

Appendix F: Maps displaying the comparative distribution of floating kelp canopy in 2022 and 2024 along the Oregon coast. Classified kelp is overlaid on the 2024 false-color survey imagery and nautical chart.

Three files (divided to reduce file size):

Appendix F1 = Depoe Bay region to Newport

Appendix F2 = Cape Arago to Sisters Rock

Appendix F3 = Rogue Reef to CA border

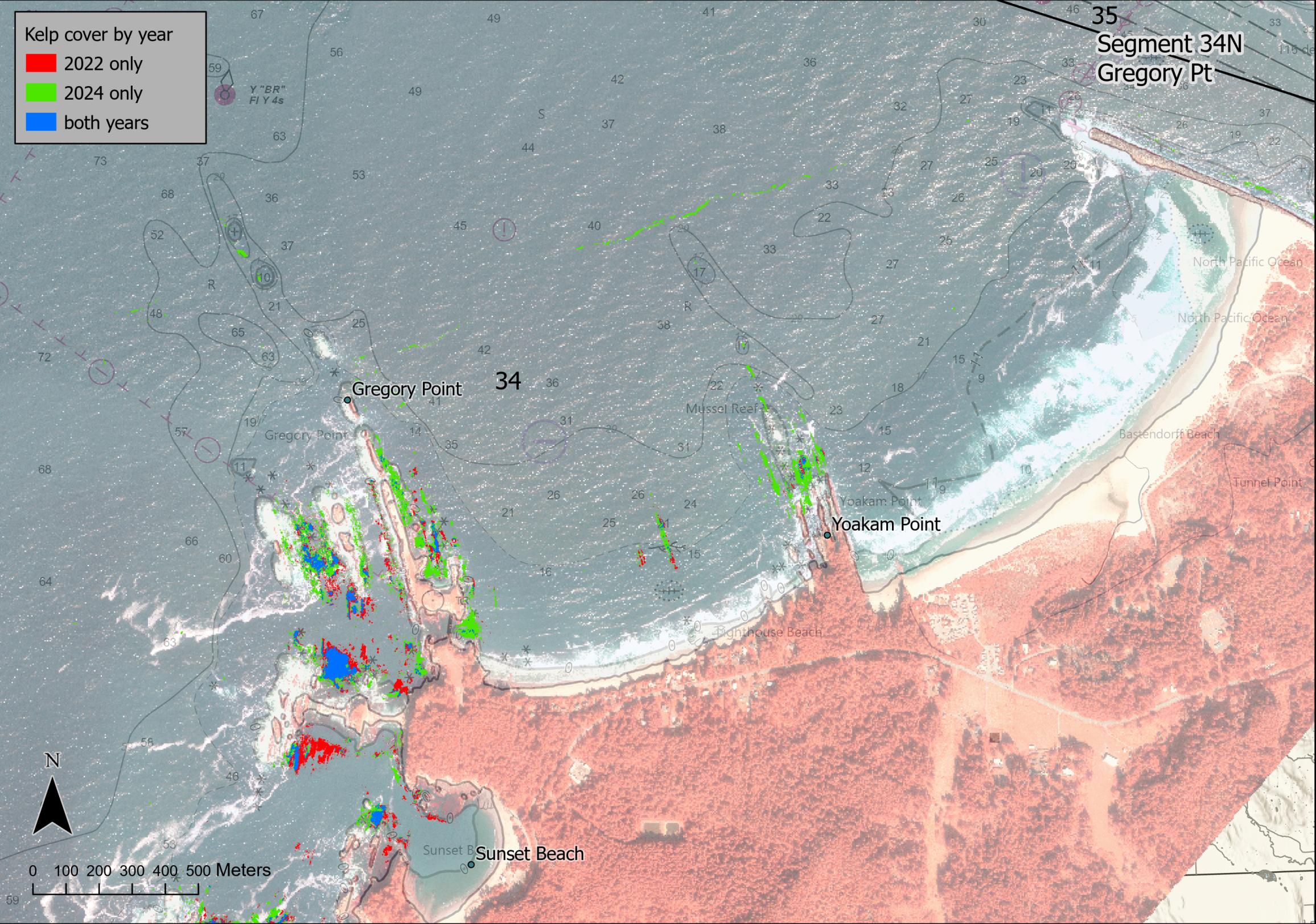
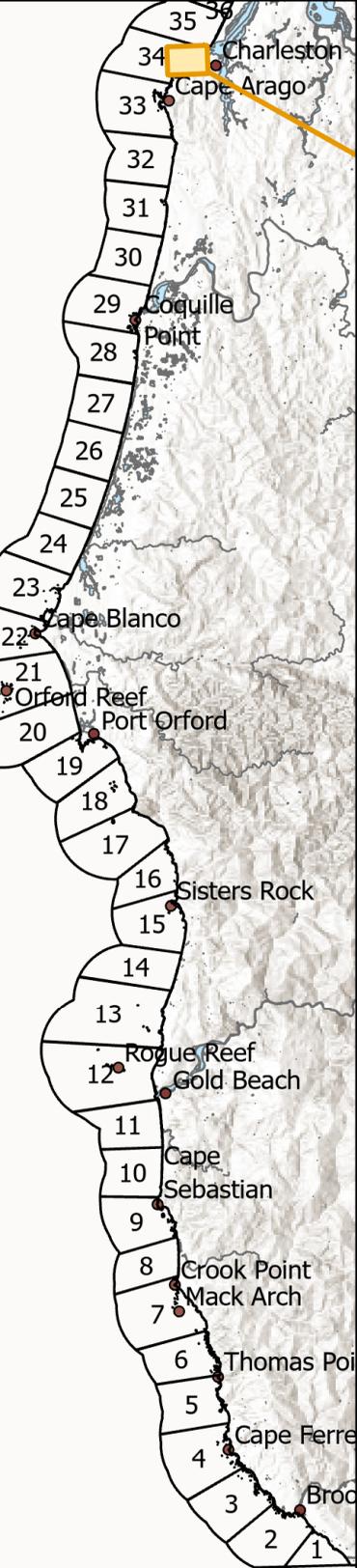
These Appendix maps accompany the bull kelp aerial surveys documented in ODFW Science Bulletin 2026-02:

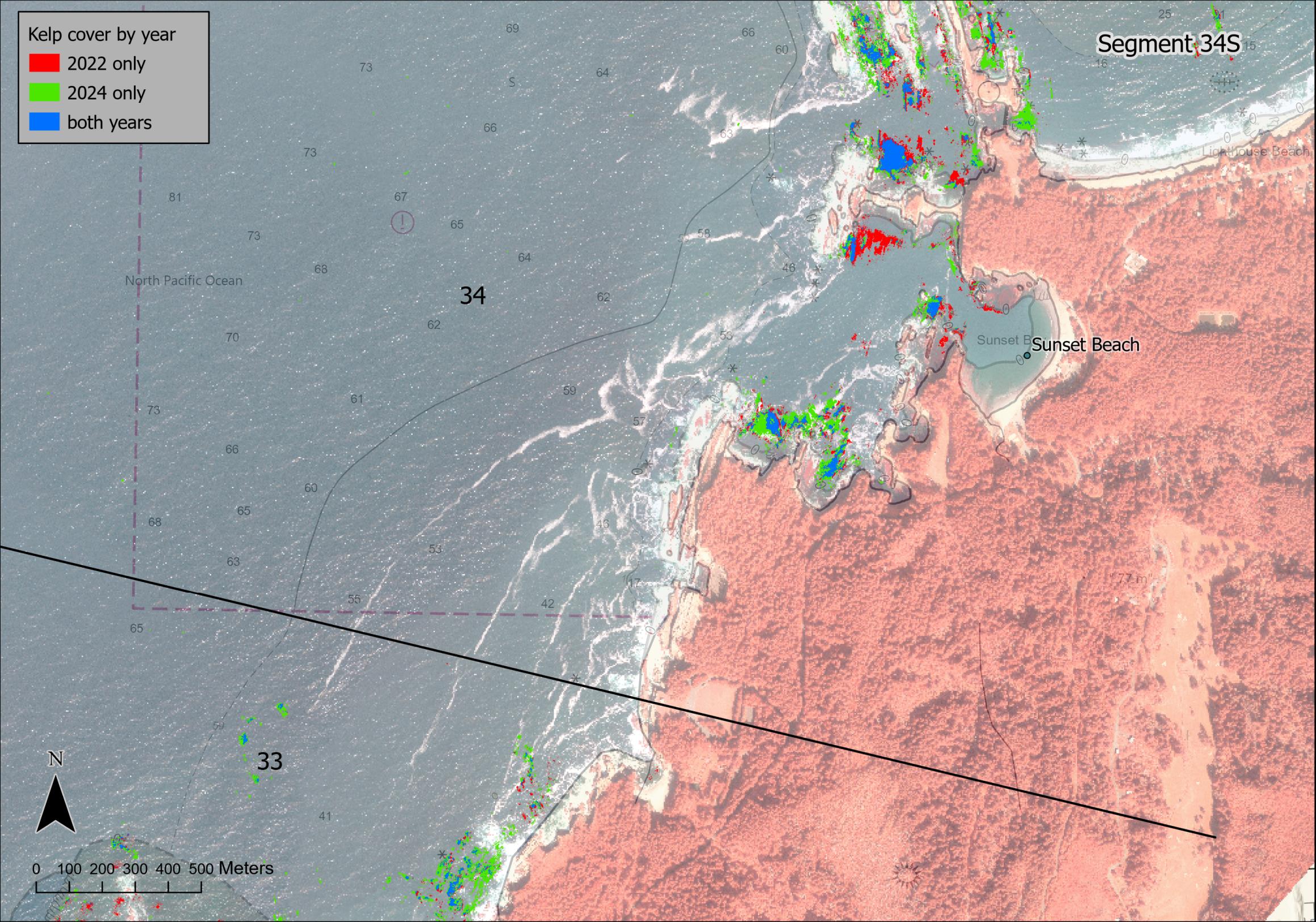
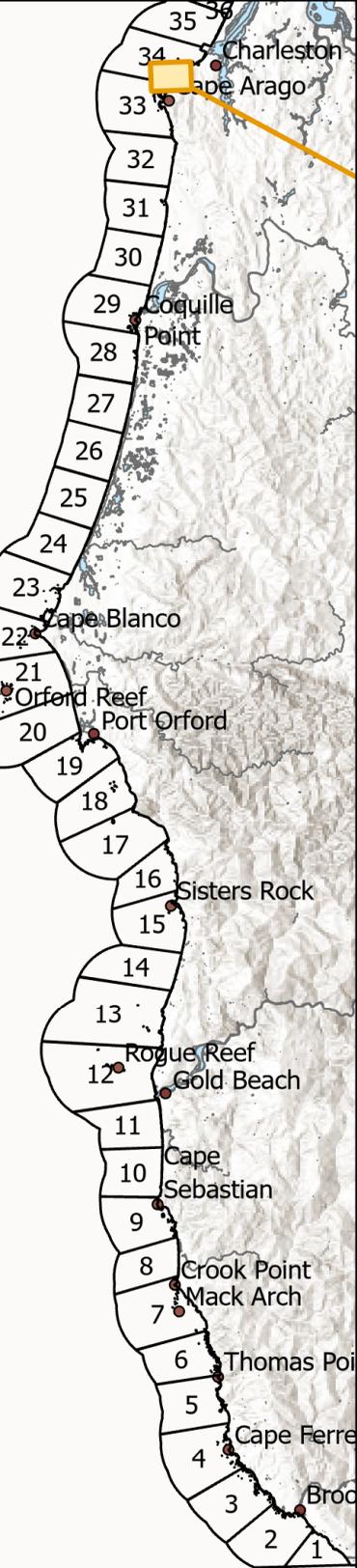
Marion, S.R. and A. Merems. 2026. Aerial surveys of bull kelp (*Nereocystis luetkeana*) along the Oregon coast in 2022 and 2024: Abundance, distribution, and change since 2010. Science Bulletin 2026-02. Oregon Department of Fish and Wildlife, Salem.

