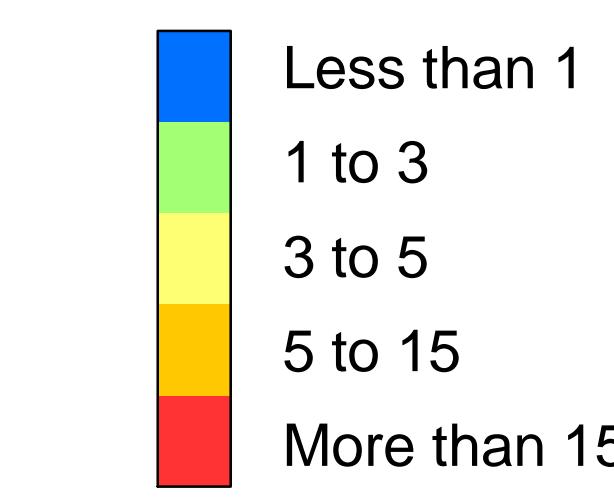


Average Estimated Population Density* of Marbled Murrelet by Primary Sampling Unit (PSU) for Washington

*Based upon at-sea population surveys performed from 2000 through 2007
for the Northwest Forest Plan Effectiveness Monitoring Program.

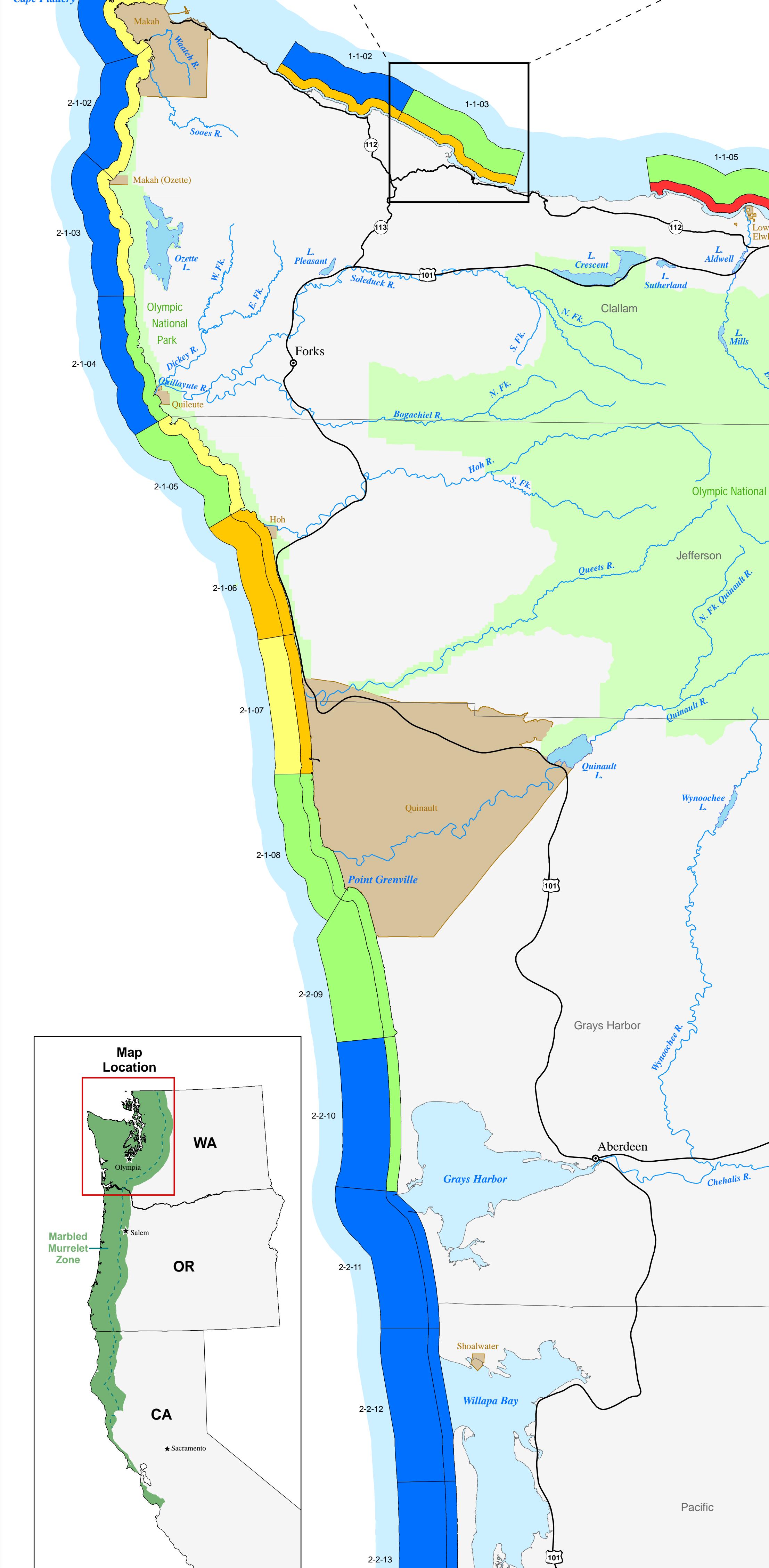
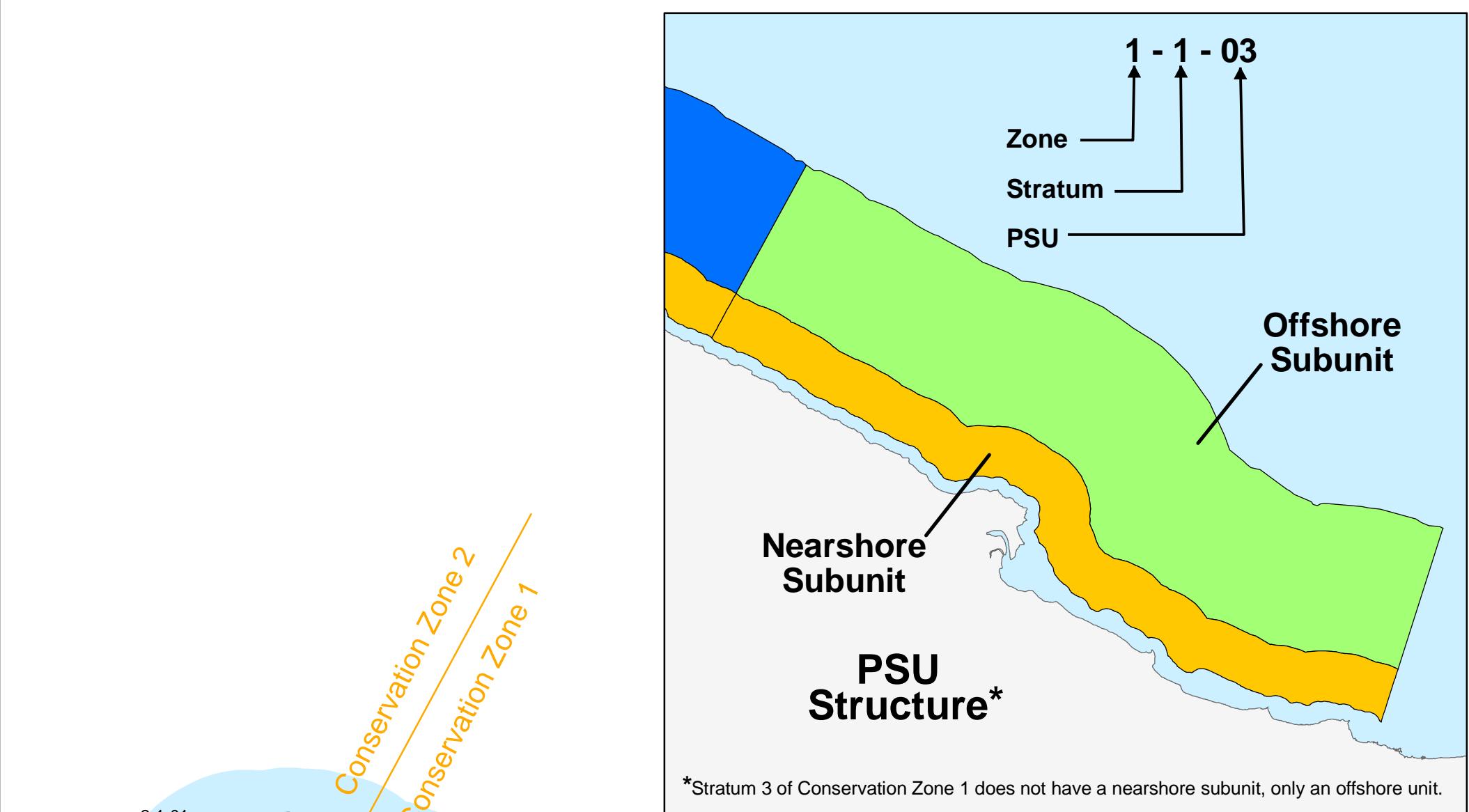
Average Estimated Density*



*Density values represent the average estimated population (in number of birds) per square kilometer across all survey years by PSU subunit.

