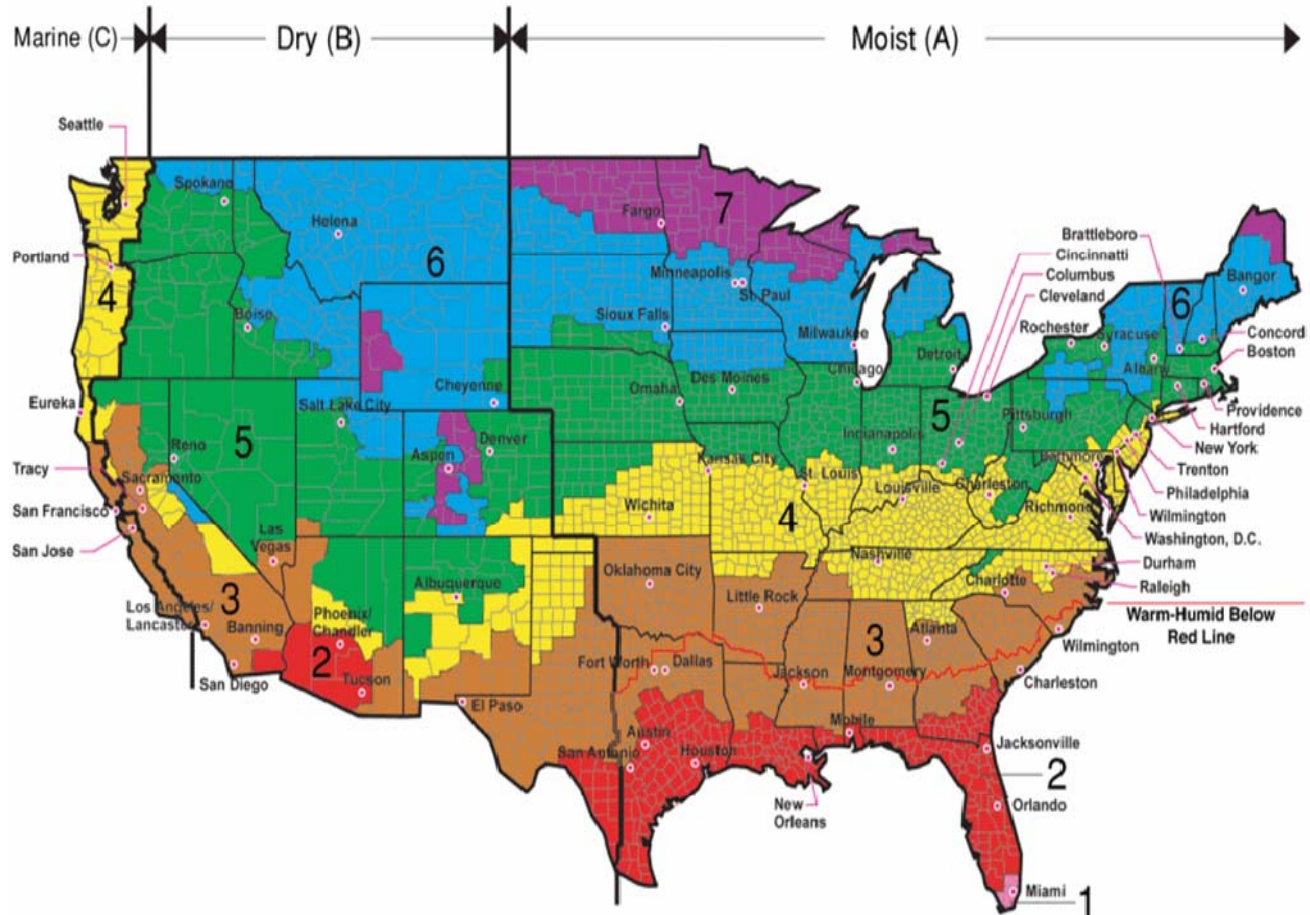


CLIMATE ZONE MAP



All of Alaska in Zone 7 except for the following Boroughs in Zone 8: Bethel, Dellingham, Fairbanks, N. Star, Nome North Slope, Northwest Arctic, Southeast Fairbanks, Wade Hampton, and Yukon-Koyukuk

Zone 1 includes: Hawaii, Guam, Puerto Rico, and the Virgin Islands

The following chart is to provide a guide to understanding the Energy Code requirements for the different climate zones and which version of the IECC code applies for each state or territory in the USA.

The information is intended to provide a general guide for designing a roof assembly with the minimum amount of insulation required for that area by the current applicable code. It is highly recommended to contact the Authority Having Jurisdiction in each specific location the roof system is to be installed to determine the current code requirement.

This information applies to commercial low slope roof construction with continuous insulation installed above the roof deck. The information is based on the ICC codes adopted by the States as of January 2015 and the International Energy Conservation Code (IECC), and the International Green Construction Code, (IgCC) requirements.

Climate Zone	IgCC	2012 IECC	2009 IECC	2006 IECC	2003 IECC****
	Min. R Value	Min. R Value	Min. R Value	Min. R Value	Min. R Value
1	22.5*	20.0 *	15.0	15.0	
2	22.5*	20.0 *	20.0	15.0	
3	22.5*	20.0 *	20.0	15.0	R18 - R20
4	28.0 **	25.0 **	20.0	15.0	
5	28.0 **	25.0 **	20.0	20.0	
6	34.0 **	30.0 **	20.0	20.0	
7	39.0 **	35.0 **	25.0	25.0	
8	39.0 **	35.0 **	25.0	25.0	

* Climate Zones 1, 2, and 3 with roof slopes less than or equal to 2” in 12” slope require one of the following type of CRRC rated roof covers to be installed:

Initial Solar Reflectance = .70 Initial Thermal Emittance = .75
 3 year aged Solar Reflectance = .55 3 year aged Thermal Emittance = .75
 Initial Solar Reflectance Index (SRI) = 82
 3 year aged Solar Reflectance Index (SRI) = 64

** Climate Zones 4,5,6,7, and 8 require the installation of a continuous air barrier.

*** The 2003 IECC had Climate Zones ranging from Zone 1 through Zone 19. Currently the only State using the 2003 IECC version is Oklahoma. Under the 2003 IECC Oklahoma had 6 climate zones. Refer to the climate zone map in the 2003 IECC to determine the appropriate zone and R value to apply.

The following States or Districts have approved the 2012 IgCC:

AZ, CO, DC, FL, MD, NH, NC, OR, RI, WA

The following States or Districts have approved the 2012 IECC:

CO, DC, DE, IA, IL, IN, KY, MA, MD , MO, MT, ND, NV, OR, RI, UT,VA,WA, WY,
 US Virgin Islands

The following States or Districts have approved the 2009 IECC:

AL, AR, CT, FL, GA, KS, ID, LA, ME, MI, NC, NE, NH, NJ, NM, NY, OH, PA, SC, SD, TX, VT,
 WI, WV, Guam, Puerto Rico,

The following States or Districts have approved the 2006 IECC: AK, MN, TN, HI

The following States or Districts have approved the 2003 IECC: OK, N. Mariana Islands