ERRATA SHEET FOR
ANSI/ASHRAE STANDARD 169-2013
Climatic Data for Building Design Standards

April 8, 2020

The corrections listed in this errata sheet apply to all copies of ANSI/ASHRAE Standard 169-2013. The outside back cover marking identifying the first printing is "Product code: 86179 11/13". The shaded items have been added since the previously published errata sheet dated January 12, 2017 was distributed. *NOTE: Additions are shown in underline and deletions are shown in ~~strikethrough~~.*

Page(s)	Erratum
5-6	**A3. CLIMATE ZONE DEFINITIONS**

To determine the climate zones for locations not listed in this standard~~s~~, use the following information to determine climate zone numbers and letters.

Determine the thermal climate zone, 0–8, from Table A-3, using the heating and cooling degree-days for the location.

Determine the moisture zone (Marine, Dry or Humid):

a. If monthly average temperature and precipitation data are available, use the Marine, Dry, and Humid definitions below to determine the moisture zone (C, B, or A).

b. If ~~monthly or~~ annual average temperature information (including degree-days) and ~~only~~ annual precipitation (i.e. annual mean) are available, use the following to determine the moisture zone.~~:~~ If the moisture zone is not Marine, then use the Dry definition below to determine whether Dry or Humid.

   1. If thermal climate zone is 3 and CDD50ºF ≤ 4500 (CDD10ºC ≤ 2500), climate zone is Marine (3C).

   2. If thermal climate zone is 4 and CDD50ºF ≤ 2700 (CDD10ºC ≤ 1500), climate zone is Marine (4C).

   3. If thermal climate zone is 5 and CDD50ºF ≤ 1800 (CDD10ºC ≤ 1000), climate zone is Marine (5C).

~~and the third criteria below for determining the Dry/Humid threshold if not Marine (C).~~

c. If only degree-day information is available, use the following to determine the moisture zone.~~:~~ If the moisture zone is not Marine, then it is not possible to assign Humid or Dry moisture zone for this location.

   1. If thermal climate zone is 3 and CDD50ºF ≤ 4500 (CDD10ºC ≤ 2500), climate zone is Marine (3C).

   2. If thermal climate zone is 4 and CDD50ºF ≤ 2700 (CDD10ºC ≤ 1500), climate zone is Marine (4C).

   3. If thermal climate zone is 5 and CDD50ºF ≤ 1800 (CDD10ºC ≤ 1000), climate zone is Marine (5C).

~~It is not possible to assign Dry/Humid splits in this case.~~

13 **Table A-4 United States Stations and Climate Zones**

State/LOCATION	WMO #	C Z
Alaska		
ANNETTE ISLAND AP	703980	5~~A~~C
KETCHIKAN INTL AP	703950	5~~A~~C
KLAWOCK	703894	5~~A~~C
SITKA JAPONSKI AP	703710	5~~A~~C

24-25 **Table A-5 Canada Stations and Climate Zones**

Province/LOCATION	WMO #	CZ
British Columbia		
BONILLA ISLAND (AUT)	714840	5~~A~~C
CUMSHEWA ISLAND	717710	5~~A~~C
HERBERT ISLAND (AUT)	714850	5~~A~~C
HOLLAND ROCK	712190	5~~A~~C
LANGARA	718990	5~~A~~C
LUCY ISLAND LIGHTSTATION	712200	5~~A~~C
PORT HARDY A	711090	5~~A~~C
PRINCE RUPERT A	718980	5~~A~~C
SANDSPIT A	711010	5~~A~~C
SARTINE ISLAND (AUT)	714780	5~~A~~C
SOLANDER ISLAND (AUT)	714790	5~~A~~C

61 **TABLE A-6 International Stations and Climate Zones.** The city Slavonski Brod is incorrectly located under the country of Slovenia, the city is actually located in Croatia. In Table A-6 move Slavonski Brod from Slovenia (SVN) on page 61 to Croatia (HRV) on page 38.

69 **Figure B-1 Climate zones for United States counties.** In Figure B-1 change moisture zone "**Moist (A)**" to "**Humid (A)**".

