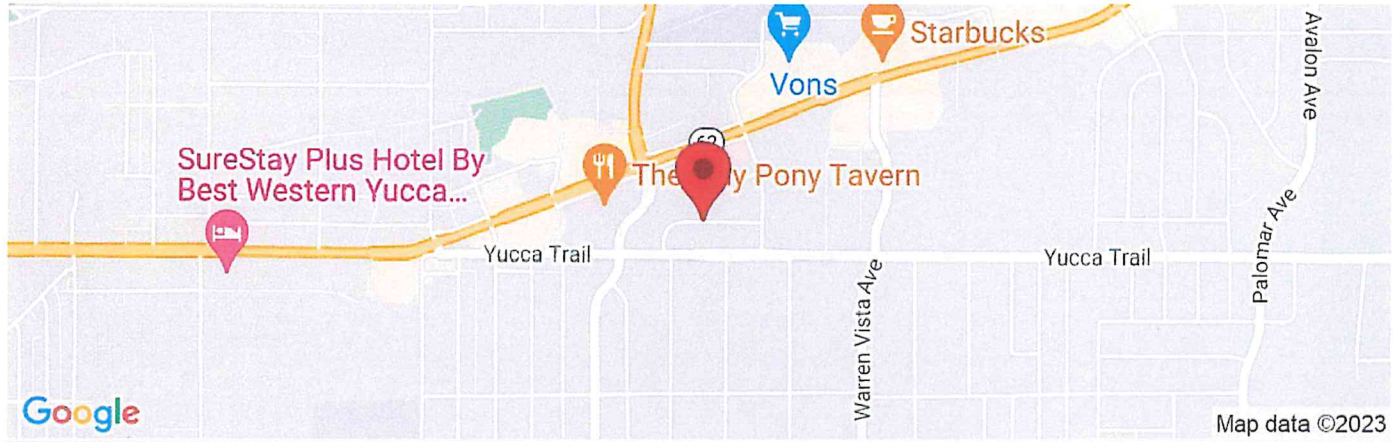




57392 Primrose Dr, Yucca Valley, CA 92284, USA

Latitude, Longitude: 34.121634, -116.4117231



Date	4/27/2023, 10:06:03 AM
Design Code Reference Document	ASCE7-16
Risk Category	II
Site Class	D - Default (See Section 11.4.3)

Type	Value	Description
S _S	2.277	MCE _R ground motion. (for 0.2 second period)
S ₁	0.821	MCE _R ground motion. (for 1.0s period)
S _{MS}	2.732	Site-modified spectral acceleration value
S _{M1}	null -See Section 11.4.8	Site-modified spectral acceleration value
S _{DS}	1.821	Numeric seismic design value at 0.2 second SA
S _{D1}	null -See Section 11.4.8	Numeric seismic design value at 1.0 second SA

