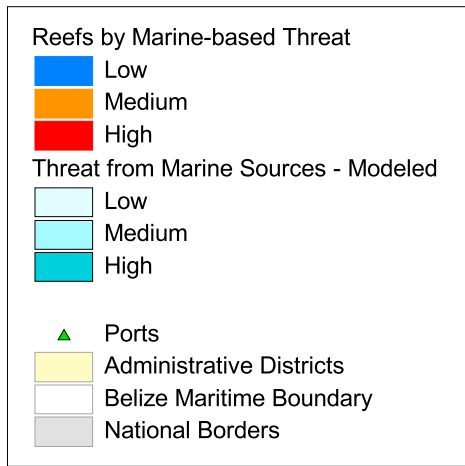
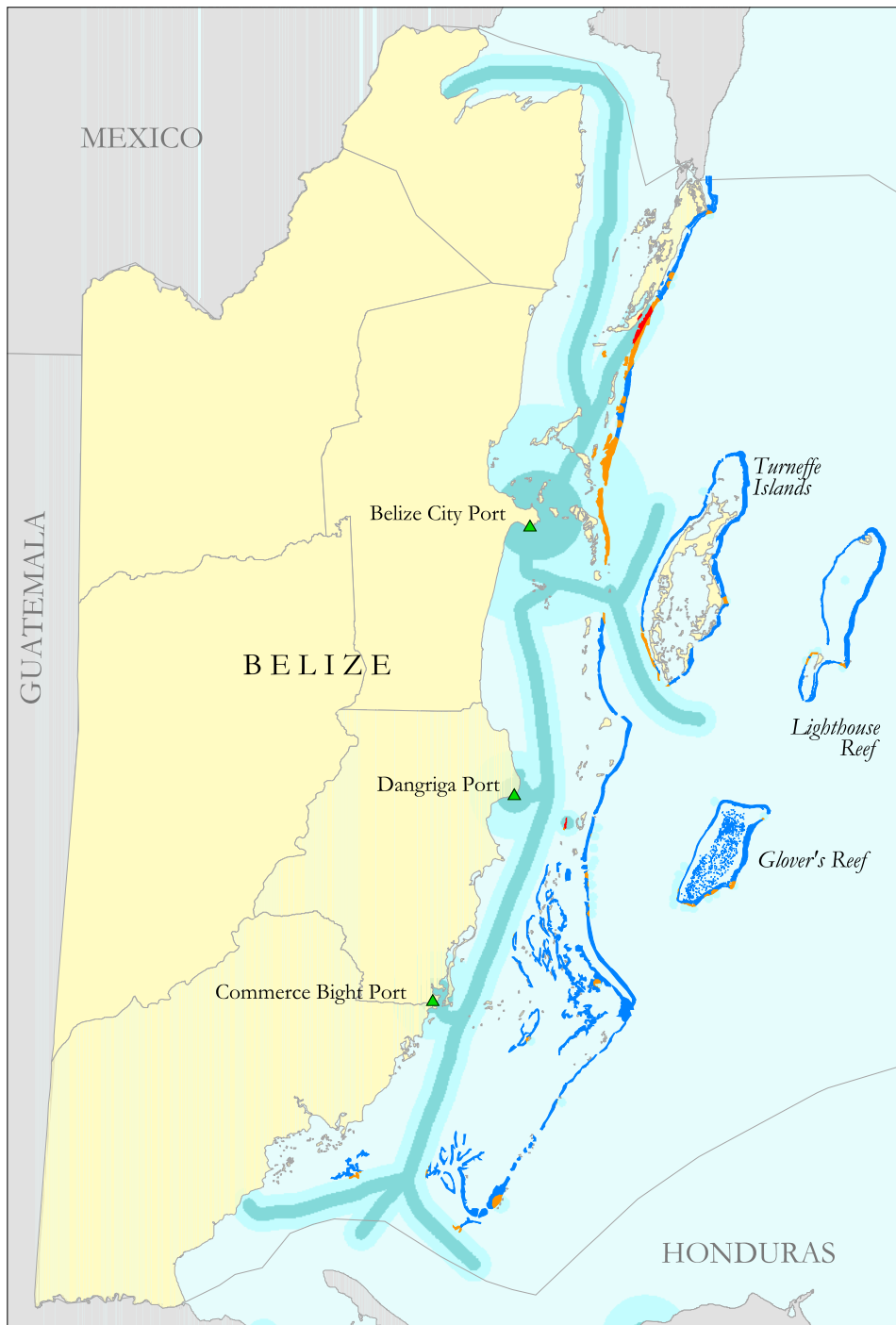


# Marine-based Threat in Belize

## - Modeled

Marine-based activities threaten coral reefs through pollution from ports, oil discharge and spills, ballast and bilge discharge, dumping of garbage, and direct physical impacts from groundings and anchor damage. Threats to coral reefs from marine-based sources of pollution were evaluated on the basis of location of ports and shipping lanes, the location of dive centers, and volume of cruise ship visitation. Cruise ships are a significant source of pollution in the Caribbean. A typical cruise ship generates an average of 8 mt (2,228 gallons) of oily bilge water and 1 mt of garbage each day. Belize had an estimated 850,000 visitors from cruise ships in 2004, more than three times the number of land-based visitors. The volume of cruise-ship tourism has increased by a factor of 25 in the last five years - from 34,000 in 1999 to an estimated 850,000 in 2004.



Data Sources: Modeled threat to coral reefs from marine-based threats from the "Reefs at Risk in Belize" analysis, World Resources Institute (WRI), 2005.

### Reefs at Risk in Belize

A collaboration between the World Resources Institute, Belize Coastal Zone Management Authority and Institute, and many other partner organisations in Belize. Datasets available on the Belize Coastal Data CD (email [datacen@coastalzonebelize.org](mailto:datacen@coastalzonebelize.org) for more information).