280000e-10	1.160000e-09	7.700000e-11	1.490000e-11	1.670000e-12	2.120000e-12

## Palo Verde (33.39° N, 112.86° E), Response Spectra

Frequency (Hz)	UHSR 1E-4 (g)	GMRS (g)	UHSR 1E-5 (g)	UHSR 1E-6 (g)
100.000	0.1700	0.2140	0.4290	0.8600
90.000	0.1690	0.2140	0.4300	0.8630
80.000	0.1690	0.2140	0.4300	0.8660
70.000	0.1680	0.2140	0.4310	0.8690
60.000	0.1680	0.2150	0.4330	0.8730
50.000	0.1680	0.2160	0.4350	0.8780
40.000	0.1700	0.2180	0.4390	0.8860
35.000	0.1720	0.2200	0.4430	0.8910
30.000	0.1770	0.2240	0.4500	0.8980
25.000	0.1870	0.2320	0.4640	0.9110
20.000	0.2070	0.2480	0.4910	0.9300
15.000	0.2270	0.2680	0.5290	1.0100
12.500	0.2490	0.2940	0.5810	1.0900
10.000	0.2750	0.3320	0.6590	1.2300
9.000	0.2860	0.3470	0.6890	1.2800
8.000	0.3020	0.3660	0.7270	1.3400
7.000	0.3220	0.3940	0.7840	1.4300
6.000	0.3480	0.4320	0.8640	1.5900
5.000	0.3710	0.4750	0.9560	1.8000
4.000	0.3750	0.4930	0.9990	1.9600

3.500	0.3630	0.4870	0.9920	2.0200
3.000	0.3370	0.4530	0.9230	1.9800
2.500	0.2970	0.3960	0.8060	1.8200
2.000	0.2650	0.3390	0.6820	1.7200
1.500	0.2800	0.3370	0.6680	1.4800
1.250	0.2910	0.3490	0.6920	1.4000
1.000	0.2260	0.2770	0.5530	1.2900
0.900	0.1910	0.2390	0.4790	1.1700
0.800	0.1540	0.1960	0.3930	0.9970
0.700	0.1180	0.1500	0.3020	0.7820
0.600	0.0861	0.1070	0.2140	0.5580
0.500	0.0613	0.0736	0.1460	0.3640
0.400	0.0490	0.0589	0.1170	0.2910
0.350	0.0429	0.0515	0.1020	0.2550
0.300	0.0368	0.0442	0.0876	0.2180
0.250	0.0307	0.0368	0.0730	0.1820
0.200	0.0245	0.0295	0.0584	0.1460
0.150	0.0184	0.0221	0.0438	0.1090
0.125	0.0153	0.0184	0.0365	0.0910
0.100	0.0123	0.0147	0.0292	0.0728