The full report and supporting spatial datasets (shapefiles) with the location of floating kelp canopy classified in ODFW's 2010, 2022, and 2024 aerial surveys may be downloaded [HERE through ODFW's Data Clearinghouse](#) (or search the ODFW Data Clearinghouse for 2026-02, the number of this Science Bulletin). The shapefiles contain metadata for the survey images and classified kelp canopy data shown in these maps.

Using these maps:

The left side of each page has an indicator box showing the location of the current page's map along the coast. The sequentially numbered polygons are the analysis regions (each approximately 5 km along-shore) used in the report to aggregate kelp canopy area. They correspond to the "Coast segment" numbers along the x-axis of the report's kelp abundance figures, and are also shown on the maps and labeled in the upper right-hand corner of each map. Some portions of the coast that held minimal kelp were omitted from these Appendix figures, but not from the data analysis. Downloading the PDF file and viewing at full page size will allow paging through sequential map pages rather than scrolling, as typically occurs when viewed in a browser window.





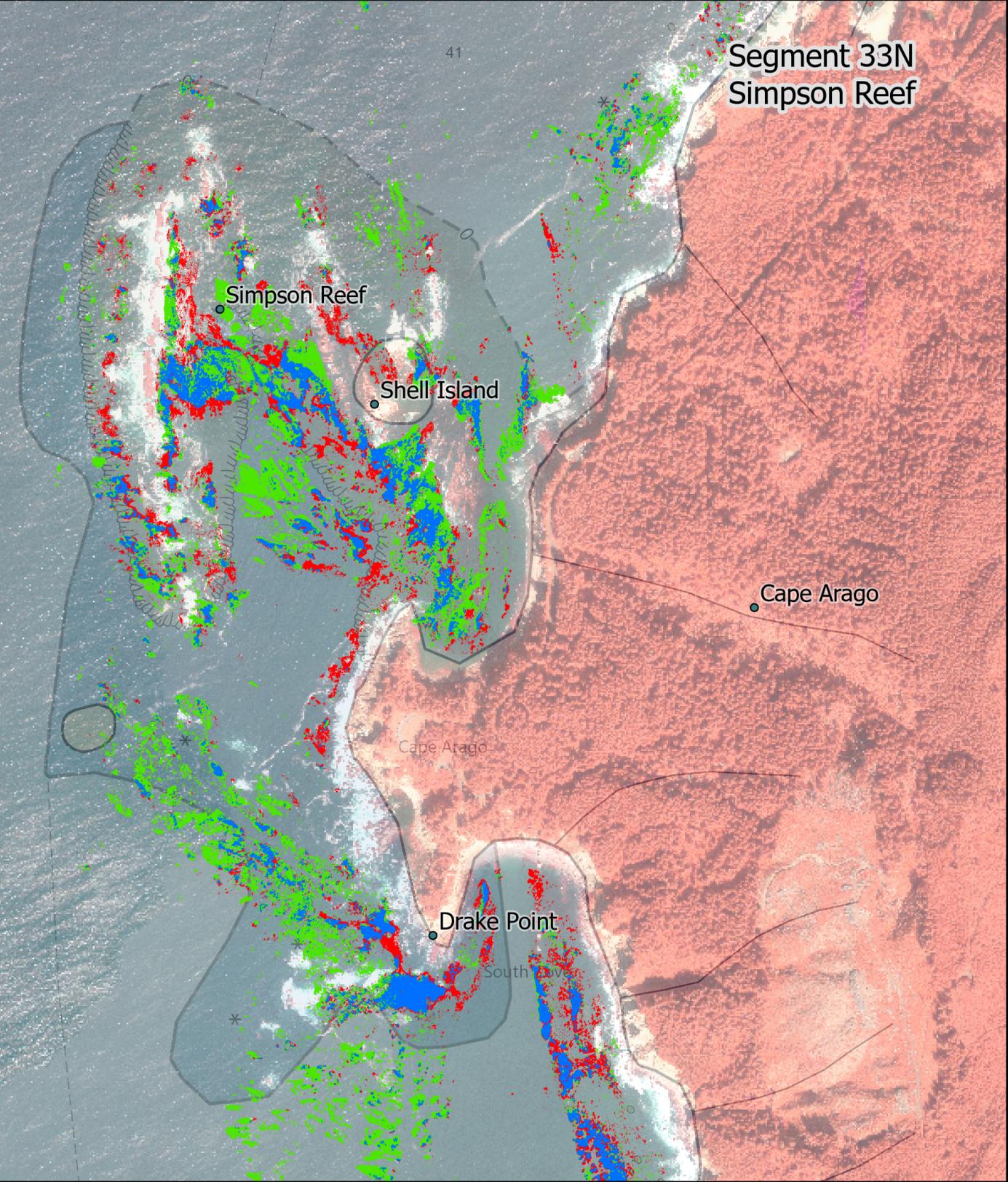
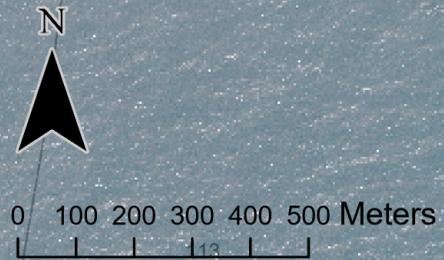
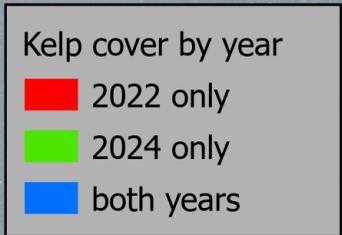
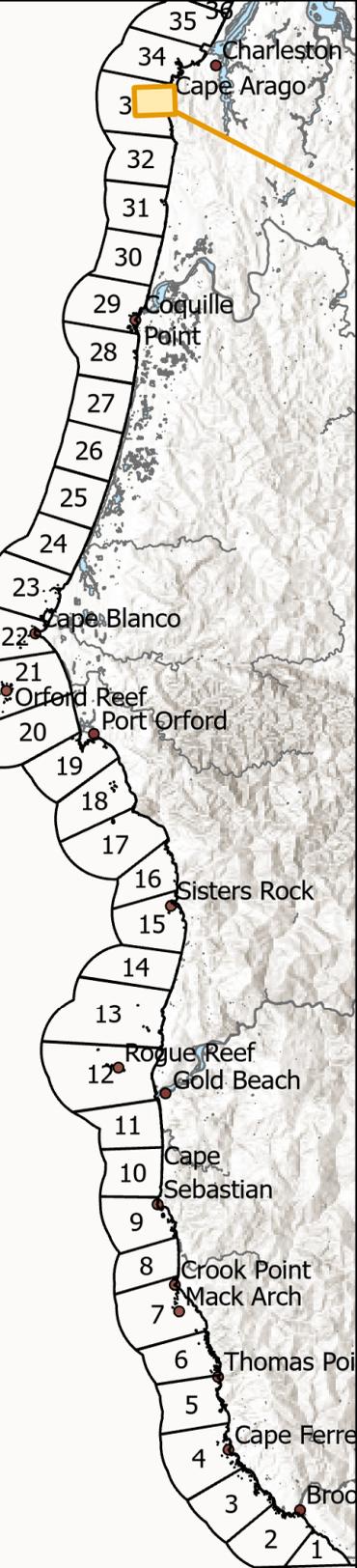
Segment 34S