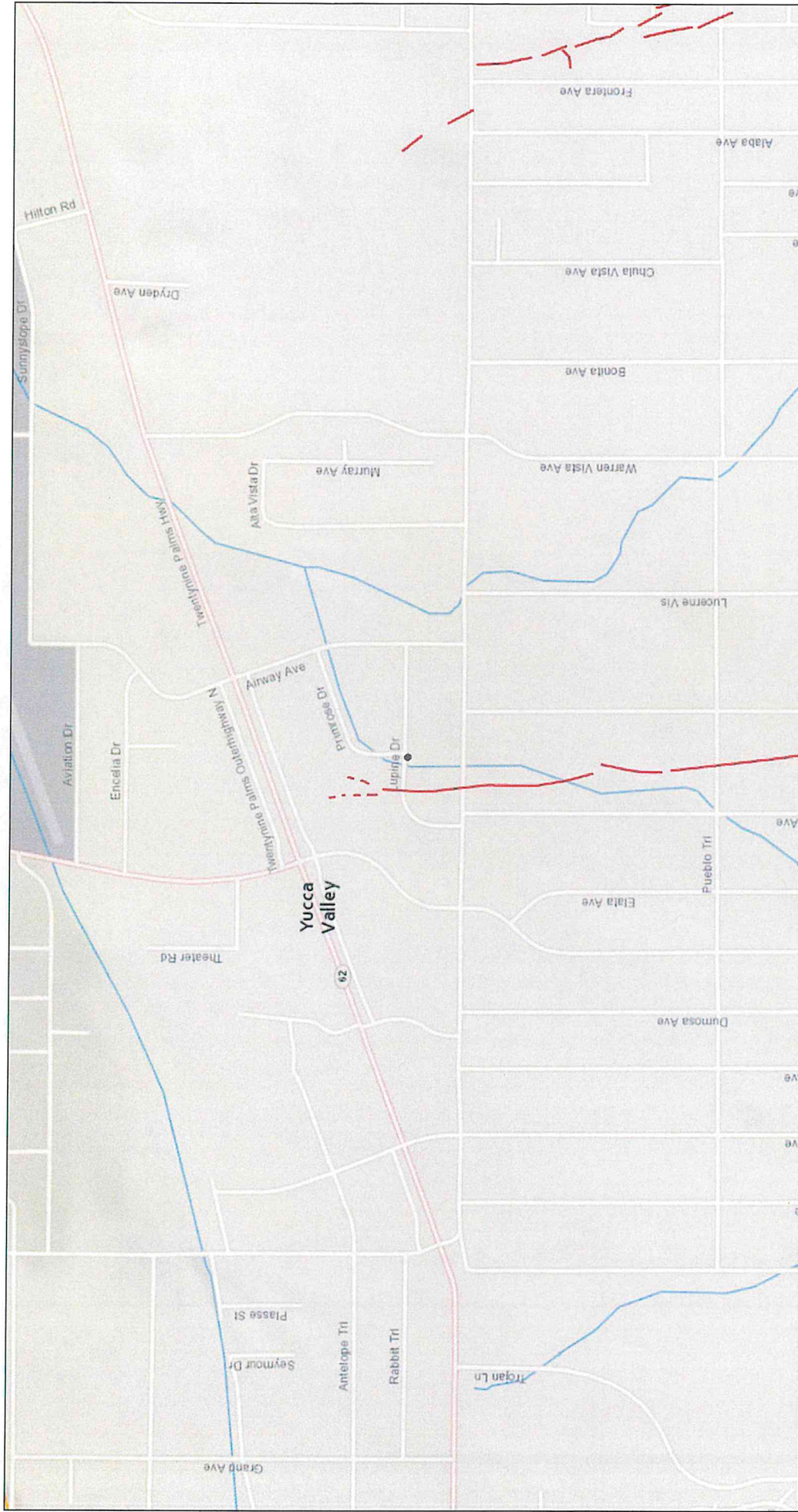
Type	Value	Description
SDC	null -See Section 11.4.8	Seismic design category
F _a	1.2	Site amplification factor at 0.2 second
F _v	null -See Section 11.4.8	Site amplification factor at 1.0 second
PGA	0.945	MCE _G peak ground acceleration
F _{PGA}	1.2	Site amplification factor at PGA
PGA _M	1.134	Site modified peak ground acceleration
T _L	8	Long-period transition period in seconds
SsRT	2.305	Probabilistic risk-targeted ground motion. (0.2 second)
SsUH	2.55	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration
SsD	2.277	Factored deterministic acceleration value. (0.2 second)
S1RT	0.821	Probabilistic risk-targeted ground motion. (1.0 second)
S1UH	0.924	Factored uniform-hazard (2% probability of exceedance in 50 years) spectral acceleration.
S1D	0.837	Factored deterministic acceleration value. (1.0 second)
PGAd	0.945	Factored deterministic acceleration value. (Peak Ground Acceleration)
PGA _{UH}	0.988	Uniform-hazard (2% probability of exceedance in 50 years) Peak Ground Acceleration
C _{RS}	0.904	Mapped value of the risk coefficient at short periods
C _{R1}	0.889	Mapped value of the risk coefficient at a period of 1 s

Type	Value	Description
C _v	1.5	Vertical coefficient

DISCLAIMER

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U.S. Geological Survey Quaternary Faults



3/1/2023, 8:58:27 AM

- Fault Areas**
- Class B
 - historic
 - late Quaternary
 - latest Quaternary
 - middle and late Quaternary
 - National Database
- Historic (< 150 years), moderately constrained location**
- Historic (< 150 years), inferred location
 - Latest Quaternary (< 15,000 years), well constrained location
 - Latest Quaternary (< 15,000 years), moderately constrained location
 - Latest Quaternary (< 15,000 years), inferred location
 - Late Quaternary (< 130,000 years), well constrained location
 - Late Quaternary (< 130,000 years), moderately constrained location
 - Late Quaternary (< 130,000 years), inferred location
 - Middle and late Quaternary (< 750,000 years), well constrained location
 - Middle and late Quaternary (< 750,000 years), moderately constrained location
 - Middle and late Quaternary (< 750,000 years), inferred location
 - Undifferentiated Quaternary (< 1.6 million years), well constrained location
 - Undifferentiated Quaternary (< 1.6 million years), moderately constrained location
 - Undifferentiated Quaternary (< 1.6 million years), inferred location
- Scale:** 1:9,028
- 0 0.07 0.15 0.3 0.3 mi
- 0 0.15 0.3 0.6 km
- National Geographic, Esri, Garmin, HERE, UNEP-IIEP-WCNC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp.
- USGS
National Geographic, Esri, Garmin, HERE, UNEP-IIEP-WCNC, USGS, NASA, ESA, METI, NRCAN, GEBCO, NOAA, increment P Corp. | USGS |