



**Madison County Building Department**  
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## Local Design Criteria

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

Frost Line Depth	18 inches
Ground Snow Load	30 psf
Wind Speed (Vult)	115 mph
Topographical Effects	Yes
Residential Seismic Design Category	B
Seismic $MCE_R$ ground motion (period=0.2s)	0.165
Seismic $MCE_R$ ground motion (period=1.0s)	0.061
Weather probability for concrete	Severe
Termite infestation probability	Moderate to severe
Decay probability	Moderate
Ice barrier required	Yes
Winter Design Temperature	10 degrees (F)
Air Freezing Index	500
Mean Annual Temperature	53 degrees (F)
Flood Hazards Initial Entry into the NFIP Current effective date of FIS & FIRM	Yes: Zones A, AE & X April 3, 1989 September 18, 2020