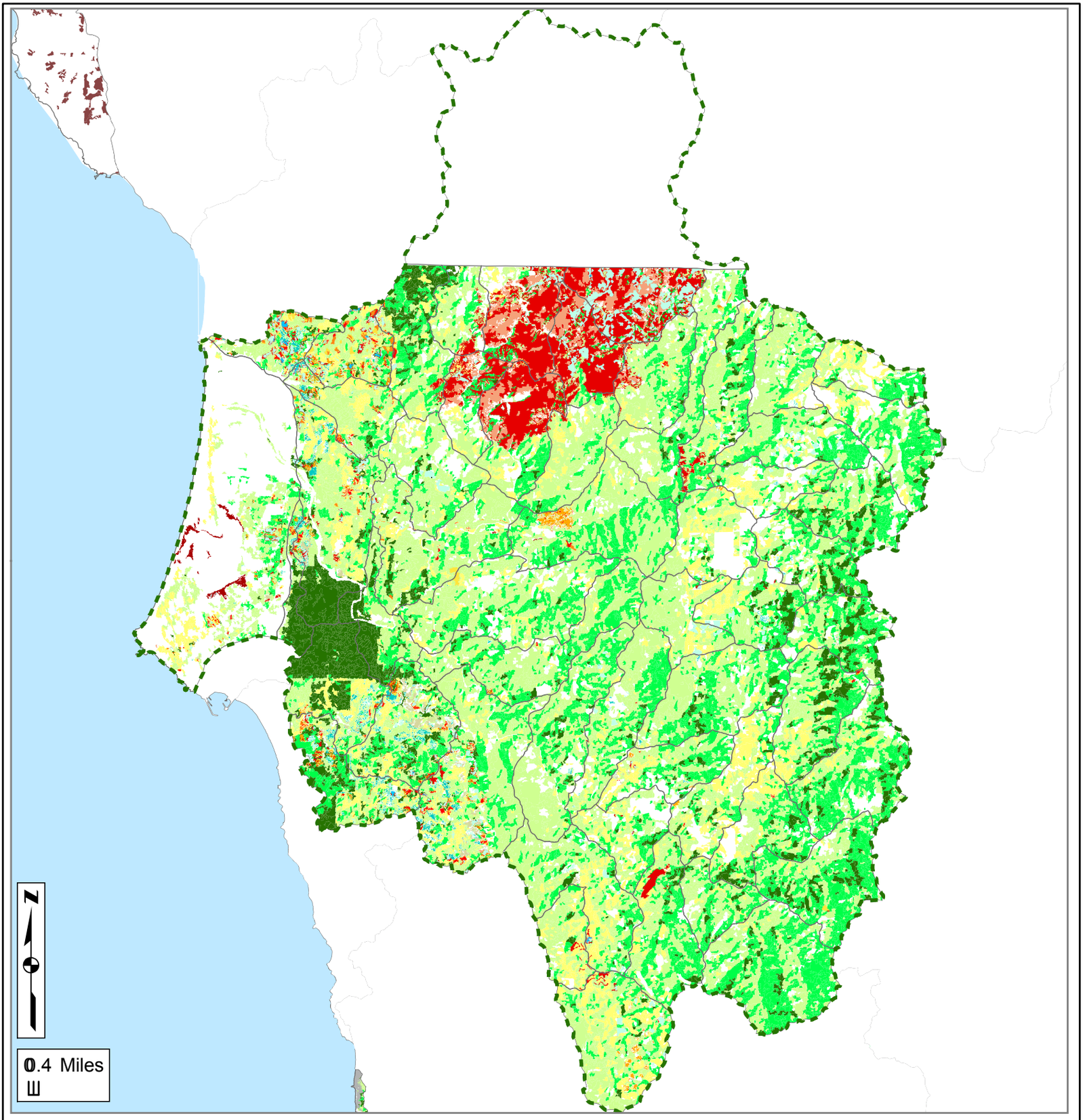
Smith River

Change-Scene & Tree Size

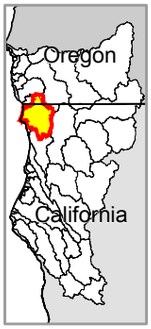


This map shows "change-scene" canopy changes over various time periods and tree sizes for the year 1996, derived primarily from satellite imagery. Data layers are organized by data type, geography (e.g. Oregon and California) and time period. All data is from the U.S. Forest Service.

Change-scene

Comparing satellite imagery for two dates allows mapping of increases or decreases in treecanopy between the dates.
The U.S. Forest Service has mapped these canopy changes for various time periods in the SONCC geographic area.
Some of the datasets also include cause of changes (e.g. fire or timber harvest), but some do not.
The following datasets are included in these maps:
1972-2002 data for Oregon and 1998-2003 for California downloaded from:
http://www.reo.gov/monitoring/reports/10yr-report/map-data/index.shtml
2003-2007 data for California downloaded from:
http://www.fs.fed.us/r5/rsl/clearinghouse/gis-download.shtml
1994-1998 for North Coast and 1994-1999 Cascade Northeast (both in California) downloaded from:
http://www.fs.fed.us/r5/spf/fhp/fhm/landcover/geodatabase.shtml

Tree Size

Tree size data are included for California only.
Tree size data downloaded from
http://www.reo.gov/monitoring/reports/10yr-report/map-data/index.shtml
Methods are contained in:
Moeur, M., T.A. Spies, M. Hemstrom, M., J.R. Martin, J. Alegria, J. Browning, J. Cissel, W.B. Cohen, T.E. Demeo, S. Healey, andR. Warbington. 2005. Northwest Forest Plan–The first 10 years (1994-2003): status and trend of late-successional and old-growth forest. Gen. Tech. Rep. PNW-GTR-646. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 142 p.

Map is designed to be used as an electronic document, not printed Ratings layers can be toggled on/off. For directions, see accompanying legend pdf.
Legends for the map layers are available in Change_Scene_and_Tree_Size_Legend.pdf
Map prepared by Kier Associates for NMFS Southwest RegionArcata, November 2009