## CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA*

**Middleton, Idaho** - Elevation 2401.6 ft

| SNOW LOAD* (Pg) | WIND DESIGN | | | | SEISMIC DESIGN CATEGORY[f] | SUBJECT TO DAMAGE FROM | | | WINTER DESIGN TEMP[e] | ICE BARRIER UNDER LAYMENT REQUIRED[h] | FLOOD HAZARDS[g] | AIRFREEZING INDEX[i] | MEAN ANNUAL TEMP[j] |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | Speed[d] (mph) | Topographic effects[k] | Special wind region[l] | Wind-borne debris zone[m] | | Weathering[a] | Frost line depth[b] | Termite[c] | | | | | |
| **20 psf** Ground Snow per **R301.2(6)** and **ASCE 7-16.** Roof Snow Load **25 psf** | **115** IRC or IBC **ASCE 7-16** per Risk Cat. | No | No | No | **B** or **C** per Default Soil Class D | **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 25psf

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

ATC Hazards by Location - https://hazards.atcouncil.org