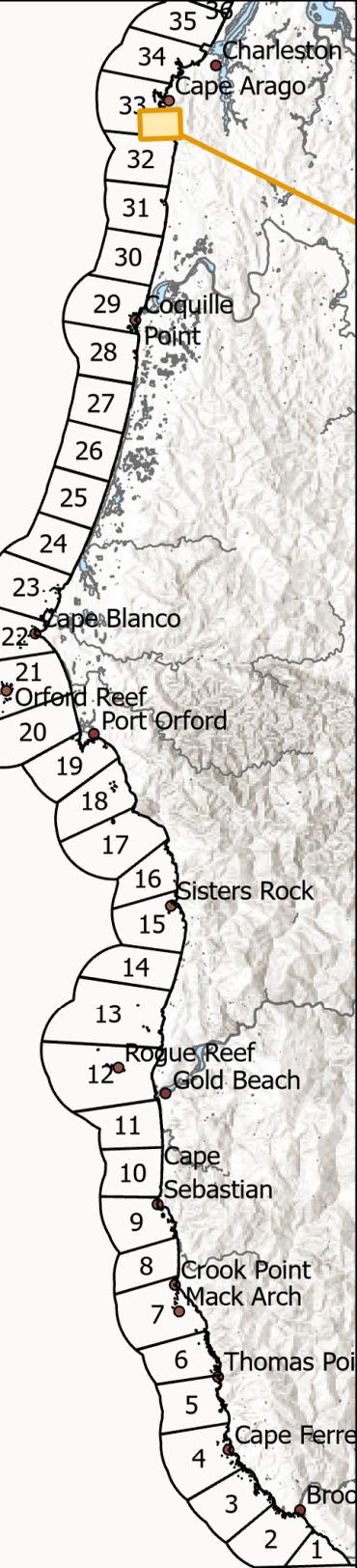
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33

