

Snow Load

Roof snow load criteria for Ouray County are determined by building site elevation, as follows:

<u>Elevation</u>	<u>Snow Load</u>
Under 6,500 ft.....	24.5 psf
6,550-7,000 ft.....	31.5 psf
7,000-7,500 ft.....	38.5 psf
7,500-8,000 ft.....	46.9 psf
8,000-8,500 ft.....	56.0 psf
8,500-9,000 ft.....	66.5 psf
9,000-9,500 ft.....	78.4 psf
9,500-10,000 ft.....	91.0 psf
10,000-10,500 ft.....	105.0 psf
10,500-11,000 ft.....	121.0 psf
11,000-11,500 ft.....	138.6 psf
11,500-12,000 ft.....	157.5 psf
12,000-12,500 ft.....	177.8 psf
12,500-13,000 ft.....	200.2 psf

- **Wind Load:** The minimum basic wind speed for determining design wind pressure at any site shall not be less than 90 miles per hour, 3 second gusts sustained (115 ultimate)
- **Frost Depth:** The mean frost depth in Ouray County has been established at thirty-six (36) inches. Frost depth will be measured from the top of the footer to finished grade.
- **Seismic Design Category :** Category C
- **Weathering:** Severe
- **Termite:** None/Slight
- **Decay:** Slight
- **Winter Design Temperature:** -16 degrees F
- **Ice Shield:** Yes
- **Flood Hazards:** See Section 10 of the Ouray County Land Use Code
- **Air Freezing Index:** 2000 (BF/days)
- **Mean Annual Temperature:** 44 degrees F