

Indian Point (41.27° N, 73.94° E), Control Point Hazard

SA (g)	AFE 0.5 Hz	AFE 1 Hz	AFE 2.5 Hz	AFE 5 Hz	AFE 10 Hz	AFE 25 Hz	AFE 100 Hz
0.001000	4.188740e-03	7.540561e-03	1.136690e-02	1.205592e-02	1.216531e-02	1.194383e-02	1.101536e-02
0.001122	3.875126e-03	7.107806e-03	1.108728e-02	1.189618e-02	1.203505e-02	1.177856e-02	1.068703e-02
0.001259	3.573723e-03	6.686499e-03	1.080681e-02	1.173292e-02	1.190063e-02	1.160863e-02	1.035745e-02
0.001413	3.284555e-03	6.267124e-03	1.049375e-02	1.153882e-02	1.173867e-02	1.140997e-02	9.995284e-03
0.001585	3.007328e-03	5.850691e-03	1.014867e-02	1.131303e-02	1.154802e-02	1.118188e-02	9.602267e-03
0.001778	2.742545e-03	5.440686e-03	9.772462e-03	1.105233e-02	1.132537e-02	1.092263e-02	9.182999e-03
0.001995	2.490574e-03	5.039116e-03	9.369046e-03	1.075891e-02	1.107221e-02	1.063431e-02	8.742366e-03
0.002239	2.251713e-03	4.648281e-03	8.940258e-03	1.043069e-02	1.078617e-02	1.031654e-02	8.286398e-03
0.002512	2.025658e-03	4.268695e-03	8.488387e-03	1.006877e-02	1.046790e-02	9.970589e-03	7.818077e-03
0.002818	1.813051e-03	3.902530e-03	8.017709e-03	9.674319e-03	1.011801e-02	9.599094e-03	7.345251e-03
0.003162	1.613881e-03	3.550797e-03	7.532723e-03	9.251236e-03	9.739686e-03	9.205509e-03	6.871834e-03
0.003548	1.428781e-03	3.215248e-03	7.038918e-03	8.803176e-03	9.335829e-03	8.794232e-03	6.405063e-03
0.003981	1.257356e-03	2.896257e-03	6.540151e-03	8.334154e-03	8.909826e-03	8.368524e-03	5.947271e-03
0.004467	1.100207e-03	2.595487e-03	6.043050e-03	7.850315e-03	8.466837e-03	7.934081e-03	5.504409e-03
0.005012	9.566282e-04	2.312856e-03	5.550843e-03	7.355676e-03	8.010373e-03	7.493877e-03	5.077575e-03
0.005623	8.270299e-04	2.049906e-03	5.070561e-03	6.857905e-03	7.546952e-03	7.053899e-03	4.670928e-03
0.006310	7.104443e-04	1.806130e-03	4.604576e-03	6.360644e-03	7.079889e-03	6.616602e-03	4.284588e-03
0.007079	6.074104e-04	1.582681e-03	4.159189e-03	5.871491e-03	6.615662e-03	6.187163e-03	3.920898e-03
0.007943	5.170438e-04	1.378508e-03	3.735365e-03	5.392926e-03	6.156722e-03	5.767138e-03	3.579188e-03
0.008913	4.373793e-04	1.194313e-03	3.338181e-03	4.931664e-03	5.708862e-03	5.360612e-03	3.260518e-03
0.010000	3.675623e-04	1.028662e-03	2.967391e-03	4.489080e-03	5.273726e-03	4.968426e-03	2.963812e-03
0.011220	3.073240e-04	8.816140e-04	2.626132e-03	4.069984e-03	4.855570e-03	4.593217e-03	2.702732e-03
0.012589	2.555087e-04	7.516436e-04	2.312977e-03	3.674500e-03	4.455096e-03	4.235155e-03	2.454531e-03
0.014125	2.115567e-04	6.386880e-04	2.029456e-03	3.305827e-03	4.075340e-03	3.895909e-03	2.222688e-03
0.015849	1.745347e-04	5.397775e-04	1.773148e-03	2.962764e-03	3.715872e-03	3.575516e-03	2.007782e-03
0.017783	1.437743e-04	4.543119e-04	1.544083e-03	2.646870e-03	3.378506e-03	3.274215e-03	1.810196e-03
0.019953	1.180592e-04	3.806906e-04	1.339911e-03	2.356862e-03	3.062850e-03	2.991425e-03	1.629018e-03
0.022387	9.675292e-05	3.179567e-04	1.159551e-03	2.092811e-03	2.769495e-03	2.727255e-03	1.463611e-03
0.025119	7.915779e-05	2.645667e-04	1.000255e-03	1.852639e-03	2.497182e-03	2.480729e-03	1.312723e-03
0.028184	6.470820e-05	2.195391e-04	8.605955e-04	1.635800e-03	2.246002e-03	2.251746e-03	1.175643e-03
0.031623	5.283122e-05	1.816697e-04	7.383320e-04	1.440387e-03	2.014799e-03	2.039441e-03	1.051452e-03
0.035481	4.310729e-05	1.501639e-04	6.319117e-04	1.265346e-03	1.803180e-03	1.843441e-03	9.393425e-04
0.039811	3.515213e-05	1.238182e-04	5.393677e-04	1.108737e-03	1.609771e-03	1.662735e-03	8.382017e-04
0.044668	2.866253e-05	1.019042e-04	4.592793e-04	9.693378e-04	1.433925e-03	1.496813e-03	7.470189e-04
0.050119	2.336154e-05	8.369306e-05	3.900239e-04	8.453723e-04	1.274241e-03	1.344639e-03	6.647546e-04
0.056234	1.903549e-05	6.865484e-05	3.303961e-04	7.356115e-04	1.129914e-03	1.205606e-03	5.905877e-04
0.063096	1.550524e-05	5.621004e-05	2.791261e-04	6.385107e-04	9.996097e-04	1.078718e-03	5.246569e-04
0.070795	1.262343e-05	4.594442e-05	2.352337e-04	5.529225e-04	8.824357e-04	9.632900e-04	4.649712e-04
0.079433	1.027101e-05	3.748035e-05	1.976428e-04	4.775355e-04	7.771595e-04	8.583829e-04	4.110544e-04
0.089125	8.350426e-06	3.052592e-05	1.655842e-04	4.113669e-04	6.829036e-04	7.633120e-04	3.624382e-04
0.100000	6.782133e-06	2.481459e-05	1.382688e-04	3.533473e-04	5.985897e-04	6.772388e-04	3.186526e-04
0.112202	5.501494e-06	2.013334e-05	1.151132e-04	3.026195e-04	5.234009e-04	5.995346e-04	2.793103e-04
0.125893	4.456100e-06	1.629956e-05	9.548988e-05	2.583092e-04	4.564142e-04	5.294062e-04	2.440587e-04
0.141254	3.603224e-06	1.316838e-05	7.894205e-05	2.197561e-04	3.969084e-04	4.660850e-04	2.125701e-04
0.158489	2.907403e-06	1.061140e-05	6.499532e-05	1.862321e-04	3.440691e-04	4.091542e-04	1.842666e-04