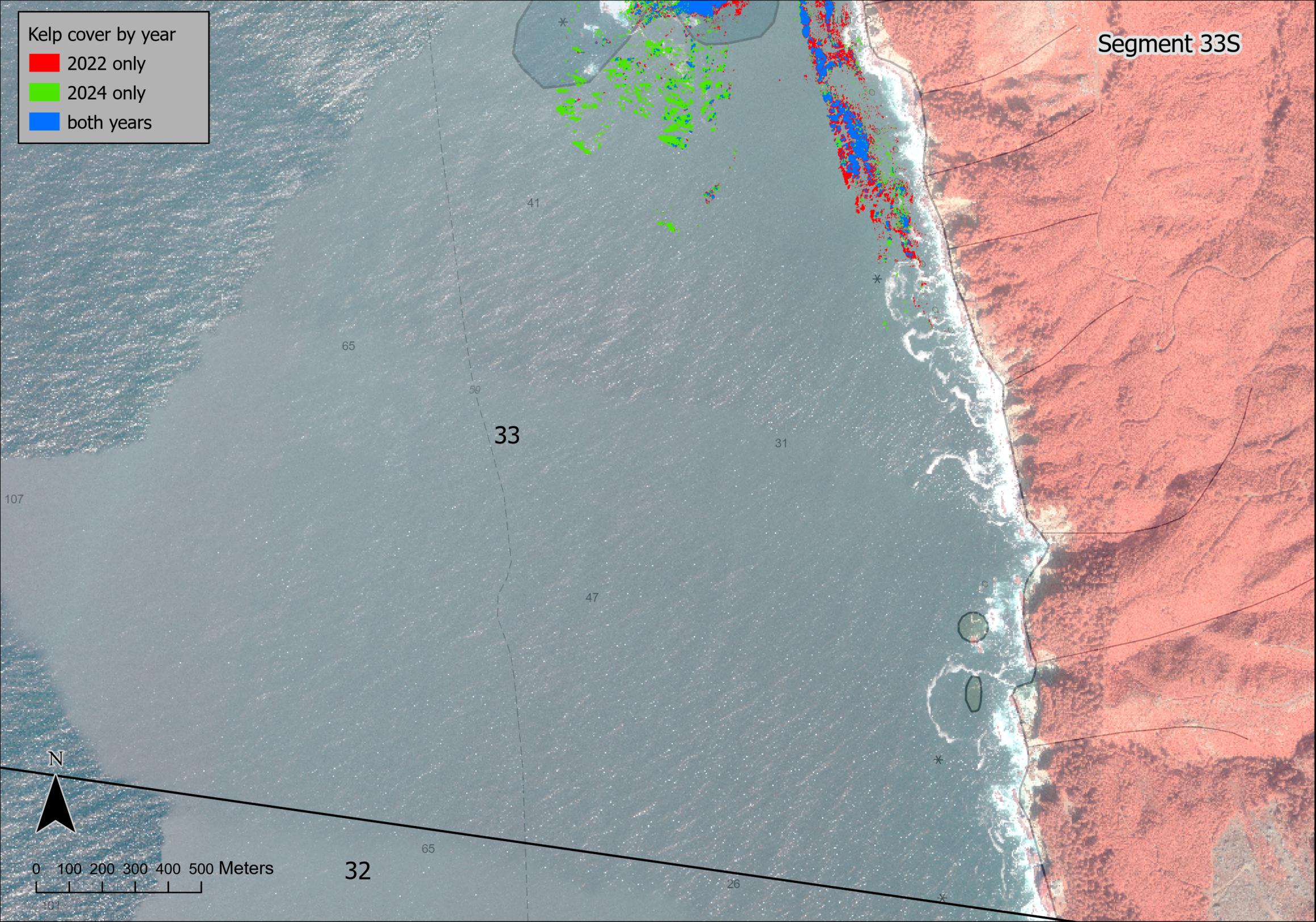
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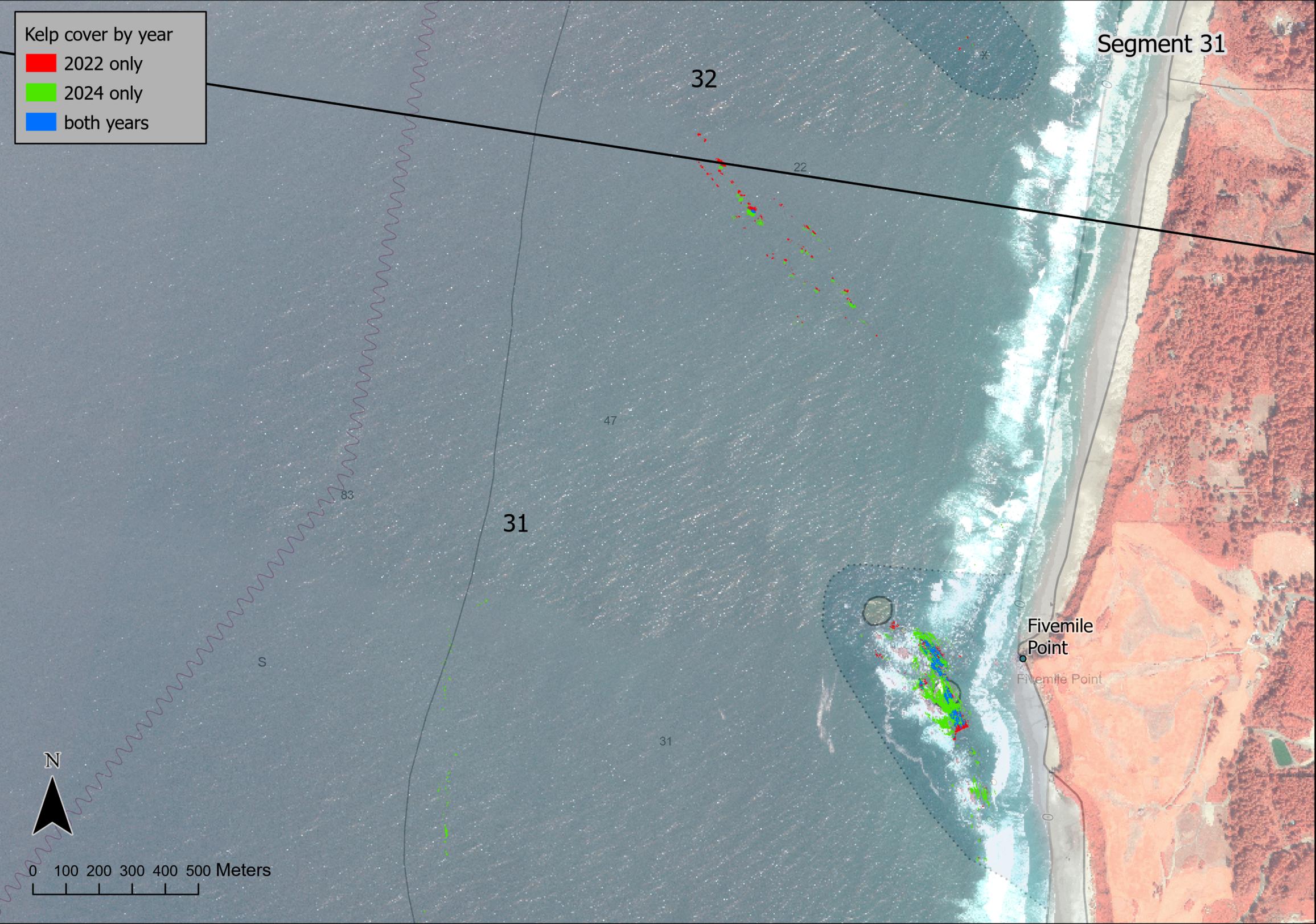
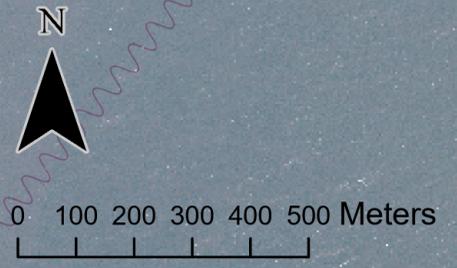
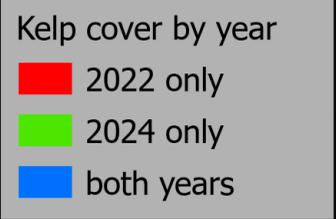
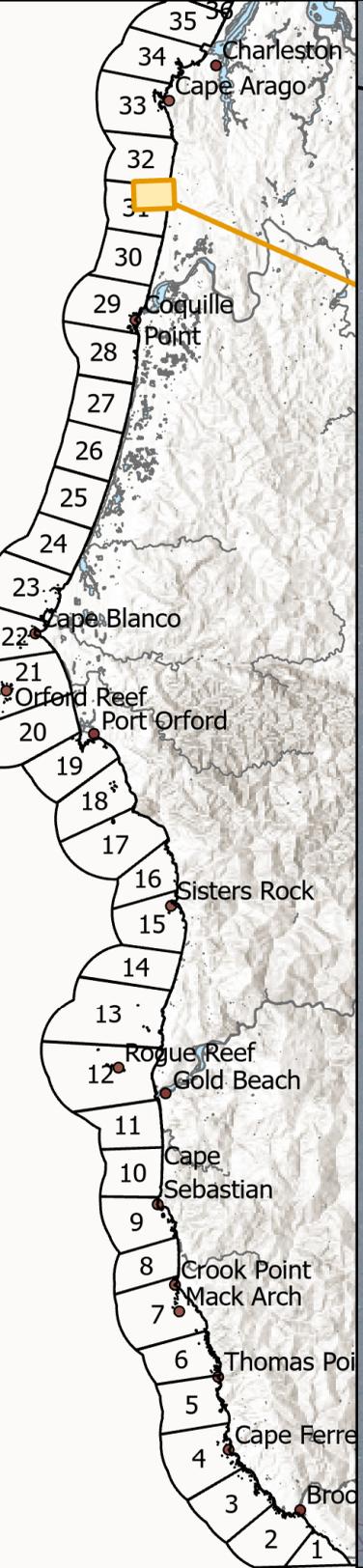
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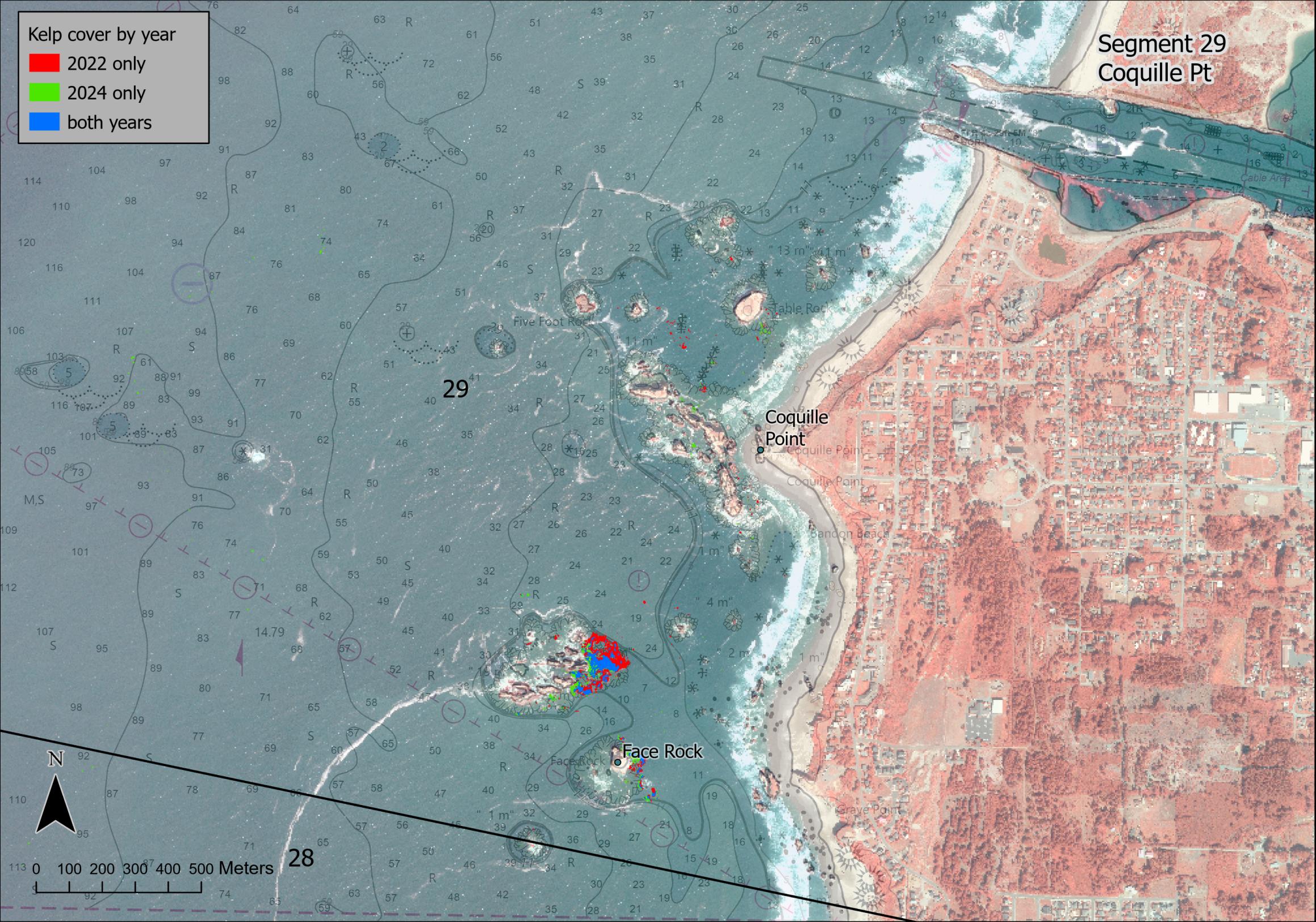
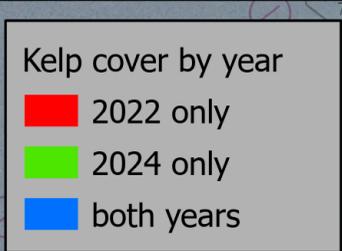
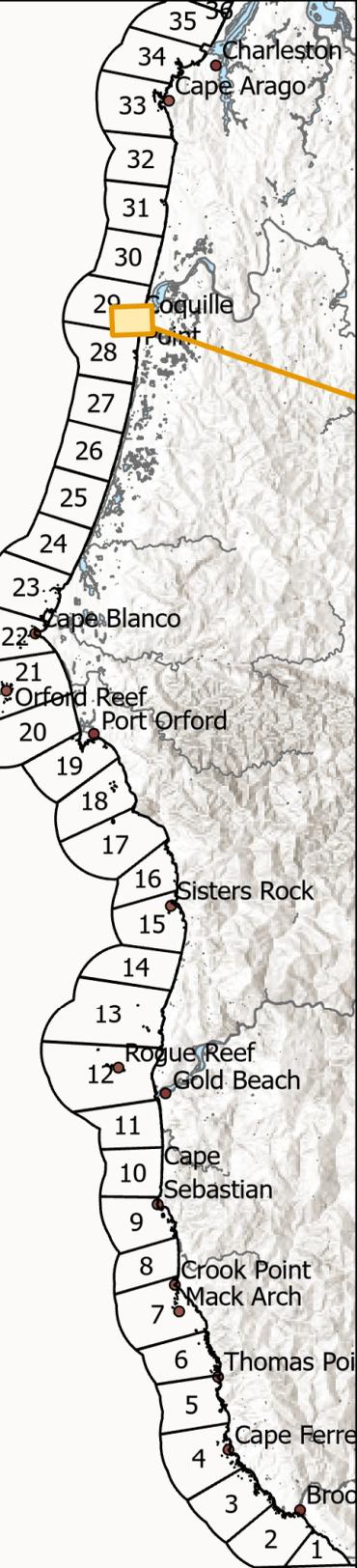




