

USGS Design Maps Summary Report

User-Specified Input

Report Title Camanche Dam
Fri June 26, 2015 20:59:54 UTC

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

Site Coordinates 38.22512°N, 121.02631°W

Site Soil Classification Site Class B – “Rock”

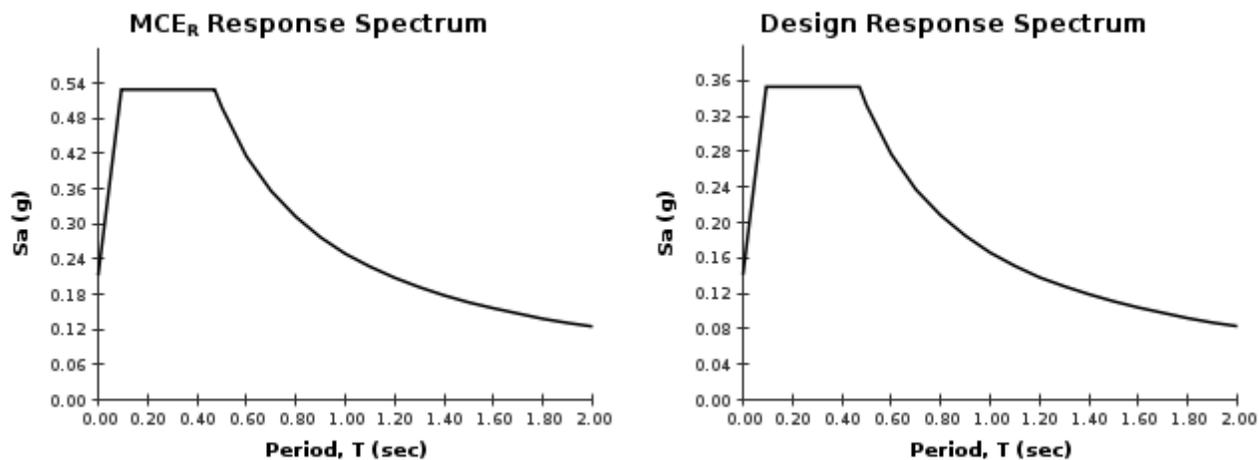
Risk Category IV (e.g. essential facilities)



USGS-Provided Output

$S_S = 0.529 \text{ g}$	$S_{MS} = 0.529 \text{ g}$	$S_{DS} = 0.353 \text{ g}$
$S_1 = 0.249 \text{ g}$	$S_{M1} = 0.249 \text{ g}$	$S_{D1} = 0.166 \text{ g}$

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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