



Building & Safety Division

Community Development

919 Palm Street, San Luis Obispo, CA 93401-3218

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BUILDING DESIGN CRITERIA

RAINFALL & STORM DRAINAGE

2016 CPC Chapter 11 Appendix “D” Table D-101.1

100 year, 60-minute duration

1.5 inches/hour

0.016 GPM/SF

GROUND SNOW LOADS

2016 CBC Volume 2 Section 1608 & Figure 1608.2- **None**

<http://snowload.atcouncil.org/>

WIND SPEED

2016 CBC Volume 2 Section 1609 & Table 1609.3.1- **110 mph (ult.)**

<http://windspeed.atcouncil.org/>

SEISMIC DESIGN- **Site Soil Classification**

Location specific by longitude and latitude- As required by 2016 CBC Section 1613 or as determined by Soils Engineer

<https://earthquake.usgs.gov/designmaps/us/application.php>

PLUMBING FIXTURES

2016 CPC Table 422.1 using occupant loads factor from CPC Chapter 4, Table A

CLIMATE ZONE

Zone 5 - Per 2016 California Energy Code

CRC Table R301.2(1)

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

GROUND SNOW LOAD	WIND DESIGN				SEISMIC DESIGN CATEGORY f	SUBJECT TO DAMAGE FROM			WINTER	ICE BARRIER UNDERLAYMENT REQUIRED h	FLOOD HAZARDS g	AIR FREEZING INDEX i	MEAN ANNUAL TEMP i
	Speed d (mph)	Topographic effects k	Special wind region l	Wind-borne debris zone m		Weathering a	Frost line depth b	Termite c					
0	110	YES	YES	NO	D	Negligible	0	Very High	40(°F)	NO	Refer to Chapter 17.84 of San Luis Obispo Municipal Code	0	58.9(°F)

See page 46, 2016 CRC for footnotes