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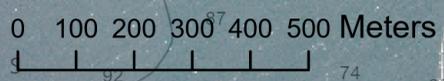


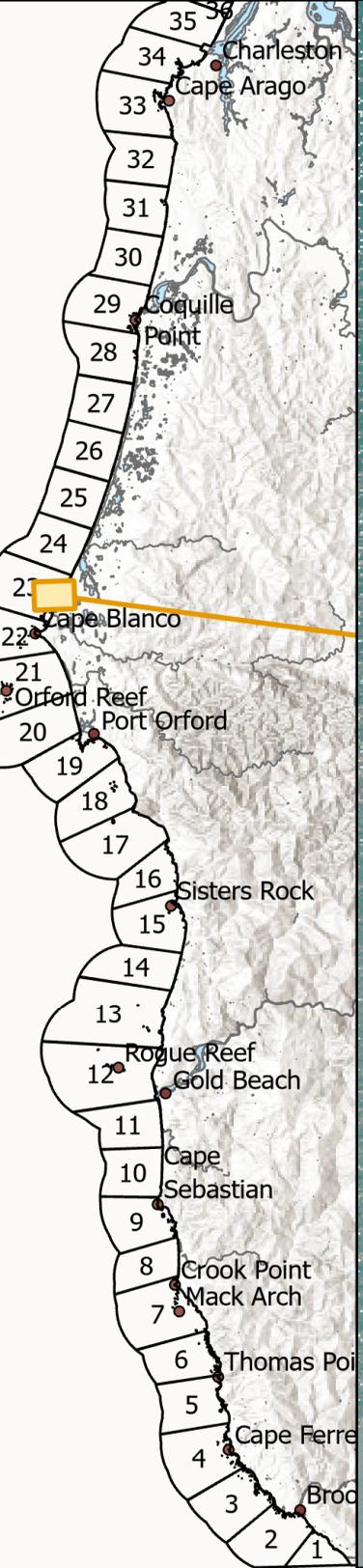


Segment 29
Coquille Pt

29

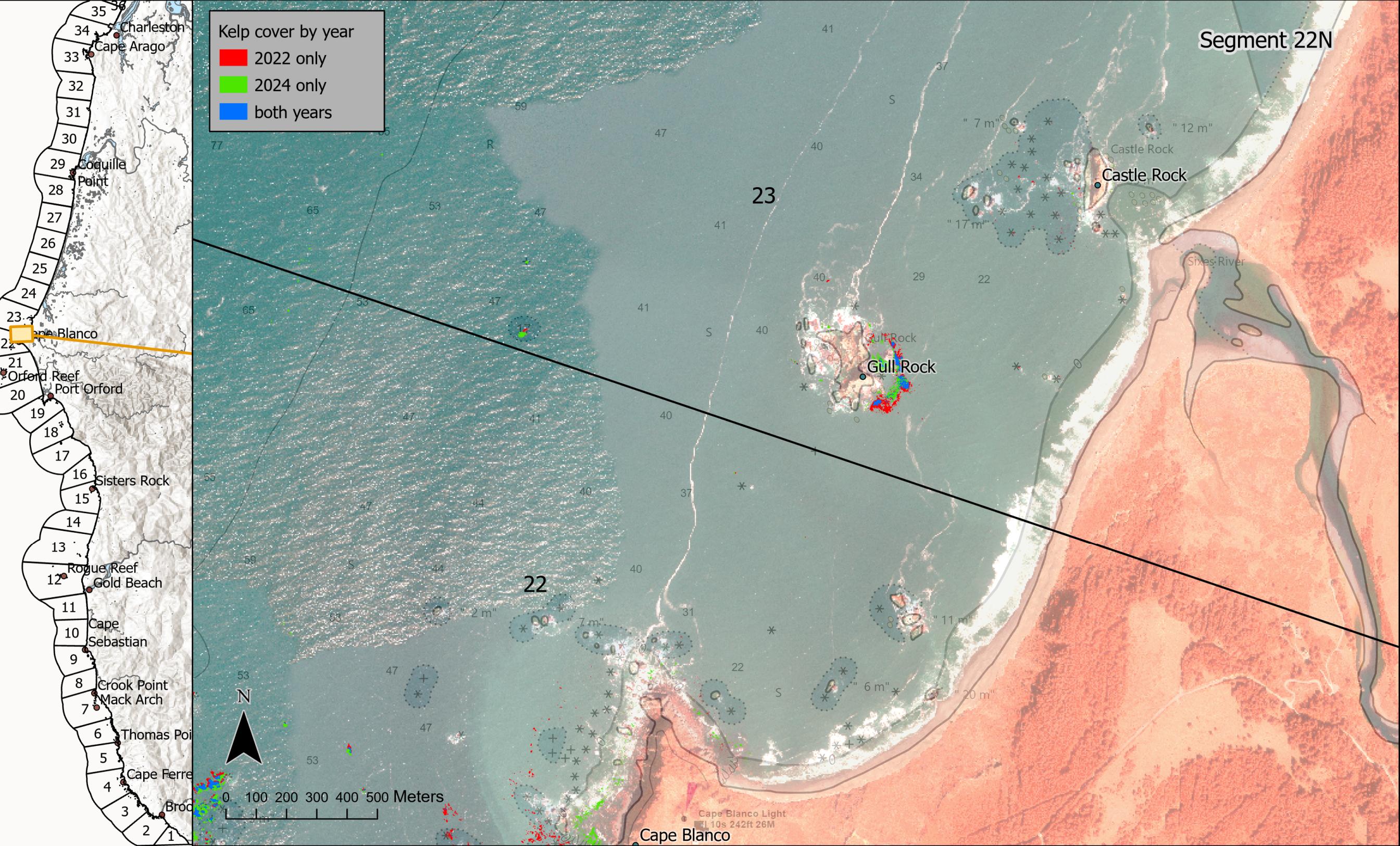
28





Segment 23





Kelp cover by year

- 2022 only
- 2024 only
- both years

Segment 22N

- 35
- 34 Charleston
- 33 Cape Arago
- 32
- 31
- 30
- 29 Coquille Point
- 28
- 27
- 26
- 25
- 24
- 23 Cape Blanco
- 22
- 21 Orford Reef
- 20 Port Orford
- 19
- 18*
- 17
- 16 Sisters Rock
- 15
- 14
- 13
- 12 Rogue Reef Gold Beach
- 11
- 10 Cape Sebastian
- 9
- 8 Crook Point Mack Arch
- 7
- 6 Thomas Point
- 5 Cape Ferre
- 4
- 3
- 2
- 1

53

N

0 100 200 300 400 500 Meters

Cape Blanco Light
L 10s 242ft 26M

23

22

" 7 m"

" 12 m"

Castle Rock

Castle Rock

Sixes River

" 17 m"

