



Maine Snow Loads

Maine Uniform Building and Energy Code (MUBEC) | ASCE 7-16

The following instructions are a guide to help code enforcement officials and designers determine ground snow loading across the State of Maine that meet MUBEC requirements.

To determine ground snow loads for the MUBEC:

- 1) Use the following website and enter the exact address of the site to be designed:

<https://ascehazardtool.org/>

- 2) Select “ASCE/SEI 7-16” under Standard Version
- 3) Select the appropriate Risk Category (Reference IBC Table 1604.5)
- 4) Check “Snow” for Load Type
- 5) Click “View Results”
- 6) Snow load in lb/ft² is displayed on next sheet

If “Case Study Required” is displayed, click the return button in the upper right corner and follow the below instructions.

- 1) Select “ASCE/SEI 7-22” under Standard Version
- 2) Select the appropriate Risk Category
- 3) Check “Snow” for Load Type
- 4) Click “View Results”
- 5) The Snow Load given should be reduced by the following equation to bring it to ASCE/SEI 7-16 loads:

$$SL_{22} * 0.70 = SL_{16} \text{ (Value not less than 100 lb/ft}^2\text{)}$$

where:

SL_{22} = Snow load from ASCE/SEI 7-22

SL_{16} = Snow load to be used for MUBEC (*minimum value 100 lb/ft²*)

Location	
Elevation	1034 ft with respect to North American Vertical Datum of 1988 (NAVD 88)
Lat:	45.459438
Long:	-69.591355
Standard:	ASCE/SEI 7-16
Risk Category:	II
Soil Class:	

Snow	Overlay
Case Study Required	<input type="checkbox"/>

DETAILS
FULL REPORT
SUMMARY