

Adopted Codes & Climatic & Geographic Design Criteria

2024

Climatic & Geographic Design Criteria

Table R301.2 (1) – 2015 IRC

- **Roof & Ground Snow Load** – 20 psf
(min roof live load is 20 psf)
- **Wind Speed** – 85 mph / Exposure C
(3 second gust) [ATC Hazards Map](#)
- **Seismic Design Category** – C
[FEMA Hazard Map](#)
- **Weathering** – Severe
- **Frost Line Depth** – 24 inches
- **Termite Damage** – Slight to Moderate
- **Decay Damage** – None

** 24" Ice and water shield is required

Design Temperatures

- **Mean Annual Design Temp.** – 50°F
- **Outside Design Temp (Heat/Cool)-**
11°F / 101°F
- **Summer Range (Degrees)** - 30°F
- **Yearly Average (Degrees)** - 50°F
- **Average No. of Clear Days** – 225
(occurs primarily between April 1 –
Nov 1)
- **Air Freezing Index** – 808
- **Elevation Above Sea Level** – 661 ft

Adopted Codes

All Washington State Amendments can be found
on the Washington State Building Code Council
Website at <https://apps.des.wa.gov/SBCC/>

- **2021 WA State Building Code**
- **2021 WA State Fire Code**
- **2021 WA State Residential Code**
- **2021 WA State Existing Building
Code**
- **2021 Uniform Plumbing Code**
- **2021 WA State Energy Code**
- **2015 IPSC**
(International Pool & Spa Code)

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