Gull Rock

Gull Rock

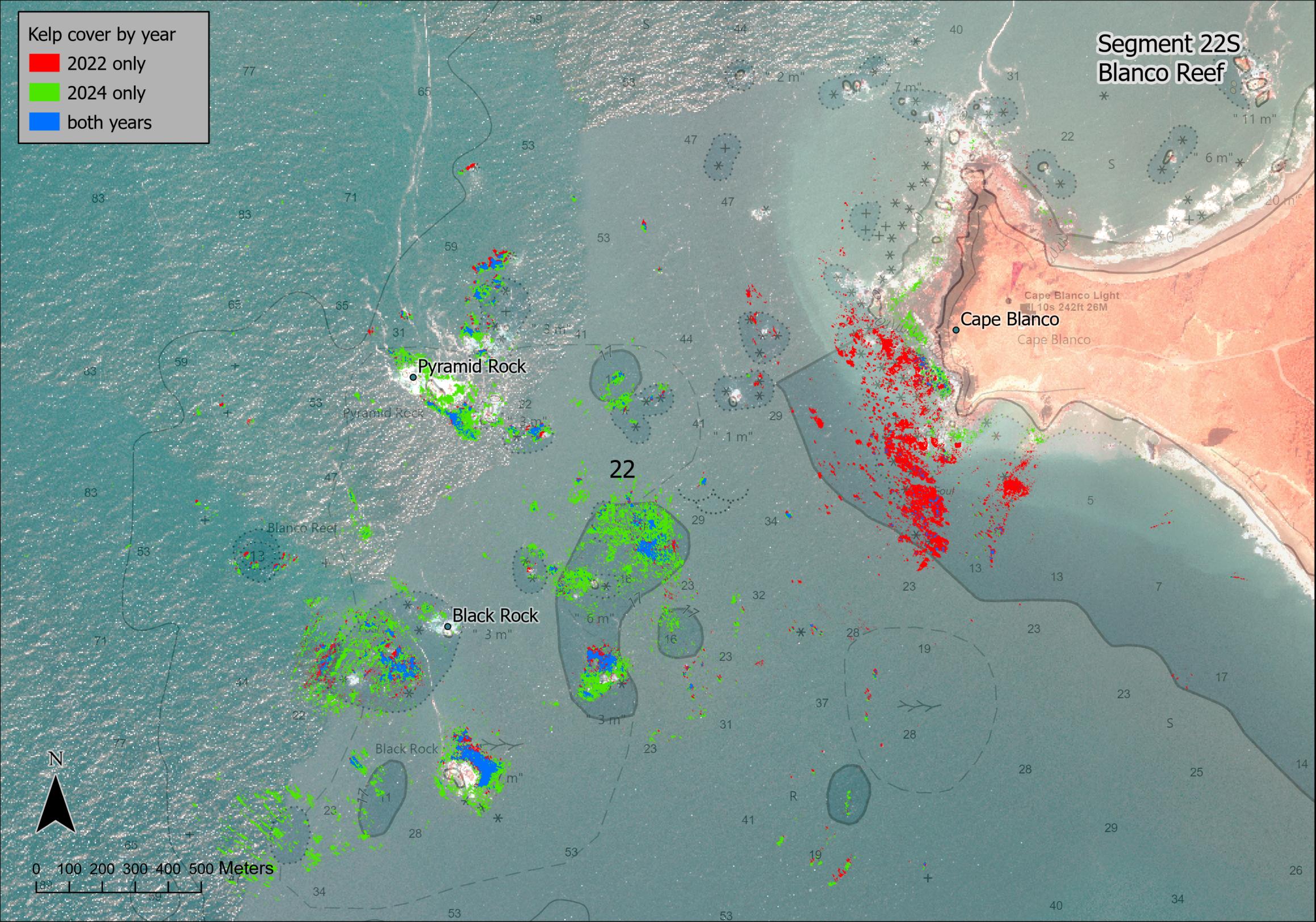
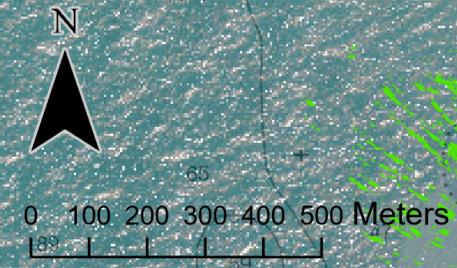
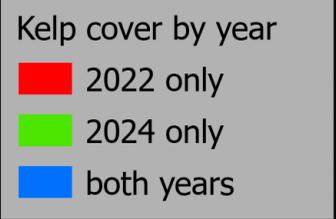
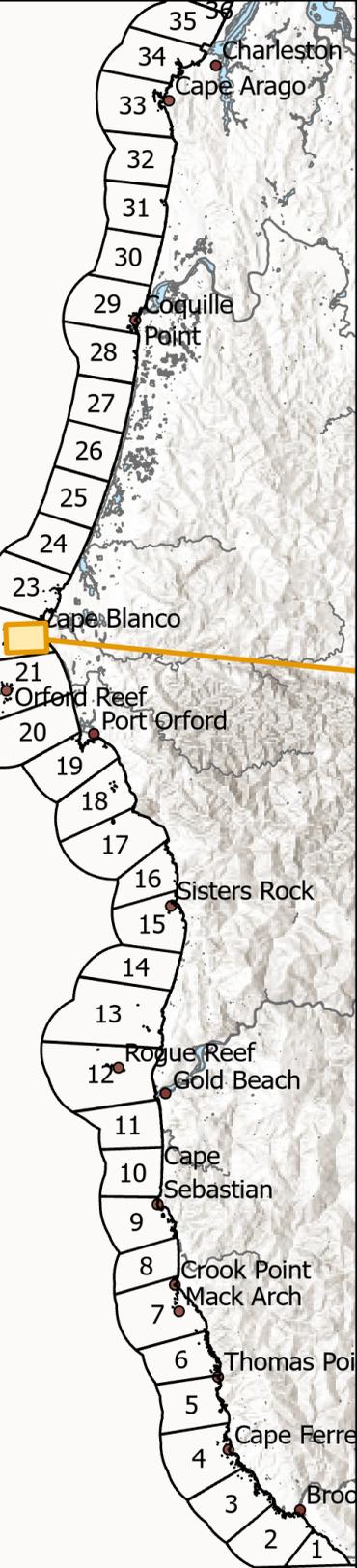
" 2 m"

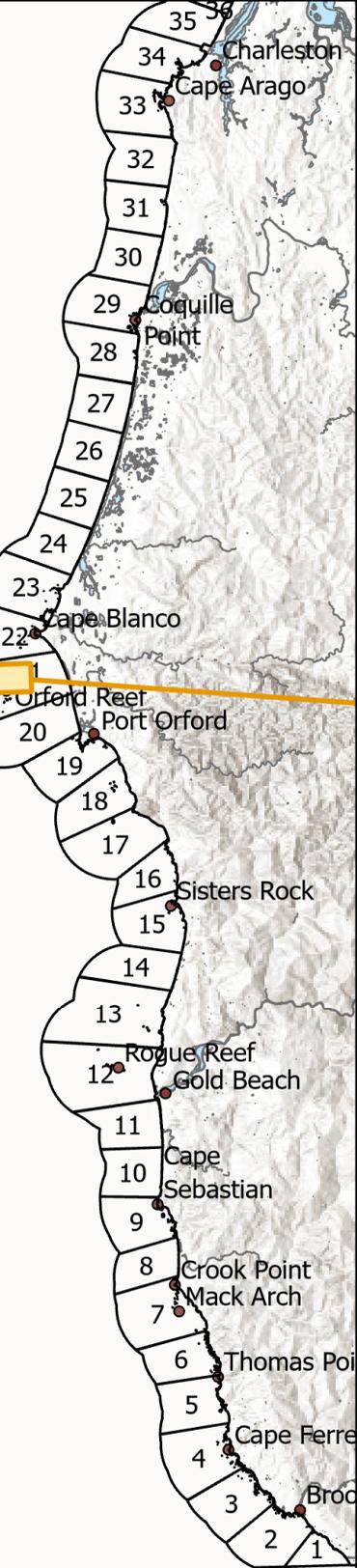
" 7 m"

" 11 m"

" 6 m"

" 20 m"

