



Current Building Codes

JUNEAU PERMIT CENTER, 230 S FRANKLIN ST, MARINE VIEW BUILDING 4TH FLOOR, (907) 586-0770

CURRENT CODES: as of 07/05/2017

- 2012 International Building Code
- 2012 International Residential Code
- 2012 International Mechanical Code
- 2012 Uniform Plumbing Code
- 2012 International Fuel Gas Code
- 2012 International Fire Code
- 2012 International Existing Building Code
- 2012 International Property Maintenance Code
- 2014 National Electrical Code
- CBJ 19.12 Excavation and Grading Code

LOCAL MODIFICATIONS:

Adoption and modification of the above listed model codes are contained in CBJ Title 19 Building Regulations, which can be accessed at: <http://www.juneau.org/cddftp/ordinances.php>

STRUCTURAL DESIGN CRITERIA:

Snow	50 psf Roof Snow Load, 70 psf Ground Snow Load
Decks	50 psf Live Load (plus dead load / actual material weights)
Wind	105 mph 3-Second Gust Wind Speed (116mph south of JD Bridge, see Juneau 3-Second Gust Wind Speed Map, page 2.)
Wind Exposure	B, C, or D depending on site.
Seismic	IBC: Use ICC referenced CD-ROM <i>Seismic Design 3.01</i> or figure 1613.5(12) with the listed explanation and references. IRC: <u>Seismic Design Category: D1</u>
Design Frost Depth	32 inches

ADDITIONAL CLIMATE DATA:

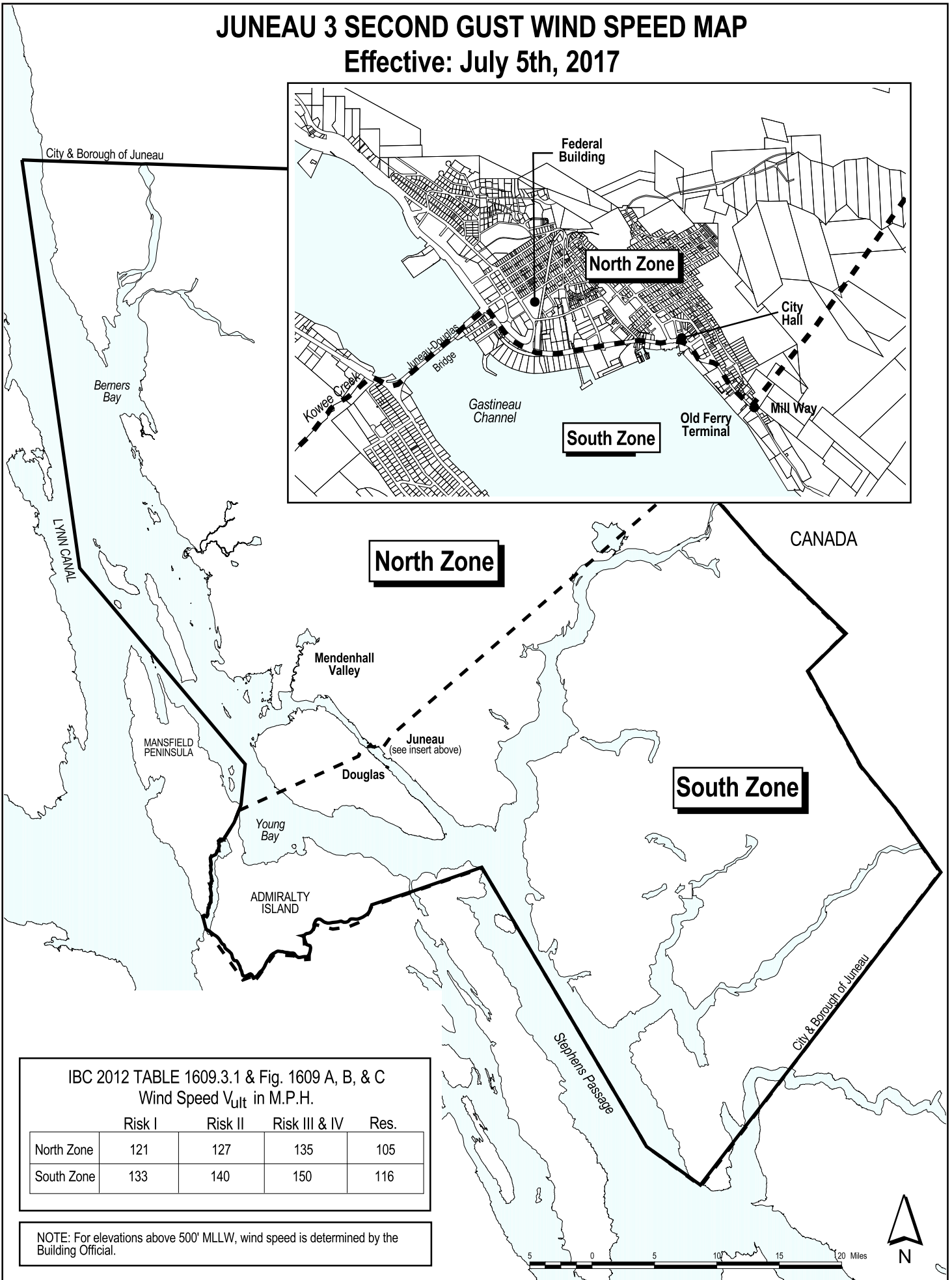
Heating Degree Days	8574 (based on 29 year average and 65 deg F interior temperature)
Design Temp. (97.5%)	-4 degrees F
Minimum Temperature	-22 degrees F
Maximum Temperature	86 degrees F
Mean Annual Temp.	40 degrees F
Freezing Degree Days	493 degrees F x days
Annual Mean Precipitation	52.8 in
Prevailing Wind Direction	ESE
Mean Wind Speed	8.6 mph

DATA SOURCES:

Alaska Climate Research Center = HDD, Mean Annual Temp & Precipitation; ASHRAE Handbook = Design Temperature, Min and Max Temp.; CBJ Building Division = Frost depth

JUNEAU 3 SECOND GUST WIND SPEED MAP

Effective: July 5th, 2017



IBC 2012 TABLE 1609.3.1 & Fig. 1609 A, B, & C
Wind Speed V_{ult} in M.P.H.

	Risk I	Risk II	Risk III & IV	Res.
North Zone	121	127	135	105
South Zone	133	140	150	116

NOTE: For elevations above 500' MLLW, wind speed is determined by the Building Official.