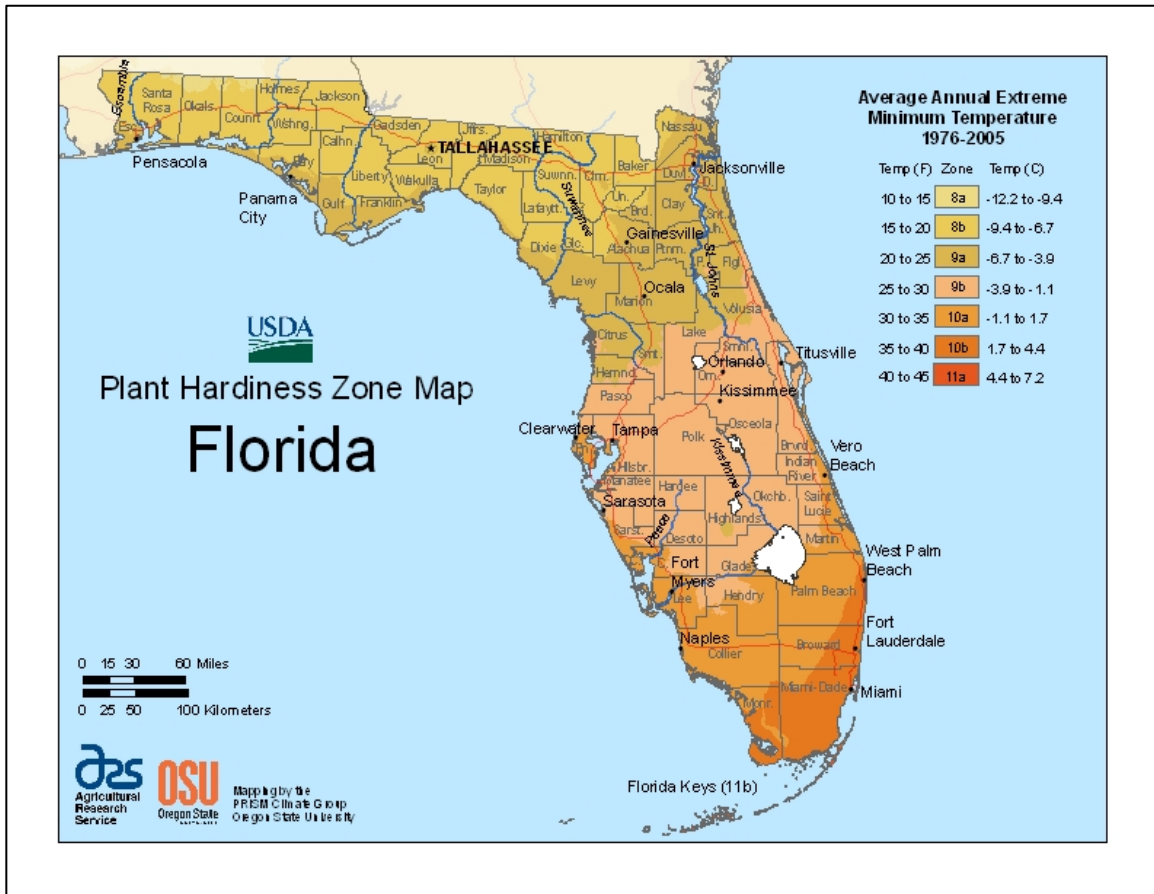


USDA Plant Hardiness Information
 Clyde Fraisse
 Agricultural & Biological Engineering
 University of Florida

The 2012 USDA Plant Hardiness Zone Map is the standard by which gardeners and growers can determine which plants are most likely to thrive at a location. The map is based on the average annual minimum winter temperature, divided into 10-degree F zones.



USDA plant hardiness maps for Florida showing 7 zones: 8a - 11a.

In Florida there are 7 zones defined according to the average annual minimum temperature observed in the state from 1976-2005:

- Zone 8a: 10-15°F
- Zone 8b: 15 to 20°F
- Zone 9a: 20 to 25°F
- Zone 9b: 25 to 30°F
- Zone 10a: 30 to 35°F
- Zone 10b: 35 to 40°F
- Zone 11a: 40 to 45°F

The zone for a given location can be found using the online interactive map: <http://planthardiness.ars.usda.gov/PHZMWeb/#> using the zip code for the location of interest.

