



City of Flagstaff
Building Safety Program
211 West Aspen Avenue
Flagstaff, Arizona 86001
www.flagstaff.az.gov

BUILDING DESIGN CRITERIA

2018 International Residential Code (IRC) Table R301.2(1) as amended:

Ground snow load: 60 psf
Wind design – Speed (mph): 115
Wind design - Topographic Effects: NO
Wind design – Special wind region: NO
Wind design – Windborne debris zone: NO
Seismic design category: C
Subject to damage from – Weathering: Moderate
Subject to damage from – Frost line depth: 30 inches
Subject to damage from - Termite: Moderate to heavy
Winter design temperature: 4 degrees F
Ice barrier underlayment required: YES
Flood hazards: a)12-16-1975, b)01-19-1983, c)09-03-2010*
Air freezing index: 1013
Mean annual temperature: 45.4 degrees F

Residential heating and cooling equipment sizing using Manual J is optional per 2018 IRC M1401.3. When opting to use ACCA Manual J for HVAC system design, the criteria shall be from ACCA Manual J, Table 1A for Arizona, Flagstaff AP.

*The flood hazard dates reflect the current National Flood Insurance Program and the date of the currently effective "FIRM" Map (used by the City of Flagstaff). These maps are updated by the issuing agency and adopted by Flagstaff Water Services - Stormwater Management without notice.