

USGS Design Maps Summary Report

User-Specified Input

Report Title Pardee Dam
Fri June 26, 2015 20:42:54 UTC

Building Code Reference Document ASCE 7-10 Standard
(which utilizes USGS hazard data available in 2008)

Site Coordinates 38.248°N, 120.845°W

Site Soil Classification Site Class B – “Rock”

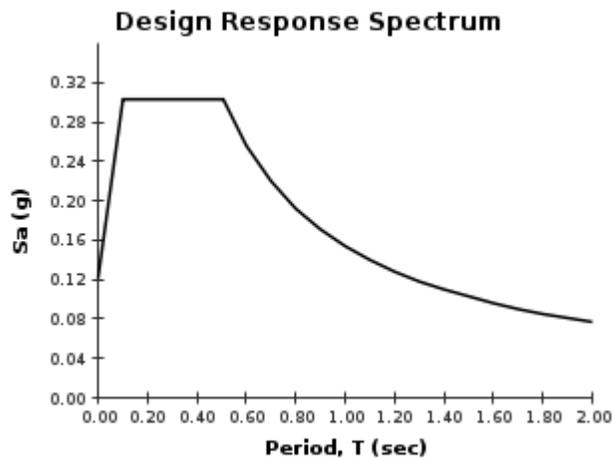
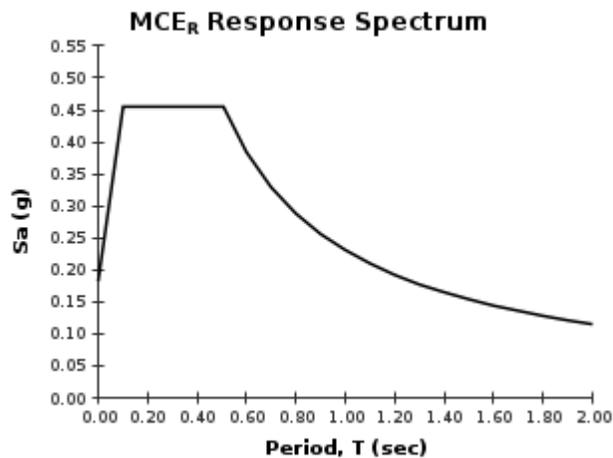
Risk Category IV (e.g. essential facilities)



USGS-Provided Output

$S_s = 0.455 \text{ g}$	$S_{MS} = 0.455 \text{ g}$	$S_{DS} = 0.303 \text{ g}$
$S_1 = 0.231 \text{ g}$	$S_{M1} = 0.231 \text{ g}$	$S_{D1} = 0.154 \text{ g}$

For information on how the S_s and S_1 values above have been calculated from probabilistic (risk-targeted) and deterministic ground motions in the direction of maximum horizontal response, please return to the application and select the “2009 NEHRP” building code reference document.



For PGA_M , T_L , C_{RS} , and C_{R1} values, please [view the detailed report](#).

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