

Farley (31.22° N, 85.11° 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	5.724785e-03	7.656139e-03	1.018230e-02	1.070886e-02	1.080105e-02	1.063485e-02	9.912045e-03
0.001122	5.724366e-03	7.656119e-03	1.018230e-02	1.070886e-02	1.080103e-02	1.063485e-02	9.912045e-03
0.001259	5.720879e-03	7.655921e-03	1.018230e-02	1.070886e-02	1.079983e-02	1.063485e-02	9.912045e-03
0.001413	5.702051e-03	7.654357e-03	1.018230e-02	1.070872e-02	1.078751e-02	1.063472e-02	9.912045e-03
0.001585	5.642864e-03	7.646042e-03	1.018230e-02	1.070752e-02	1.075418e-02	1.062979e-02	9.912045e-03
0.001778	5.529537e-03	7.617806e-03	1.018228e-02	1.070102e-02	1.069698e-02	1.059430e-02	9.912031e-03
0.001995	5.377517e-03	7.554597e-03	1.018181e-02	1.067819e-02	1.061273e-02	1.050183e-02	9.910432e-03
0.002239	5.205681e-03	7.451887e-03	1.017599e-02	1.062270e-02	1.050179e-02	1.036986e-02	9.878965e-03
0.002512	5.021281e-03	7.314453e-03	1.014725e-02	1.052660e-02	1.036572e-02	1.021554e-02	9.738951e-03
0.002818	4.827374e-03	7.147443e-03	1.007755e-02	1.039777e-02	1.020564e-02	1.003717e-02	9.502268e-03
0.003162	4.626352e-03	6.954929e-03	9.962960e-03	1.024445e-02	1.002054e-02	9.832638e-03	9.230048e-03
0.003548	4.419535e-03	6.741092e-03	9.803799e-03	1.006756e-02	9.808898e-03	9.601133e-03	8.931583e-03
0.003981	4.207240e-03	6.510129e-03	9.605585e-03	9.865942e-03	9.569479e-03	9.341764e-03	8.606193e-03
0.004467	3.989359e-03	6.266272e-03	9.376895e-03	9.638794e-03	9.301524e-03	9.053809e-03	8.255343e-03
0.005012	3.765813e-03	6.013651e-03	9.124989e-03	9.385516e-03	9.004657e-03	8.737259e-03	7.880547e-03
0.005623	3.536724e-03	5.755634e-03	8.854058e-03	9.105780e-03	8.679043e-03	8.393010e-03	7.482948e-03
0.006310	3.302540e-03	5.494243e-03	8.566104e-03	8.799723e-03	8.325300e-03	8.022346e-03	7.064014e-03
0.007079	3.064085e-03	5.230203e-03	8.262525e-03	8.467905e-03	7.944644e-03	7.627106e-03	6.626244e-03
0.007943	2.822627e-03	4.963403e-03	7.944641e-03	8.111116e-03	7.538850e-03	7.209679e-03	6.172583e-03
0.008913	2.579944e-03	4.693399e-03	7.613702e-03	7.730355e-03	7.110437e-03	6.773179e-03	5.706472e-03
0.010000	2.338548e-03	4.419765e-03	7.270811e-03	7.326886e-03	6.662574e-03	6.321462e-03	5.232232e-03
0.011220	2.101846e-03	4.142297e-03	6.916866e-03	6.902378e-03	6.199254e-03	5.859062e-03	4.754825e-03
0.012589	1.873263e-03	3.861143e-03	6.552547e-03	6.459023e-03	5.725168e-03	5.391060e-03	4.280357e-03
0.014125	1.654876e-03	3.576898e-03	6.178362e-03	5.999677e-03	5.245679e-03	4.922889e-03	3.815169e-03
0.015849	1.447941e-03	3.290679e-03	5.794792e-03	5.527968e-03	4.766588e-03	4.460404e-03	3.366097e-03
0.017783	1.253968e-03	3.004149e-03	5.402410e-03	5.048453e-03	4.294001e-03	4.009289e-03	2.939215e-03
0.019953	1.074403e-03	2.719551e-03	5.002197e-03	4.566621e-03	3.833961e-03	3.574949e-03	2.540160e-03
0.022387	9.102955e-04	2.439796e-03	4.595713e-03	4.088710e-03	3.392097e-03	3.159254e-03	2.169401e-03
0.025119	7.622545e-04	2.168398e-03	4.185369e-03	3.621413e-03	2.973375e-03	2.736323e-03	1.800670e-03
0.028184	6.306268e-04	1.908849e-03	3.774468e-03	3.171478e-03	2.576430e-03	2.264238e-03	1.418995e-03
0.031623	5.154513e-04	1.663970e-03	3.367285e-03	2.745219e-03	2.190799e-03	1.782169e-03	1.076021e-03
0.035481	4.162976e-04	1.435931e-03	2.968808e-03	2.347846e-03	1.824723e-03	1.364012e-03	8.007048e-04
0.039811	3.323023e-04	1.226269e-03	2.584347e-03	1.982615e-03	1.489662e-03	1.026564e-03	5.885629e-04
0.044668	2.623097e-04	1.035734e-03	2.218749e-03	1.650095e-03	1.193990e-03	7.616307e-04	4.286064e-04
0.050119	2.048867e-04	8.644456e-04	1.874853e-03	1.349860e-03	9.424369e-04	5.579461e-04	3.099814e-04
0.056234	1.584248e-04	7.122255e-04	1.554802e-03	1.083420e-03	7.348078e-04	4.042462e-04	2.232033e-04
0.063096	1.213513e-04	5.787989e-04	1.262995e-03	8.542450e-04	5.672891e-04	2.901680e-04	1.602146e-04
0.070795	9.220039e-05	4.637325e-04	1.004316e-03	6.639398e-04	4.342511e-04	2.068596e-04	1.146886e-04
0.079433	6.959677e-05	3.662121e-04	7.821500e-04	5.100709e-04	3.298079e-04	1.468803e-04	8.175083e-05
0.089125	5.224892e-05	2.849349e-04	5.973958e-04	3.879187e-04	2.486920e-04	1.041504e-04	5.788511e-05
0.100000	3.903036e-05	2.182450e-04	4.481833e-04	2.923223e-04	1.863832e-04	7.392044e-05	4.058703e-05
0.112202	2.902164e-05	1.643743e-04	3.307230e-04	2.183970e-04	1.388940e-04	5.261983e-05	2.842879e-05
0.125893	2.148164e-05	1.216007e-04	2.402546e-04	1.618655e-04	1.028972e-04	3.747382e-05	1.998152e-05
0.141254	1.582255e-05	8.825756e-05	1.718519e-04	1.191301e-04	7.582095e-05	2.680367e-05	1.406172e-05
0.158489	1.159656e-05	6.274046e-05	1.210396e-04	8.714640e-05	5.561660e-05	1.930508e-05	9.868335e-06

