



Design Criteria, Effective April 18, 2026

The design criteria for construction at most locations within West Valley City, Utah is as follows:

TABLE R301.2 (1)
CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA

Ground Snow Load	Wind Speed (MPH) CAT II Structures	Seismic Design Categories	Winter Design Temp	Ice Shield Underlayment Required	Air Freezing Index	Mean Annual Temperature
IBC Chapter 16	103 MPH	D	8°F	Yes	<1000	53°F

Subject to Damage From

Weathering	Frost Line	Termite	Decay	Flood Hazards	Overpressure Zone
Severe	30"	Slight	None to Slight	Original entry into NFIP - 1980 Effective FIRM & FBRM - 9/21/01	See WVC Municipal Code 7-10*

Adopted Code:

2021 International Residential Code
2021 IRC Chpt 11 - per State Amendments
2024 International Building Code
2009 ICC A117.1 Accessibility
2024 International Fire Code
2024 International Plumbing Code

2024 International Mechanical Code
2024 International Fuel Gas Code
2024 International Energy Conservation Code
ASHRAE Standard 90.1-2016 (Energy)
2023 National Electrical Code

*WVC Over Pressure Zone Ordinance may apply to new structures in the southwest corner of the city.

Call 801-963-3519 for details and confirmation.