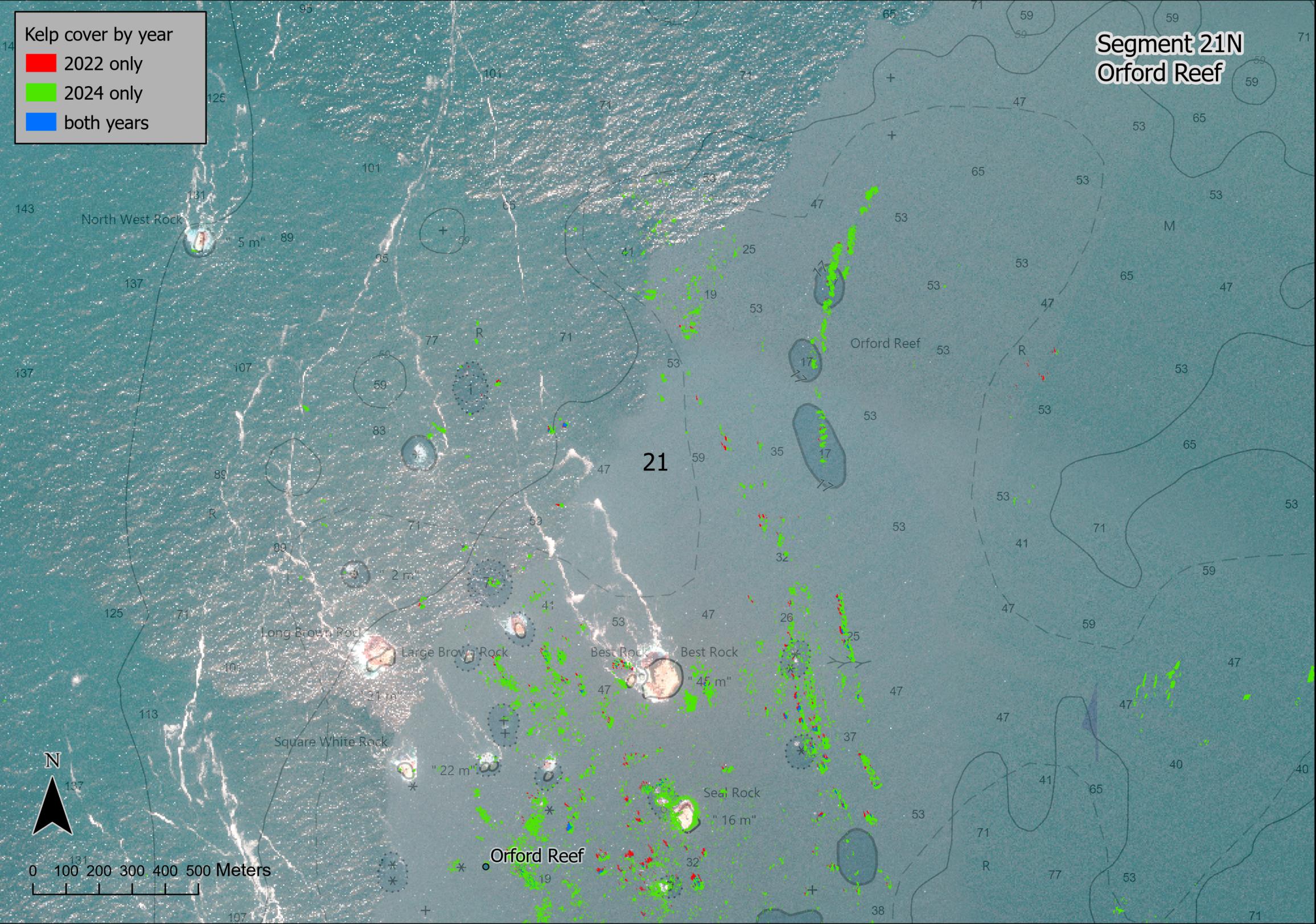




Kelp cover by year

- 2022 only
- 2024 only
- both years

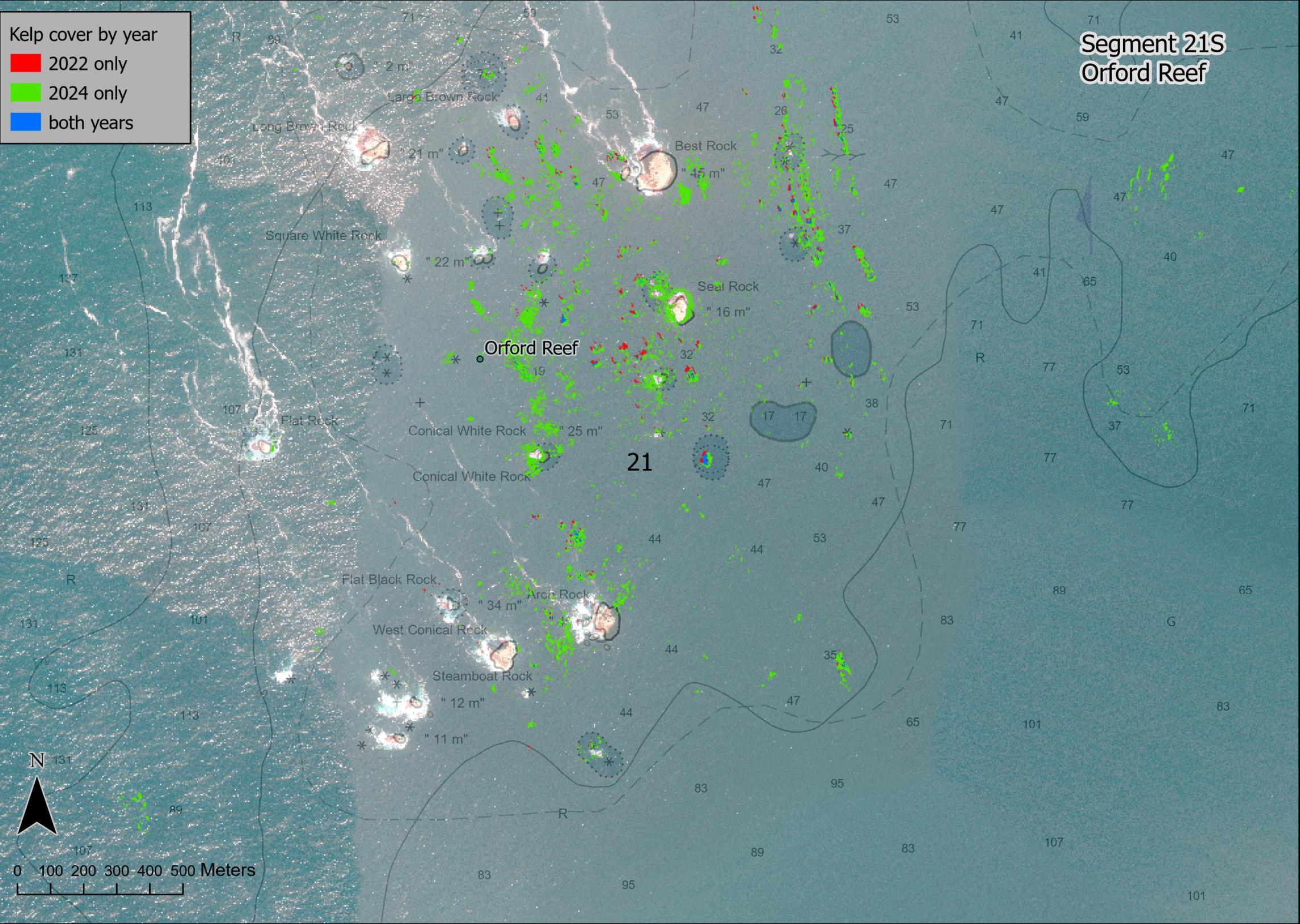
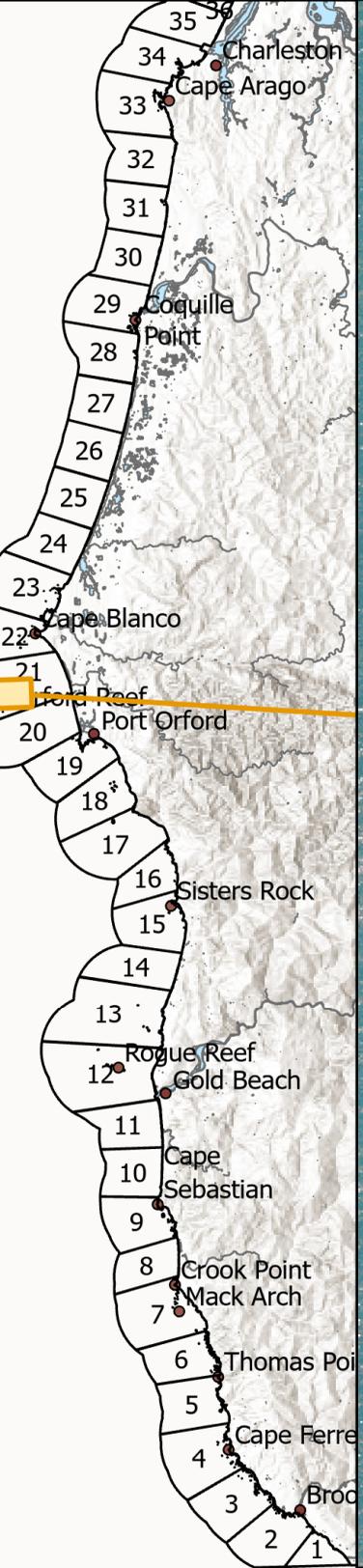
**Segment 21N
Orford Reef**