0.177828	8.463783e-06	4.361175e-05	8.396495e-05	6.337324e-05	4.060287e-05	1.393243e-05	6.906146e-06
0.199526	6.156956e-06	2.965238e-05	5.736682e-05	4.580247e-05	2.948454e-05	1.003151e-05	4.814601e-06
0.223872	4.468250e-06	1.977908e-05	3.863732e-05	3.290856e-05	2.130145e-05	7.190820e-06	3.327287e-06
0.251189	3.238340e-06	1.298955e-05	2.571997e-05	2.354017e-05	1.532636e-05	5.124893e-06	2.270656e-06
0.281838	2.344008e-06	8.417354e-06	1.698048e-05	1.679144e-05	1.099172e-05	3.628283e-06	1.529193e-06
0.316228	1.692581e-06	5.389866e-06	1.116357e-05	1.194405e-05	7.856433e-06	2.549540e-06	1.014264e-06
0.354813	1.216952e-06	3.419103e-06	7.337577e-06	8.472804e-06	5.590801e-06	1.773259e-06	6.619845e-07
0.398107	8.693683e-07	2.158156e-06	4.836676e-06	6.009018e-06	3.954917e-06	1.215974e-06	4.243368e-07
0.446684	6.161709e-07	1.363026e-06	3.204678e-06	4.262624e-06	2.775486e-06	8.209224e-07	2.673708e-07
0.501187	4.335299e-07	8.665028e-07	2.136367e-06	3.009098e-06	1.927286e-06	5.459695e-07	1.659056e-07
0.562341	3.038946e-07	5.577432e-07	1.429646e-06	2.103884e-06	1.321658e-06	3.575170e-07	1.013090e-07
0.630957	2.134519e-07	3.651074e-07	9.553169e-07	1.457368e-06	8.943229e-07	2.295361e-07	6.071738e-08
0.707946	1.509624e-07	2.433335e-07	6.345387e-07	1.000640e-06	5.970591e-07	1.436448e-07	3.567397e-08
0.794328	1.076329e-07	1.647091e-07	4.183910e-07	6.801408e-07	3.930310e-07	8.723086e-08	2.056493e-08
0.891251	7.715896e-08	1.127907e-07	2.740682e-07	4.569919e-07	2.548259e-07	5.139091e-08	1.167732e-08
1.000000	5.540135e-08	7.788844e-08	1.783909e-07	3.031419e-07	1.627824e-07	2.927189e-08	6.549994e-09
1.122019	3.976832e-08	5.409025e-08	1.152157e-07	1.981913e-07	1.022483e-07	1.595588e-08	3.616094e-09
1.258925	2.859188e-08	3.764957e-08	7.381505e-08	1.276281e-07	6.294693e-08	8.187943e-09	1.958770e-09
1.412538	2.068444e-08	2.619713e-08	4.706896e-08	8.107644e-08	3.791462e-08	3.853754e-09	1.030765e-09
1.584893	1.512133e-08	1.823277e-08	2.999936e-08	5.096015e-08	2.228273e-08	1.622284e-09	5.108587e-10
1.778279	1.118235e-08	1.274797e-08	1.917446e-08	3.177628e-08	1.270219e-08	5.936657e-10	2.233598e-10
1.995262	8.342879e-09	8.999014e-09	1.236662e-08	1.966640e-08	6.965111e-09	1.815920e-10	7.844026e-11
2.238721	6.249847e-09	6.422805e-09	8.118986e-09	1.204808e-08	3.636277e-09	4.454736e-11	1.995609e-11
2.511886	4.678328e-09	4.620597e-09	5.451895e-09	7.266567e-09	1.781535e-09	8.509530e-12	3.336390e-12
2.818383	3.486439e-09	3.333186e-09	3.732723e-09	4.283776e-09	8.029842e-10	1.251267e-12	3.376379e-13
3.162278	2.580939e-09	2.398606e-09	2.583524e-09	2.445745e-09	3.258697e-10	1.426226e-13	1.944898e-14
3.548134	1.895903e-09	1.714622e-09	1.789947e-09	1.335549e-09	1.170761e-10	1.292107e-14	6.120968e-16
3.981072	1.381399e-09	1.213999e-09	1.229639e-09	6.855658e-10	3.692845e-11	9.677244e-16	1.027082e-17
4.466836	9.981427e-10	8.497780e-10	8.289296e-10	3.231488e-10	1.023627e-11	6.238512e-17	9.082612e-20
5.011872	7.149978e-10	5.873803e-10	5.420602e-10	1.356957e-10	2.515746e-12	3.540882e-18	4.258437e-22
5.623413	5.358736e-10	4.283110e-10	3.730535e-10	7.512440e-11	1.313734e-12	1.774259e-18	2.129219e-22
6.309573	3.567495e-10	2.692417e-10	2.040468e-10	1.455313e-11	1.117228e-13	7.635729e-21	0.000000e+00

