



Town of Carbondale
511 Colorado Ave
Carbondale, CO 81623

Climate and Geographic Design Criteria

Ground Snow Load	90 lbs
Roof Snow Load	40 lbs Adopted by the Town
Wind Speed	90 mph
Wind Topographic Effects	NO
Seismic Design Category	C
Weathering	Severe
Frost Line Depth	36 Inches
Termite Damage	Slight to Moderate
Winter Design Temperature	5 Degrees
Ice Barrier Underlayment Requirement	Yes
Flood Hazards	1986
Air Freezing Index	2500
Mean Annual Temp	45 Degrees

**Refer to footnotes in the 2003 IRC Table R301.2(1) for additional information

2009 IECC Climate Zone Revised to 6B **Minimum Values**

Ceilings	R-49
Walls	R-20
Floors	
R-19 if joists do not accommodate R-30	R-30
Basement Wall	
R-10 Continuous	R-13 for Cavity Insulation
Slab Edge	
Unheated R-10	Heated R-15
Crawl Space Walls	
R-10 Continuous	R-13 for Cavity Insulation
Windows	U 0.35
Skylights	U 0.60
Minimum Boiler/Furnace Afue	
Less than 3000 sq. ft. Tier 1	87% - 88%
3000 - 4999 sq. ft. Tier 2	90% - 94%
5000 - 8000 sq. ft. Tier 3	92% - 94%
Greater than 8000 sq. ft. Tier 4	94% - 95%
Heated Slabs	R-5