



**CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA\***

**Middleton, Idaho - Elevation 2401.6 ft**

SNOW LOAD*	WIND DESIGN				SEISMIC DESIGN CATEGORY <sup>f</sup>	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP <sup>e</sup>	ICE BARRIER UNDER LAYMENT REQUIRED <sup>h</sup>	FLOOD HAZARDS <sup>g</sup>	AIRFREEZING INDEX <sup>i</sup>	MEAN ANNUAL TEMP <sup>j</sup>
	Speed <sup>d</sup> (mph)	Topographic effects <sup>k</sup>	Special wind region <sup>l</sup>	Wind-borne debris zone <sup>m</sup>		Weathering <sup>a</sup>	Frost line depth <sup>b</sup>	Termite <sup>c</sup>					
20 psf Ground Snow per R301.2(6) and ASCE 7-16. Roof Snow Load 25 psf	115 IRC or ASCE 7-16, IBC per Risk Cat.	No	No	No	B or C per R301.2(2) or ASCE 7-16, IBC 1613	Severe R301.2(4)	24" or per GeoTech Soils Report	Slight to Moderate	10 Degrees	No	Floodplain (Ord. 531, 4-2-2014) in effect with current FIRM maps as adopted.	838	51.8 Degrees F

\*Site-specific hazard information tools can be used to determine design loads for buildings and other structures based on Risk Category - IBC T1604.5.

**IECC - Climate Zone 5B**

\*Design roof load shall not be less than a uniform snow load of 25 psf.

ASCE 7-16 - <https://ascehazardtool.org>