0.177828	2.340561e-06	8.529667e-06	5.330870e-05	1.572190e-04	2.973127e-04	3.581179e-04	1.589774e-04
0.199526	1.879158e-06	6.836682e-06	4.353882e-05	1.321566e-04	2.560135e-04	3.124542e-04	1.365702e-04
0.223872	1.504386e-06	5.463864e-06	3.541640e-05	1.106154e-04	2.196636e-04	2.717141e-04	1.167977e-04
0.251189	1.200081e-06	4.351047e-06	2.866921e-05	9.211920e-05	1.876934e-04	2.354083e-04	9.940859e-05
0.281838	9.538187e-07	3.452688e-06	2.310472e-05	7.634047e-05	1.597035e-04	2.031483e-04	8.418303e-05
0.316228	7.547816e-07	2.728206e-06	1.852324e-05	6.291241e-05	1.352494e-04	1.745687e-04	7.089756e-05
0.354813	5.946602e-07	2.146728e-06	1.477966e-05	5.156818e-05	1.139986e-04	1.493599e-04	5.933235e-05
0.398107	4.659984e-07	1.680564e-06	1.172540e-05	4.200494e-05	9.556842e-05	1.271754e-04	4.932085e-05
0.446684	3.632683e-07	1.309114e-06	9.254083e-06	3.401379e-05	7.968869e-05	1.077515e-04	4.072705e-05
0.501187	2.813653e-07	1.013528e-06	7.257393e-06	2.735068e-05	6.603561e-05	9.078886e-05	3.339440e-05
0.562341	2.166024e-07	7.801356e-07	5.658542e-06	2.185063e-05	5.438887e-05	7.606070e-05	2.717172e-05
0.630957	1.654897e-07	5.961529e-07	4.380715e-06	1.732180e-05	4.447899e-05	6.331514e-05	2.192957e-05
0.707946	1.255548e-07	4.524962e-07	3.369216e-06	1.363369e-05	3.612257e-05	5.236149e-05	1.755018e-05
0.794328	9.441806e-08	3.405365e-07	2.570039e-06	1.063753e-05	2.909480e-05	4.297875e-05	1.392017e-05
0.891251	7.043365e-08	2.542750e-07	1.945503e-06	8.233138e-06	2.324642e-05	3.500588e-05	1.093675e-05
1.000000	5.200539e-08	1.879709e-07	1.458573e-06	6.309158e-06	1.839477e-05	2.825866e-05	8.506349e-06
1.122019	3.804093e-08	1.376803e-07	1.083571e-06	4.789563e-06	1.441662e-05	2.259914e-05	6.546337e-06
1.258925	2.748773e-08	9.963407e-08	7.955082e-07	3.592896e-06	1.116565e-05	1.787342e-05	4.982011e-06
1.412538	1.964056e-08	7.130145e-08	5.774512e-07	2.664384e-06	8.544941e-06	1.396856e-05	3.745946e-06
1.584893	1.381817e-08	5.024607e-08	4.127332e-07	1.945602e-06	6.437952e-06	1.075578e-05	2.778702e-06
1.778279	9.574140e-09	3.487085e-08	2.903829e-07	1.398084e-06	4.769422e-06	8.143476e-06	2.030204e-06
1.995262	6.493734e-09	2.368983e-08	1.998985e-07	9.829211e-07	3.454720e-06	6.032925e-06	1.457717e-06
2.238721	4.299037e-09	1.570793e-08	1.341958e-07	6.733858e-07	2.434953e-06	4.348913e-06	1.025145e-06
2.511886	2.739412e-09	1.002423e-08	8.661935e-08	4.432736e-07	1.646553e-06	3.012205e-06	7.021916e-07
2.818383	1.653572e-09	6.059601e-09	5.289020e-08	2.754662e-07	1.047828e-06	1.965948e-06	4.640542e-07
3.162278	1.016435e-09	3.727982e-09	3.261875e-08	1.703349e-07	6.500909e-07	1.241016e-06	3.146384e-07
3.548134	3.792982e-10	1.396363e-09	1.234731e-08	6.520362e-08	2.523534e-07	5.160836e-07	1.652226e-07