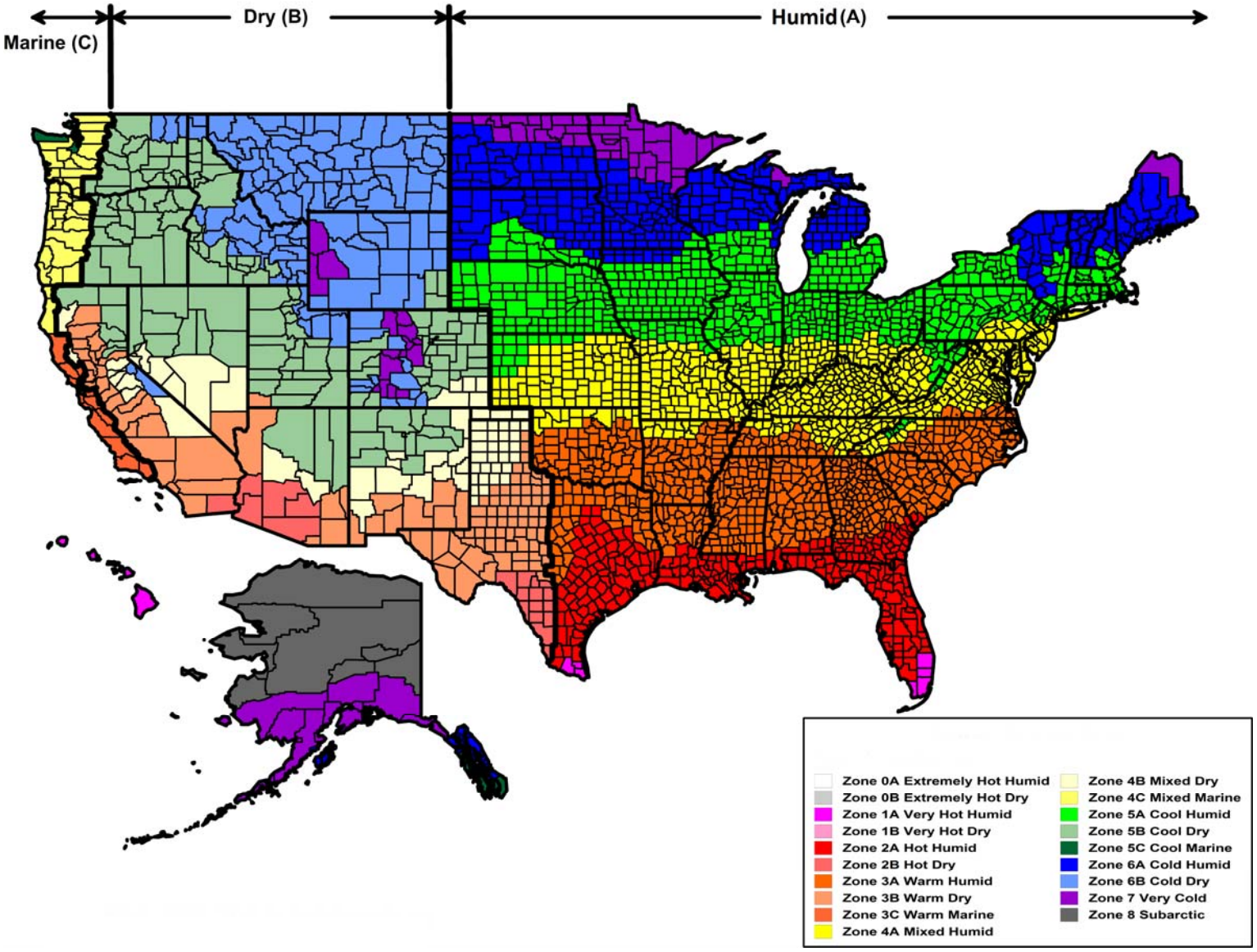
70 **Table B-1 U.S. Climate Zones by State and County**

State/County	Zone
Alaska	
Ketchikan Gateway	5~~A~~C
Prince of Wales-Outer Ketchikan	5~~A~~C
Sitka	~~6A~~5C
Wrangell-Petersburg	~~8~~6A

Update the following figures: B-1 (U.S. Counties), C-7 (North America) and C-12 (Canada). Changes are imperceptible when viewed at letter size resolution.

