

Use the Oregon Snow Load Map, provided by the Structural Engineers Association of Oregon, for site-specific snow load determination. Follow these steps to help you through the process.

Example: Building Codes Division

Address: 1535 Edgewater Street Northwest, Salem, OR 97304
Latitude: 44.938536 (decimal degrees)
Longitude: -123.064229 (decimal degrees)
Elevation: 157 feet

**Snowload.seao.org/
 lookup**

1. Visit the website
2. Enter the latitude and longitude coordinates in decimal degrees format

Obtain the site-specific latitude and longitude in decimal degrees format and the project elevation.

Oregon Snow Loading

The design ground snow of any location in the state of Oregon may be determined by entering the latitude and longitude of your site into the boxes below. The tool provides the design ground snow load (pg in ASCE7*) for your site. The design ground snow load values can also be viewed on the [online map](#). Users are strongly recommended to review the [Map Usage Notes](#).

Ground snow loads are very sensitive to geographic location, and particularly sensitive to elevation. It is recommended that the latitude and longitude values be entered with a precision of 0.001 (about 105 yards).

* ASCE Standard (ASCE/SEI 7-10) Minimum Design Loads for Buildings and Other Structures published by the American Society of Civil Engineers.

Latitude - Longitude Lookup

Latitude:
 Longitude:
 Enter Coordinates (Decimal Degrees)

Get Snow Load

Enter the coordinates and select "Get Snow Load"

3. Select "Get Snow Load"

If the modeled elevation reported by the tool is greater than or equal to the actual project elevation, no adjustment is required. Otherwise, adjustment of the reported ground snow load is required. The greater of the ground snow load determined by the process outlined above and the code minimum of 36 psf is used for application of prescriptive design tables.

Snow load results

1. 157 ft. elevation
2. Ground snow load = 10 psf
3. (no adjustment required)
4. Use the greater of the adjusted ground snow load and the 36 psf minimum ground snow load.

Latitude - Longitude Lookup

Results | Elevation | Modeling Limitations

Results

Latitude: 44.938536
 Longitude: -123.064020
 Snow Load: 10.0 psf
 Modeled Elevation: 347 ft