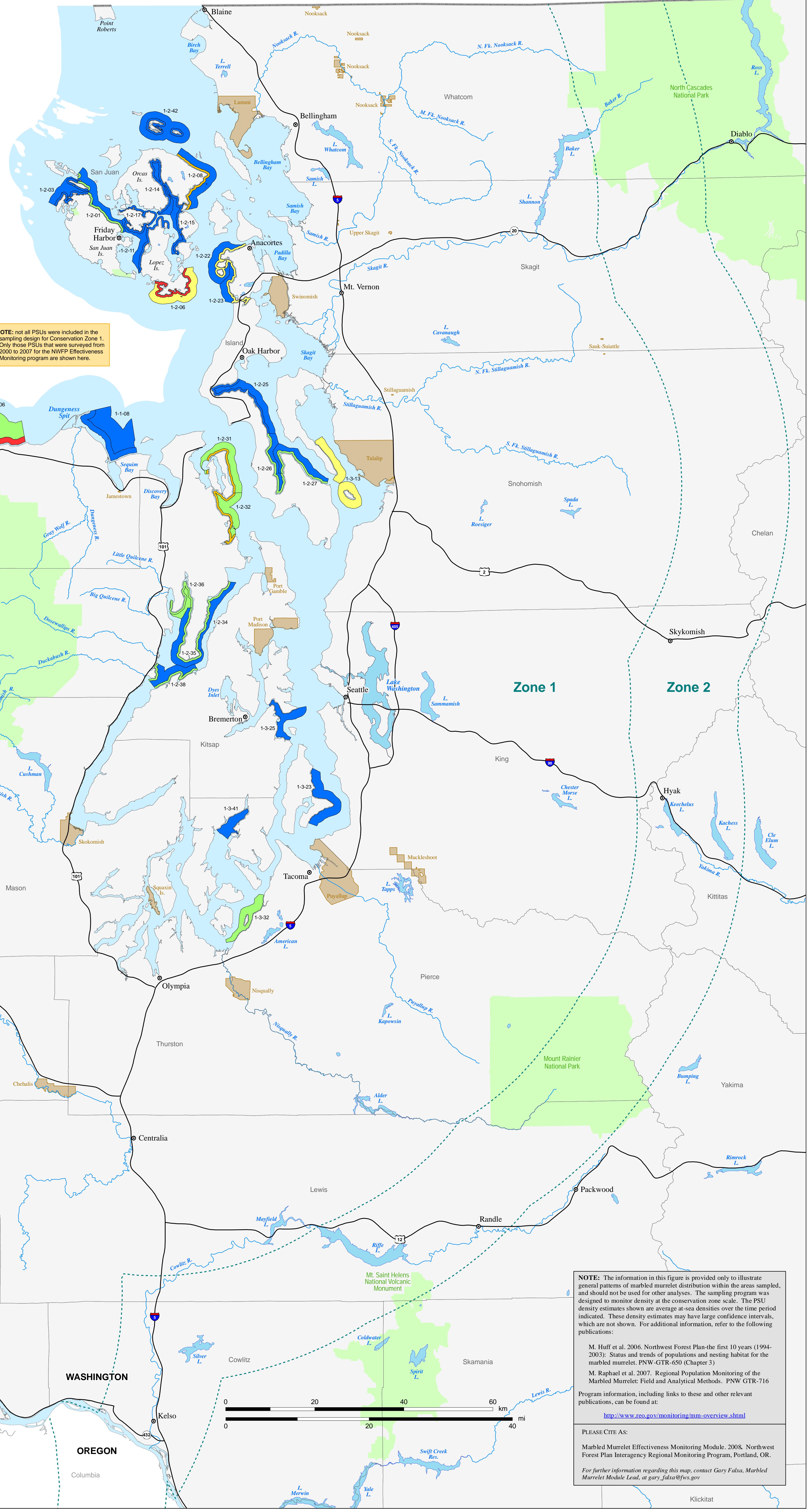
Other map symbols

- City or town
- Major road
- ~~~~ River
- ~~~~ Lake or reservoir
- National Park Service
- Tribal Land (Reservation)
- Marbled Murrelet Zone



Conservation Zone 2

Conservation Zone 3



NOTE: The information in this figure is provided only to illustrate general murrelet distribution and density. It is not complete, and should not be used for other purposes. The sampling program was designed to monitor density at the conservation zone scale. The PSU density estimates shown are average at-sea densities over the time period indicated. These density estimates may have large confidence intervals, which are not shown. For additional information, refer to the following publications:

M. Huff et al. 2006. Northwest Forest Plan: the first 10 years (1994-2003): Status and trends of populations and nesting habitat for the marbled murrelet. PNW-GTR-650 Chapter 3

M. Raphael et al. 2007. Regional Population Monitoring of the Marbled Murrelet: Field and Analytical Methods. PNW GTR-716

Program information, including links to these and other relevant publications, can be found at:

<http://www.reo.gov/monitoring/mm-overview.shtml>

PLEASE CITE AS:

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For further information regarding this map, contact Gary Falxa, Marbled Murrelet Module Lead, at gary_falxa@fws.gov