

Intermediate Goal of UGMS

- MCE_R maps for L. A. City
 - Amendment to ASCE 7-16 maps for City
 - Resource to City and consultants
- Look-up tool ~ USGS web app tool

MCE_R Look-up Tool for L. A. City

- Enter Site lat./long.

Lat. 34.05204

Long. -118.25713



MCE_R Look-up Tool for L. A. City

■ Output

Site Class = C

$V_{S30} = 390$ km/sec

$Z_{1.0} = 0.31$ km

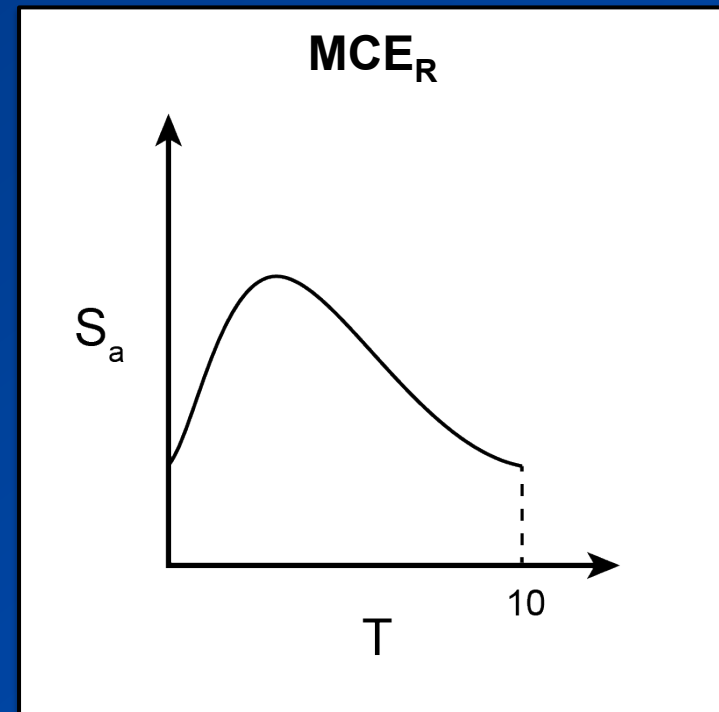
$Z_{2.5} = 2.08$ km

Table : MCE_R S_a vs T

S_{DS} & S_{D1}

per new rules in

Ch. 21 of ASCE 7-16



UGMS Schedule for Look-up Tool

~ 1 year to finalize calcs

~ 1 year to develop tool

Latitude	Optional
<input type="text"/>	Site Class <input type="text"/> ▼
Longitude	V_{s30} <input type="text"/> m/s
<input type="checkbox"/> Compute	<input type="checkbox"/> Compute