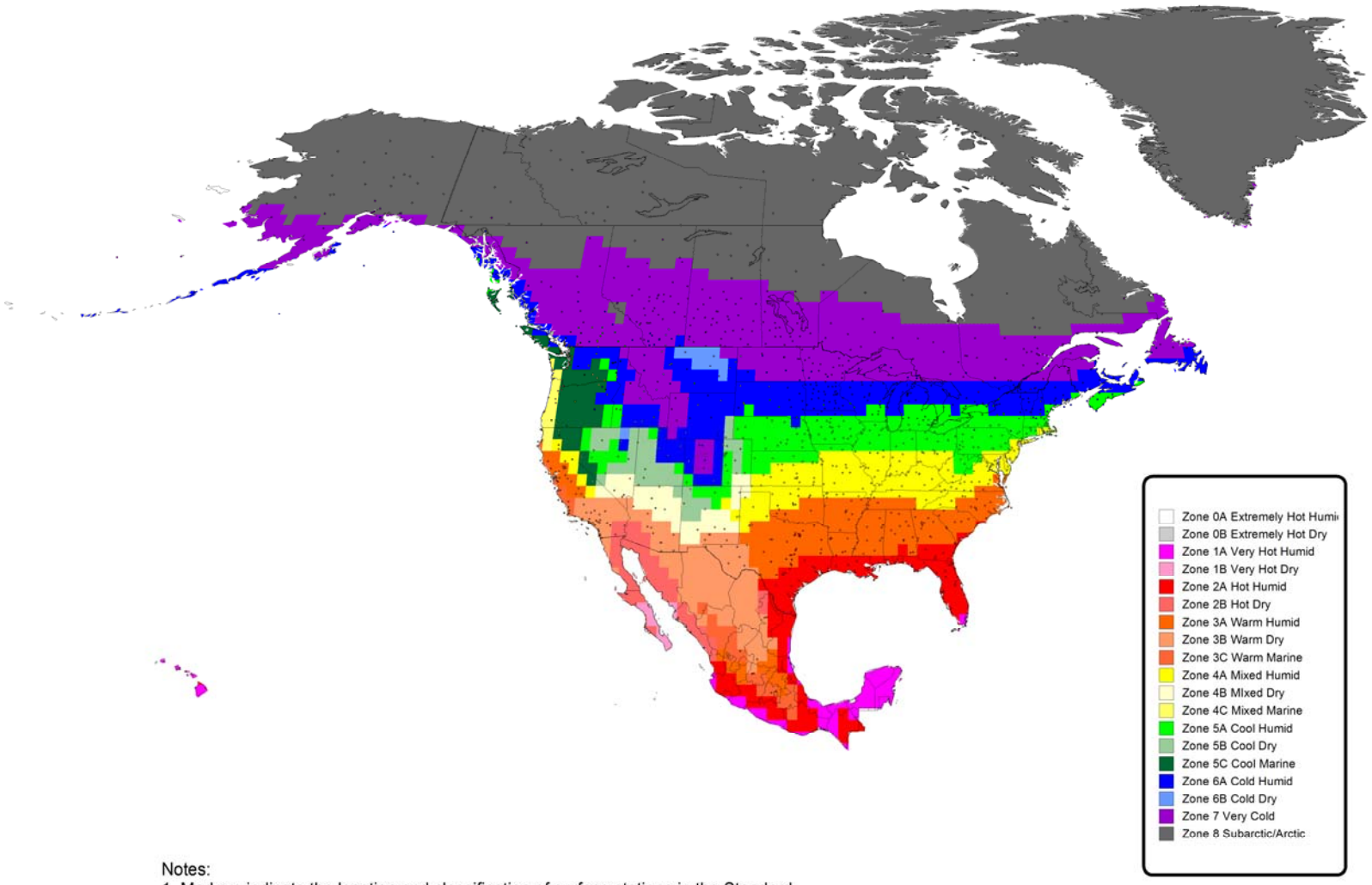
Page 69

Figure B-1 updated (changes are on the pacific coast of Alaska, 4 counties near Juneau, AK)