Farley (31.22° N, 85.11° E), Response Spectra

Frequency (Hz)	UHRS 1E-4 (g)	GMRS (g)	UHRS 1E-5 (g)
0.500000	0.068426	0.083948	0.167309
0.561009	0.076647	0.093731	0.186655
0.629463	0.085705	0.102582	0.203189
0.706269	0.095580	0.110508	0.217000
0.792447	0.107344	0.120091	0.233887
0.889140	0.121212	0.130791	0.252432
0.997631	0.134769	0.140517	0.268889
1.000000	0.135055	0.140724	0.269243
1.122019	0.145432	0.149979	0.286209
1.258925	0.156064	0.158850	0.302149
1.412538	0.163827	0.165170	0.313422
1.584893	0.170629	0.172305	0.327091

1.778279	0.174041	0.174834	0.331460
1.995262	0.174981	0.177085	0.336350
2.238721	0.171809	0.174410	0.331524
2.500000	0.168308	0.171342	0.325923
2.805046	0.158412	0.164974	0.315598
3.147313	0.151535	0.161943	0.311806
3.531344	0.148125	0.161064	0.311459
3.962233	0.148643	0.164281	0.318976
4.445698	0.148754	0.167414	0.326539
4.988156	0.150659	0.171571	0.335636
5.000000	0.150714	0.171671	0.335847
5.610092	0.150031	0.171554	0.335943
6.294627	0.148548	0.170574	0.334377
7.062688	0.144291	0.169021	0.332986
7.924466	0.140449	0.165423	0.326344
8.891397	0.134609	0.156814	0.308514
9.976312	0.127404	0.148194	0.291442
10.000000	0.127256	0.148030	0.291125
11.220185	0.116699	0.135763	0.267007
12.589254	0.109733	0.126210	0.247509
14.125375	0.104330	0.118952	0.232769
15.848932	0.099583	0.114245	0.223903
17.782794	0.097131	0.111039	0.217428
19.952623	0.093184	0.105857	0.206953
22.387211	0.090351	0.102262	0.199743
25.000000	0.089035	0.099150	0.192880
28.050461	0.088471	0.097391	0.188911
31.473135	0.088813	0.096692	0.187037
35.313439	0.089275	0.096252	0.185734
39.622330	0.089683	0.095810	0.184458
44.456985	0.090467	0.095881	0.184227
49.881558	0.091056	0.095897	0.183968
55.968028	0.091077	0.095545	0.183113
62.797161	0.090369	0.094719	0.181489
70.459573	0.088786	0.093366	0.179045
79.056942	0.086195	0.091339	0.175494
88.703347	0.082678	0.088706	0.170965
99.526793	0.079009	0.086099	0.166587
100.000000	0.074172	0.081415	0.157808