USDA Agricultural Research Service
United States Department of Agriculture

Mapping by PRISM Climate Group - Oregon State University

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Find Your Plant Hardiness Zone | View Your State Map

Enter ZIP Code: For a static map of your state, click on the map below or

Zone 9a : 20 to 25 (F)

USDA Plant Hardiness Zone Map

The 2012 USDA Plant Hardiness Zone Map is the standard by which gardeners and growers can determine which plants are most likely to thrive at a location. The map is based on the average annual minimum winter temperature, divided into 10-degree F zones.

For the first time, the map is available as an interactive GIS-based map, for which a broadband Internet connection is recommended, and as static images for those with slower Internet access. Users may also simply type in a ZIP Code and find the hardiness zone for that area.

No posters of the USDA Plant Hardiness Zone Map have been printed. But state, regional, and national images of the map can be downloaded and printed in a variety of sizes and resolutions.

OSU Oregon State University
Agricultural Research Service

Mapping by the PRISM Climate Group, Oregon State University, <http://prism.oregonstate.edu>, 2012

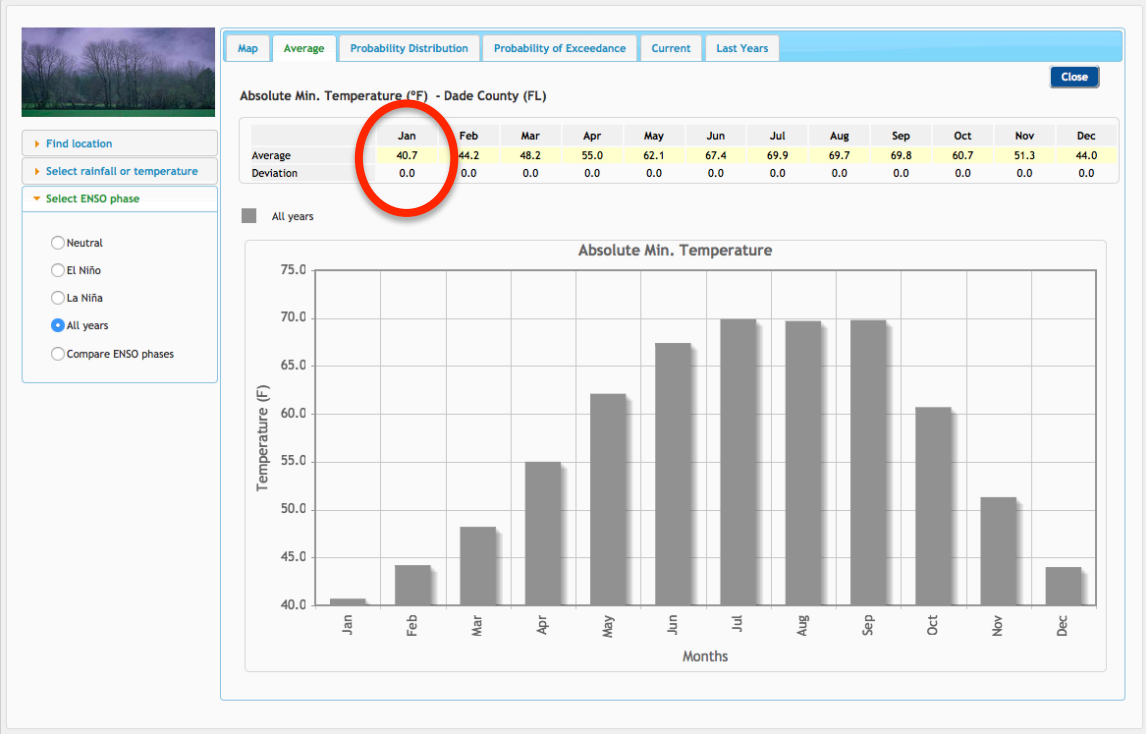
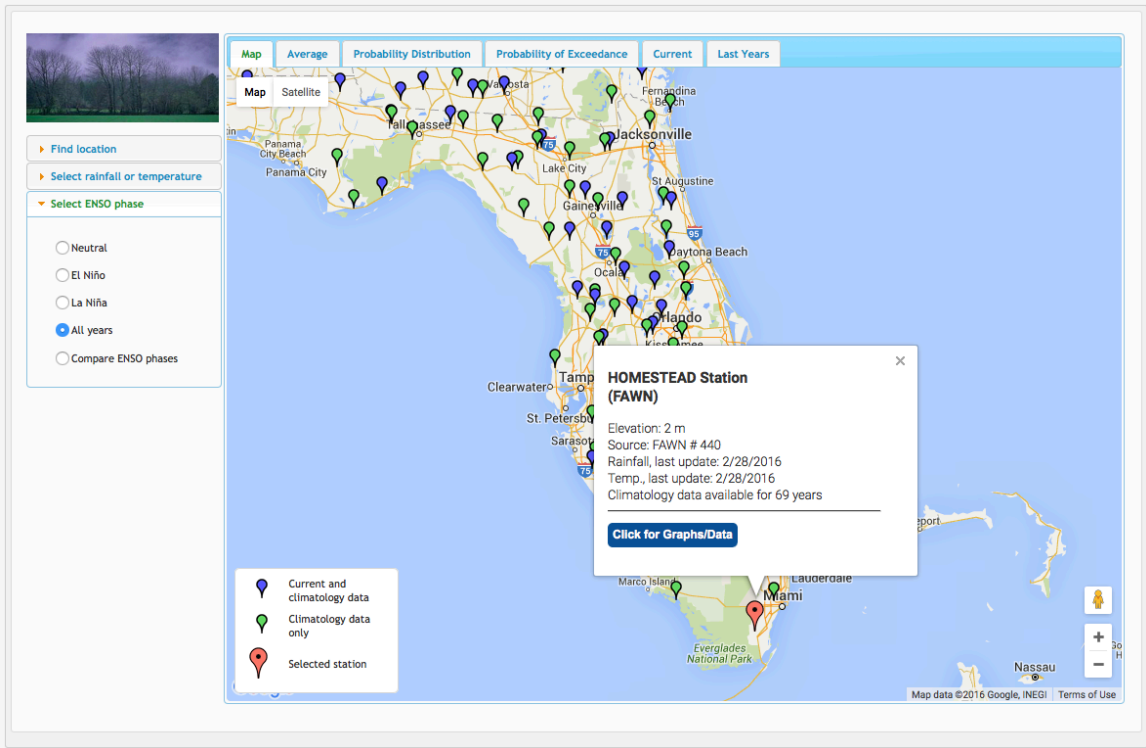
Temp (F)	Zone	Temp (C)
-55 to -55	1a	-51.1 to -48.3
-55 to -50	1b	-48.3 to -45.6
-50 to -45	2a	-45.6 to -42.8
-45 to -40	2b	-42.8 to -40
-40 to -35	3a	-40 to -37.2
-35 to -30	3b	-37.2 to -34.4
-30 to -25	4a	-34.4 to -31.7
-25 to -20	4b	-31.7 to -28.9