Indian Point (41.27° N, 73.94° E), Response Spectra

Frequency (Hz)	UHSR 1E-4 (g)	GMRS (g)	UHSR 1E-5 (g)
0.500000	0.021964	0.037296	0.080623
0.561009	0.025374	0.043481	0.094209
0.629463	0.028967	0.049702	0.107721
0.706269	0.032728	0.055998	0.121281
0.792447	0.036664	0.062411	0.134998
0.889140	0.040774	0.068972	0.148954
0.997631	0.045074	0.075714	0.163229
1.000000	0.045164	0.075854	0.163526
1.122019	0.052721	0.091044	0.197642
1.258925	0.060995	0.106307	0.231307
1.412538	0.069917	0.121656	0.264596
1.584893	0.079427	0.137141	0.297699
1.778279	0.089491	0.152809	0.330790
1.995262	0.100090	0.168727	0.364077
2.238721	0.111216	0.184934	0.397685
2.500000	0.122364	0.200716	0.430154
2.805046	0.137885	0.229804	0.494457

3.147313	0.155026	0.259549	0.559091
3.531344	0.173741	0.289730	0.623488
3.962233	0.193941	0.320391	0.687849
4.445698	0.215572	0.351479	0.752118
4.988156	0.238544	0.383101	0.816696
5.000000	0.239032	0.383754	0.818018
5.610092	0.257589	0.418626	0.895079
6.294627	0.278398	0.455249	0.974891
7.062688	0.301441	0.493710	1.057670
7.924466	0.327038	0.534038	1.143212
8.891397	0.355279	0.575712	1.230058
9.976312	0.385835	0.618637	1.318274
10.000000	0.386499	0.619538	1.320105
11.220185	0.394057	0.633860	1.351802
12.589254	0.402530	0.649811	1.387061
14.125375	0.412034	0.667260	1.425432
15.848932	0.422931	0.686238	1.466686
17.782794	0.435844	0.708271	1.514356
19.952623	0.451408	0.734438	1.570771
22.387211	0.469670	0.763808	1.633403
25.000000	0.478725	0.777808	1.662952
28.050461	0.486709	0.790785	1.690700
31.473135	0.493047	0.801915	1.714942
35.313439	0.496666	0.809556	1.732222
39.622330	0.495295	0.810051	1.734745
44.456985	0.489752	0.804009	1.723428
49.881558	0.476810	0.786496	1.687895
55.968028	0.454143	0.753625	1.619784
62.797161	0.422893	0.706384	1.520736
70.459573	0.386218	0.649554	1.400785
79.056942	0.347183	0.587061	1.267725
88.703347	0.309166	0.525495	1.136248
99.526793	0.276313	0.472140	1.022231
100.000000	0.250127	0.428583	0.928571