Page 90

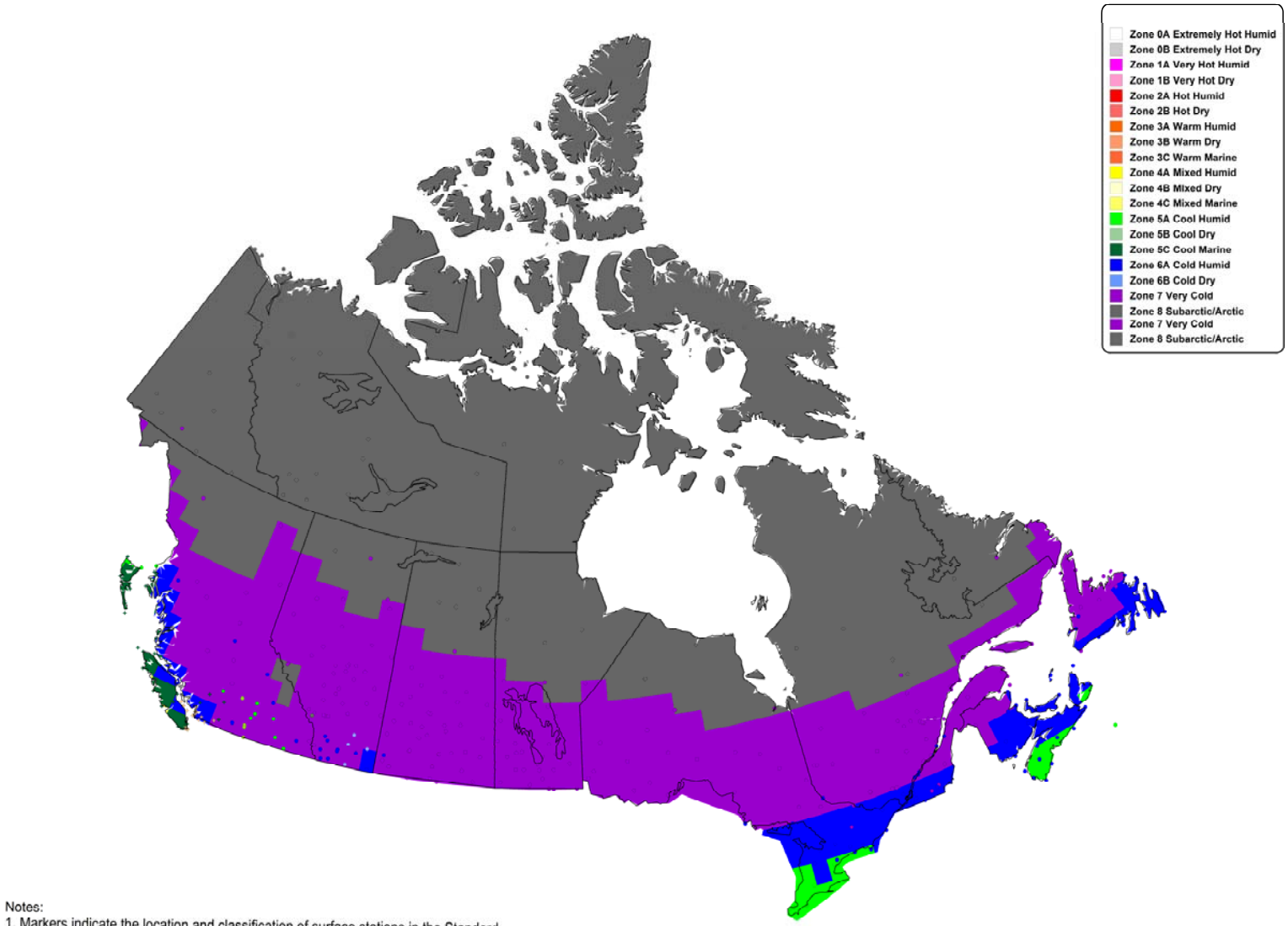
Figure C-7 updated (changes are on the west coast British Columbia and near Juneau, Alaska)



Notes:
1. Markers indicate the location and classification of surface stations in the Standard.
2. Other regions classified using remotely sensed data.
3. Where there is a difference in classifcations the surface observation shall be deemed correct.

Page 95

Figure C-12 updated (changes are on the west coast in Haida Gwaii, formerly Queen Charlotte Islands)



Notes:
1. Markers indicate the location and classification of surface stations in the Standard.
2. Other regions classified using remotely sensed data.
3. Where there is a difference in classifcations the surface observation shall be deemed correct.
4. Lambert Conformal Conic Projection

82 **Table B-1 U.S. Climate Zones by State and County**

State/County	Zone
West Virginia (WV)	
Zone ~~4A~~ 5A except…	