-20 to -15	5a	-28.9 to -26.1
-15 to -10	5b	-26.1 to -23.3
-10 to -5	6a	-23.3 to -20.6
-5 to 0	6b	-20.6 to -17.8
0 to 5	7a	-17.8 to -15
5 to 10	7b	-15 to -12.2
10 to 15	8a	-12.2 to -9.4
15 to 20	8b	-9.4 to -6.7
20 to 25	9a	-6.7 to -3.9
25 to 30	9b	-3.9 to -1.1
30 to 35	10a	-1.1 to 1.7
35 to 40	10b	1.7 to 4.4
40 to 45	11a	4.4 to 7.2
45 to 50	11b	7.2 to 10
50 to 55	12a	10 to 12.8
55 to 60	12b	12.8 to 15.6
60 to 65	13a	15.6 to 18.3
65 to 70	13b	18.3 to 21.1

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USDA plant hardiness tool indicating that for Zip Code 32607 is located in Zone 9a (20-25F).

It is relatively easy to verify if the information provided is still valid using a tool available on AgroClimate.org. Climatology for various weather stations in the Southeast US is available at: <http://agroclimate.org/tools/climate-risk/>

Users can select the station of interest on the map and click for displaying graphs and more information. Select “absolute min. temperature” on the left side menu, select “All years” under ENSO phase and check the month with the lowest temperature. In the case of the station selected in the figures below (Homestead), the lowest average absolute minimum temperature is observed in January and equal to 40.7°F. Indeed if we verify the range for Zone 11a (above) which is 40 to 45°F, Homestead is located in the Plant Hardiness zone 11a.



Climatology tool on AgroClimate (<http://agroclimate.org/tools/climate-risk/>) showing that the average absolute minimum temperature for the weather station located at Homestead, FL is 40.7°F).