

Oregon Ocean Planning

ASLC Cape Lookout Reports

Size

Name	Area (Acres)
ASLC Cape Lookout	346.9
<i>Total</i>	346.9

Adjacent County

Tillamook county is adjacent to this zone.

Islands and Rocks

This zone includes **2** acres of offshore islands.

There are **33** islands included within this zone.

Substrate Types

Subtidal Substrates

Name	Area (Acres)	Area (% of zone)
Sand	229.5	66.1
Rock	88.3	25.5
Gravel	16.9	4.9
<i>Total</i>	334.7	96.5

Intertidal Substrates

Name	Area (Acres)	Area (% of zone)
Unclassified	161.2	46.5
Fine Unconsolidated Substrate	14.0	4.0
Rock Substrate	5.8	1.7
Boulder	3.7	1.1
Coarse Unconsolidated Substrate	2.7	0.8
<i>Total</i>	187.4	54.0

Sea Level Rise Risk

Nearby sites have the following estimated risk from sea level rise (slr) of 0.5, 1.0, and 1.5 meters:

Name	SLR 0.5m	SLR 1.0m	SLR 1.5m
South Cliff Face	Low	Low	Moderate
South Intertidal	None	Moderate	High

Ranges for Estimated SLR Risk Levels:

- Increase or Less than 10% Loss (Minor)
- 11-29% Loss (Low)
- 30-49% Loss (Moderate)
- More than 50% Loss (High)

Long Term Research Species Found

Name
<i>Total</i>

Important Bird Colonies

Importance	Number of Colonies
High	22

Three Nearest Cities

Name
Garibaldi
Tillamook
Bay City

Shoreline

- The selected designated area touches **5.4 miles** of shoreline.

Intertidal Area

This zone includes **24** acres of intertidal area in the 0m Sea Level Rise scenario.

Average Depth

Name	Average Depth (m)	Maximum Depth (m)	Minimum Depth (m)
ASLC Cape Lookout	33.6	-21	191

Positive values for minimum depth represents elevation above mean lower low water. Unusually high values indicate cliff edges that fall within 100m of Mean High Water.

Sea Level Rise

Sea level rise is predicted to cause the following changes in the intertidal habitat within this designated area:

Sea Level Rise Scenario	Remaining Intertidal Habitat (in Acres)*
0.5 Meters	17.8
1 Meter	8.5
1.5 Meter	2.9

*due to the fact that future intertidal areas may be above present-day MHW, this analysis is based on intertidal area contained in the unclipped site polygon.

Marine Mammal Species

Name	Species	Haulout Count
Steller sea lions	Eumetopias jubatus	1
Northern elephant seals	Mirounga angustirostris	1
California sea lions	Zalophus californianus	1
Pacific harbor seals	Phoca vitulina	1
<i>Total</i>	--	4

Key Species Present

Name
<i>Total</i>
<i>No key species found</i>

Bird Species Present

Name
Unidentified cormorant

Importance	Number of Colonies
Medium	177
Low	156
<i>Total</i>	355

- **High-importance** bird colonies are offshore colonies/complexes with ≥ 5,000 breeding birds, OR offshore or mainland colonies with Tufted Puffins, OR offshore colonies with Leach's Storm Petrels or Fork-tailed Storm Petrels.
- **Medium-importance** colonies include all rocks, reefs, and islands of Oregon Islands and Three Arch Rocks NWRs with breeding seabirds that were not included in Importance level 1, OR mainland seabird breeding sites with ≥ 1,000 breeding birds.
- **Low-importance** colonies are all other colonies.

Critical Habitats

Common Name	Species
Total	--

Overlap with Gray Whale Migration Pathways

The selected designated area overlaps with Gray Whale migration pathways.

State Parks

The three nearest state parks are:

Name	Distance (Miles)
Cape Lookout	0
Sand Lake	2.7
Clay Myers	3.6

Attendance at Nearby Parks

Parking lot visitor counts for nearby OPRD parking lots for the years 2016-2018:

Name	Bin	Trend	2016	2017	2018
Cape Lookout State Park	569716	511848	582908	500,000-1 million	Increasing

Name
Pelagic cormorant
Double-crested cormorant
Brandt's cormorant
Pigeon guillemot
Black oystercatcher
Tufted puffin
Brandt's cormorants
Rhinoceros auklet
Common murre
West./glaucous-winged gull
Rhinoceros auklet

Kelp

The selected designated area overlaps with **33.05** acres of observed kelp, which represents **0.44%** of the total observed kelp in Oregon territorial waters.

Ports

The three nearest ports are:

Name	Distance (Miles)
Port Of Tillamook Bay	9.7
Port Of Garibaldi	14.1
Port Of Nehalem	25.5

NPDES Outfalls

There are **0** NPDES outfalls within 1 mile of this designated area.

Overlap with Long Term Research Areas

The selected designated area **does not** overlap with any long term research areas.

Recreational Activities

Recreational activities in or near this designated area:

Activity Name	Count
Tide pooling	5
Total	5

These data are the panel point results from the following studies:

- **Boating Recreational Ocean Users Study.** This group aggregated the following activities: sailing, power boating, personal water crafts, windsurfing, kite boarding, charter trips, and tow-in surfing
- **The Human-powered group in the Recreational Ocean Users Study.** This group aggregated the following activities: Kayaking, Surfing, Swimming, Scuba diving, Snorkeling and Skimboarding.
- **The Shore group of the Recreational Ocean Users Study.** This group aggregated the following activities: beach going, hang-gliding, scenic enjoyment, storm watching, biking/hiking, off-road vehicles, and photography.
- **Additional Shore group of the Recreational Ocean Users Study.** This group aggregated the following activities: bird watching, tide-pooling and whale watching.

The data were collected to create a baseline of use patterns for Oregon's recreational non-consumptive ocean users. These data include only the last trip data collected over the summer of 2010. These data were collected as part of Oregon's Territorial Sea Plan revision.