

# Preliminary Results for West Region by Depth

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Here are preliminary results to be output for each of the 8 regions:

1. Alaska
2. Atlantic Islands
3. East
4. Great Lakes
5. Gulf of Mexico
6. Hawaii
7. Pacific Islands
8. West

## Table

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Table 1: Area of Ocean Use (km<sup>2</sup>) by Depth bin (m) for West region. Width of gray horizontal bars from left of cell indicate percent area occupied in given depth bin.

Ocean Use			Area (km <sup>2</sup> ) by Depth (m)				Total	Rank
Category	Layer	Component	0-100	100-200	200-1,000			
Governance: Commercial Leases	Active Oil & Gas Leases		316	157	394		867	9
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	Bureau of Ocean Energy Management	64	62	100		227	13
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Estuarine Research Reserve System	45	0	0		45	15
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Marine Fisheries Service	2,823	3,253	15,047		21,123	3
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Marine Sanctuaries	10,917	5,974	7,556		24,446	2
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Park Service	437	1	2		440	12
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	National Wildlife Refuge System	200	4	2		206	14
Governance: Marine Protected Areas (MPAs)	Marine Protected Areas	State MPA	4,083	633	355		5,071	6
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Canopy Kelp	840	6	1		847	10
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Estuaries	3,695	579	77		4,352	7
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Groundfish	2,621	687	2,322		5,630	5
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Rocky Reefs	2,363	2,128	4,813		9,304	4
Living Resources: Biological Occurrence: Fishes	Essential Fish Habitat	Seagrass	505	0	0		505	11
Ocean Uses: Transportation: Commercial Shipping	Shipping Lanes		610	576	1,256		2,442	8
Total Area			38,898	25,492	69,766		134,156	1

## Plot

## Map

TODO:

- contours of depth bins for Figure 3

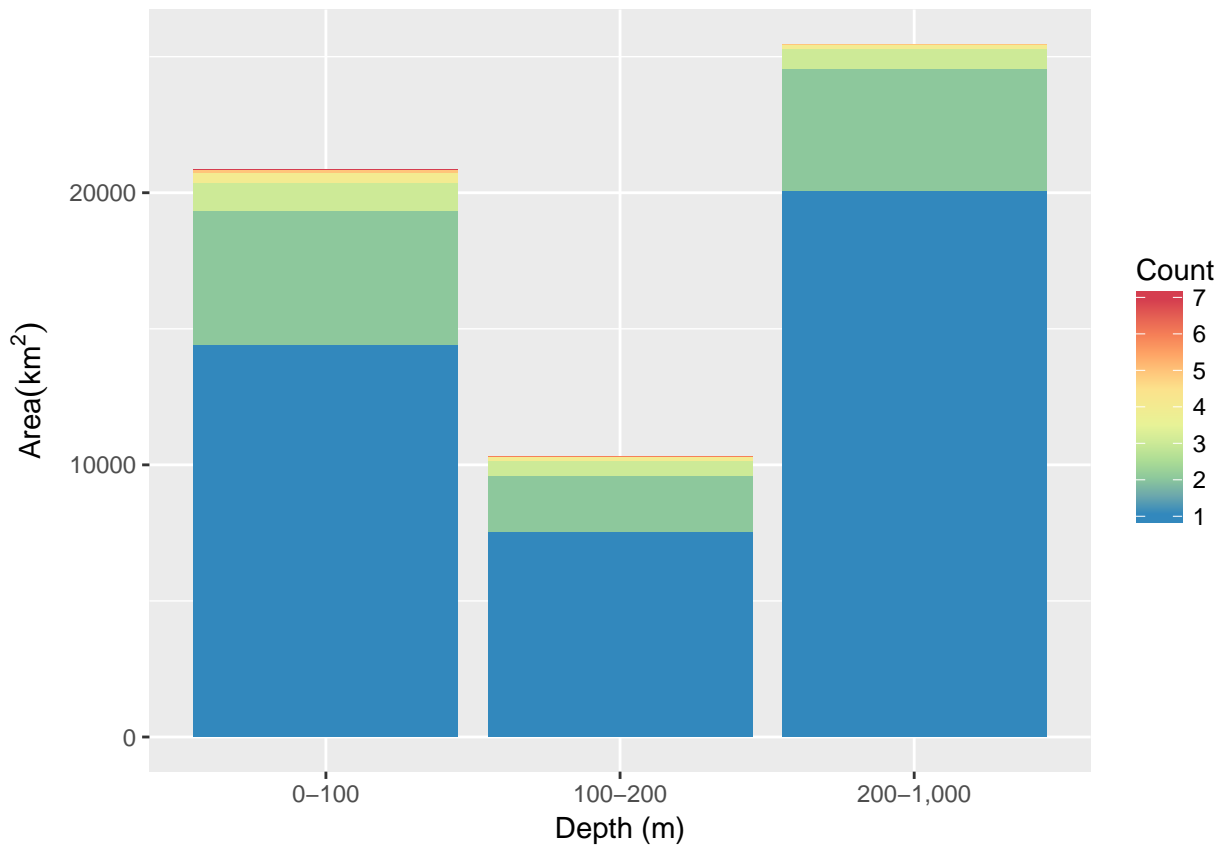


Figure 1: Area of Cumulative Ocean Use by Depth Bin for West region. Cumulative use are counted and summarized by depth bin and area.

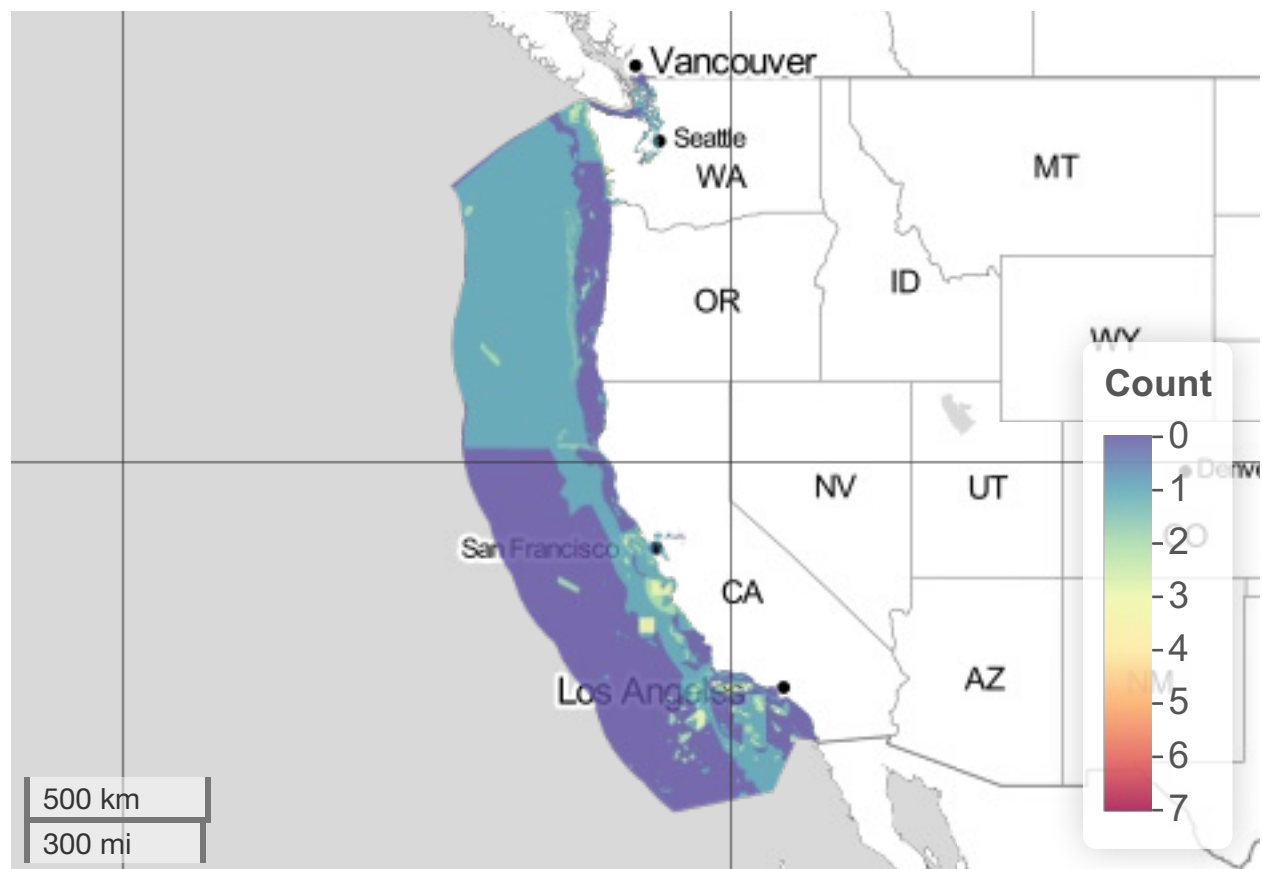


Figure 2: Map of cumulative ocean use in West region.

- zoom in for West (NOTE: 2x-clicking on html zooms)
- corresponding table/plot of “Area ( $\text{km}^2$ ) by Tide/Wave/Wind” and map with contours of energy bins.