



Town of Carbondale
511 Colorado Ave
Carbondale, CO 81623

Climate and Geographic Design Criteria

Ground Snow Load	50 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
Summer Design Temperature	87 Degrees
Ice Barrier Underlayment Requirement	Yes
Flood Hazards	1986
Air Freezing Index	2500
Mean Annual Temp	45 Degrees

2015 IECC Climate Zone Revised to 6B Minimum Values

Ceilings	R-49
Walls cavity insulation + continuous insulation	R20+R5 or R13+R10
Floors	
R-19 if joists do not accommodate R-30	R-30
Basement Wall	
R-15 Continuous	R-19 for Cavity Insulation
Slab Edge	
Unheated R-10	Heated R-15
Crawl Space Walls	
R-15 Continuous	R-19 for Cavity Insulation
Windows	U 0.32
Skylights	U 0.55
Heated Slabs	R-5