

Design Element Criteria for Heber City

Effective July 1, 2019.

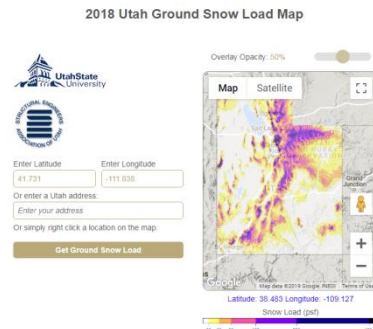
Governing Codes: 2018 I-Codes except the IRC which remains 2015, 2017 NEC, and 2018 IRC Appendix Q,

- A. One and two family dwellings and townhomes (zero lot line one family dwellings) **2015 IRC**. Engineered residential structures- Section 2308 2018 IBC
- B. All other buildings and structures shall conform to the **2018 Codes and 2017 NEC**.

GROUND SNOW LOAD	WIND DESIGN		SEISMIC DESIGN CATEGORY	SUBJECT TO DAMAGE FROM			WINTER DESIGN TEMP	ICE BARRIER UNDERLAYMENT REQUIRED	FLOOD HAZARDS	AIR FREEZING INDEX	MEAN ANNUAL TEMP
	Speed (mph) (3-sec. gust)	Topographic effects		Weathering	Frost line depth	Termite					
Varies Use link	105	C	D or	N/A	36	N/A	4°-94°	YES	FIRM 3/15/2012	99%	44.4°

Construction Documents (plans) are to include the following information (2018 IBC 1603.1)

1. Floor and roof dead and live loads –
2. Ground snow load Pg. Is to be determined using the calculator found at site below.



[\(https://utahsnowload.usu.edu/\)](https://utahsnowload.usu.edu/)

3. Basic design wind speed V (mph) 105mph
4. Seismic design category
5. Site class –D-default.
6. Flood design data, if in a flood hazard areas established in Section 1612.3
7. Design load-bearing values of soil –
8. Rain load data –can be found at this site: <https://asce7hazardtool.online/>