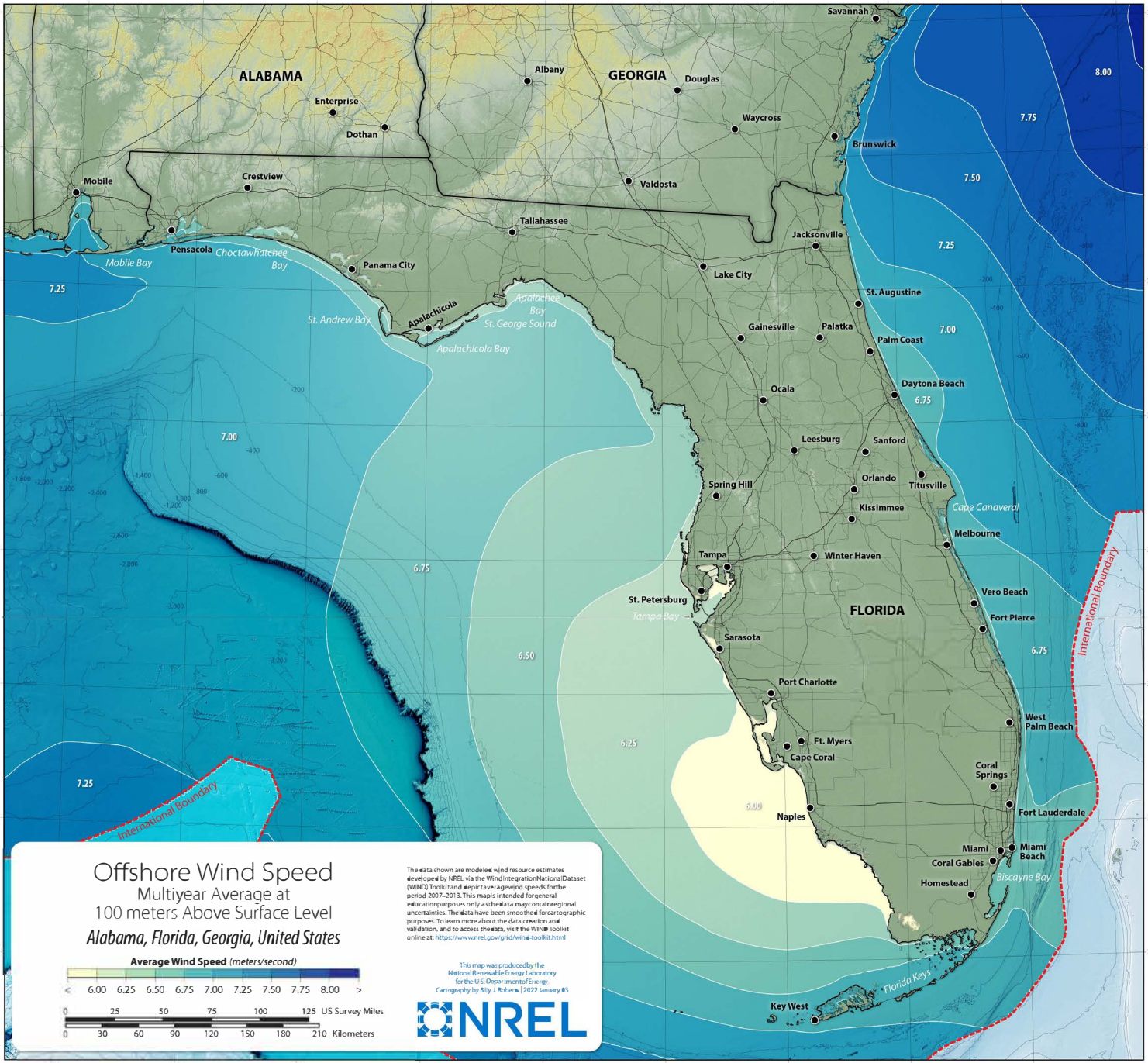
Offshore Wind Speed
Multiyear Average at
100 meters Above Surface Level
Alabama, Florida, Georgia, United States
Average Wind Speed (meters/second)
< 6.00 6.25 6.50 6.75 7.00 7.25 7.50 7.75 8.00 >
0 25 50 75 100 125 US Survey Miles
0 30 60 90 120 150 180 210 Kilometers
The data shown are modeled wind resource estimates developed by NREL via the Wind Integration National Dataset (WIND) Toolkit and depict average wind speeds for the period 2007–2013. This map is intended for general education purposes only as the data may contain regional uncertainties. The data have been smoothed for cartographic purposes. To learn more about the data creation and validation, and to access the data, visit the WIND Toolkit online at: https://www.nrel.gov/grid/wind-toolkit.html
This map was produced by the National Renewable Energy Laboratory for the U.S. Department of Energy.
Cartography by Billy J. Roberts | 2022 January 03
NREL
ALABAMA
GEORGIA
FLORIDA
Savannah
Albany
Douglas
Enterprise
Dothan
Waycross
Brunswick
Mobile
Crestview
Valdosta
Tallahassee
Pensacola
Choctawhatchee Bay
Mobile Bay
Panama City
Jacksonville
Lake City
St. Augustine
Apalachicola
Apalachee Bay
St. Andrew Bay
St. George Sound
Apalachicola Bay
Gainesville
Palatka
Palm Coast
Daytona Beach
Ocala
Leesburg
Sanford
Orlando
Titusville
Spring Hill
Kissimmee
Cape Canaveral
Melbourne
Tampa
Winter Haven
Vero Beach
St. Petersburg
Tampa Bay
Fort Pierce
Sarasota
Port Charlotte
West Palm Beach
Ft. Myers
Cape Coral
Coral Springs
Naples
Fort Lauderdale
Miami
Miami Beach
Coral Gables
Homestead
Biscayne Bay
Florida Keys
Key West
International Boundary
8.00
7.75
7.50
7.25
7.00
6.75
6.50
6.25
6.00