Segment 21S Orford Reef

Kelp cover by year

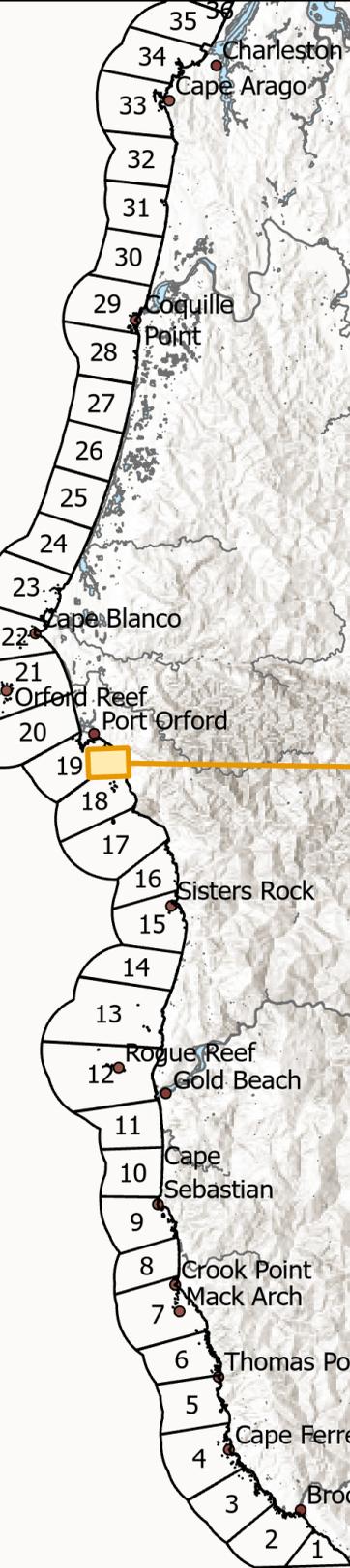
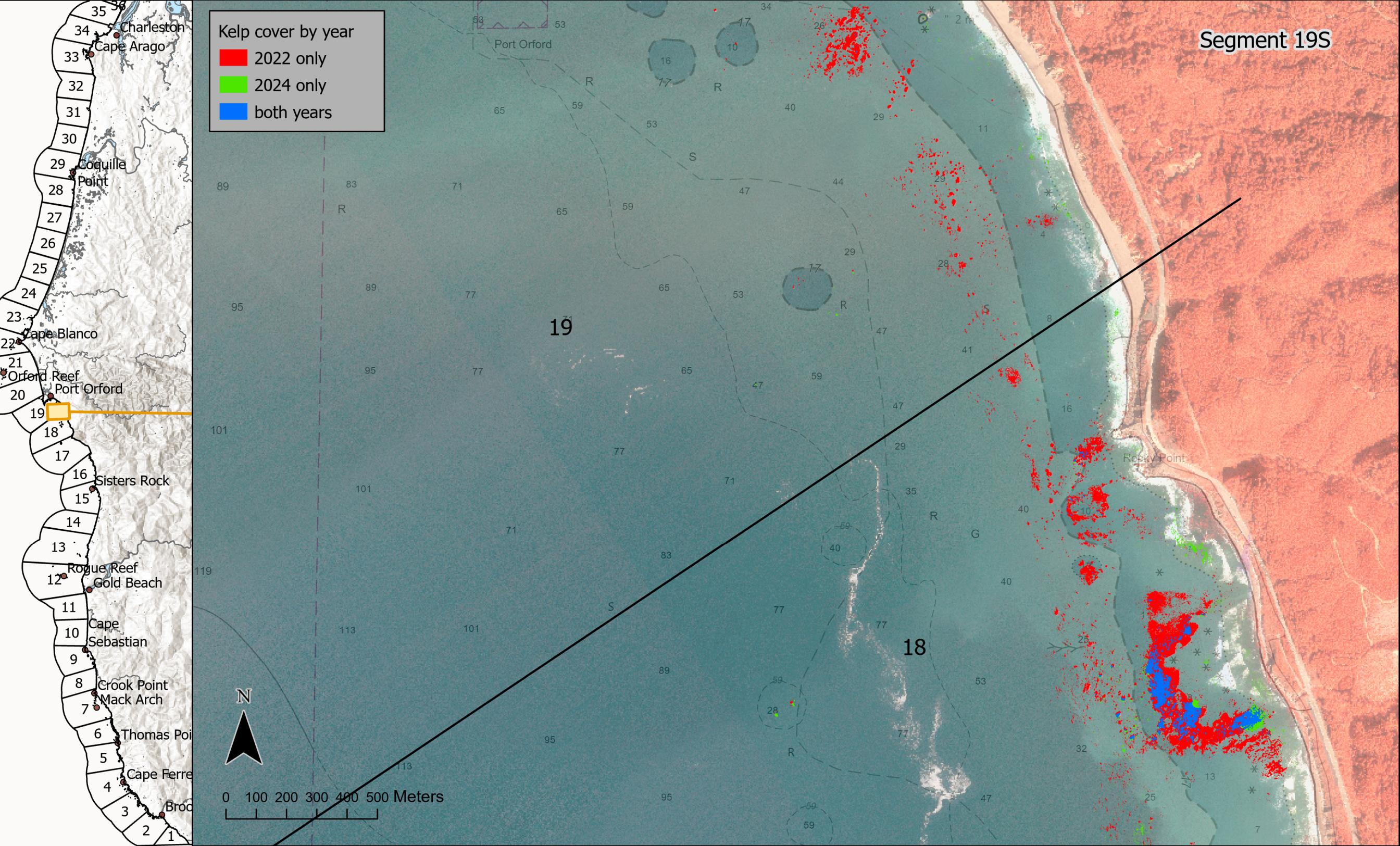
- 2022 only
- 2024 only
- both years



Segment 19S

Kelp cover by year

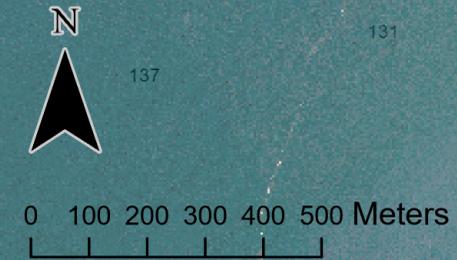
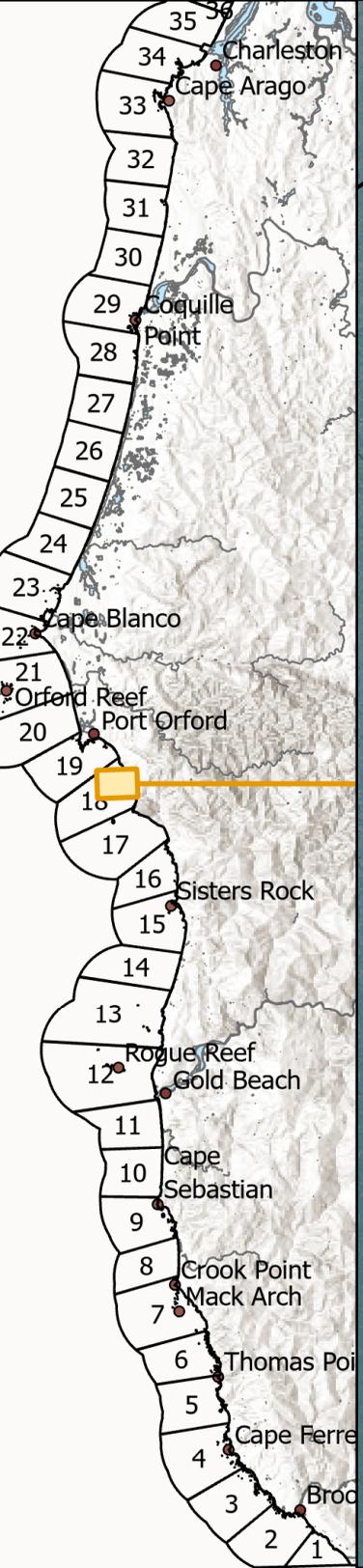
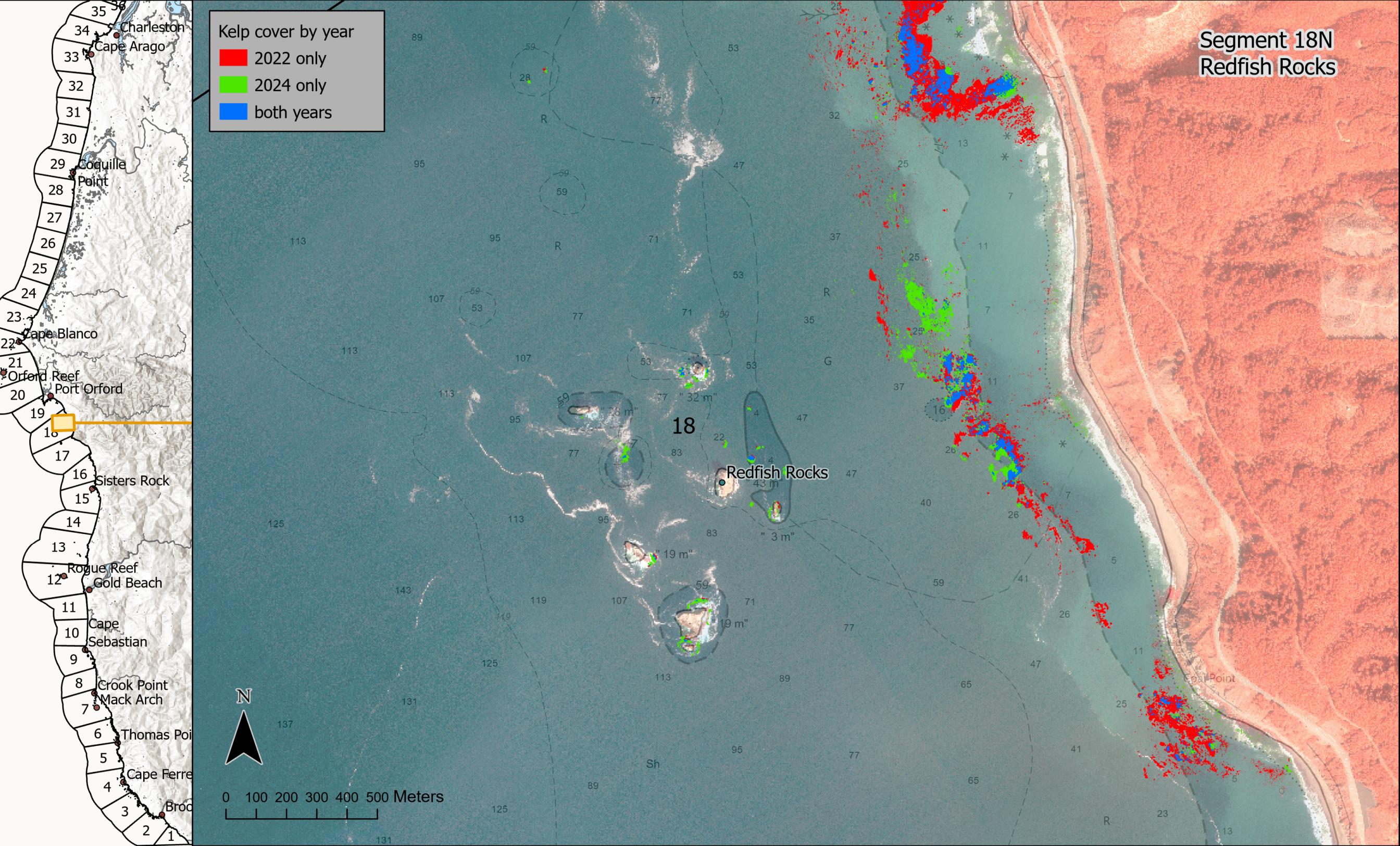
- 2022 only
- 2024 only
- both years



Segment 18N Redfish Rocks

Kelp cover by year

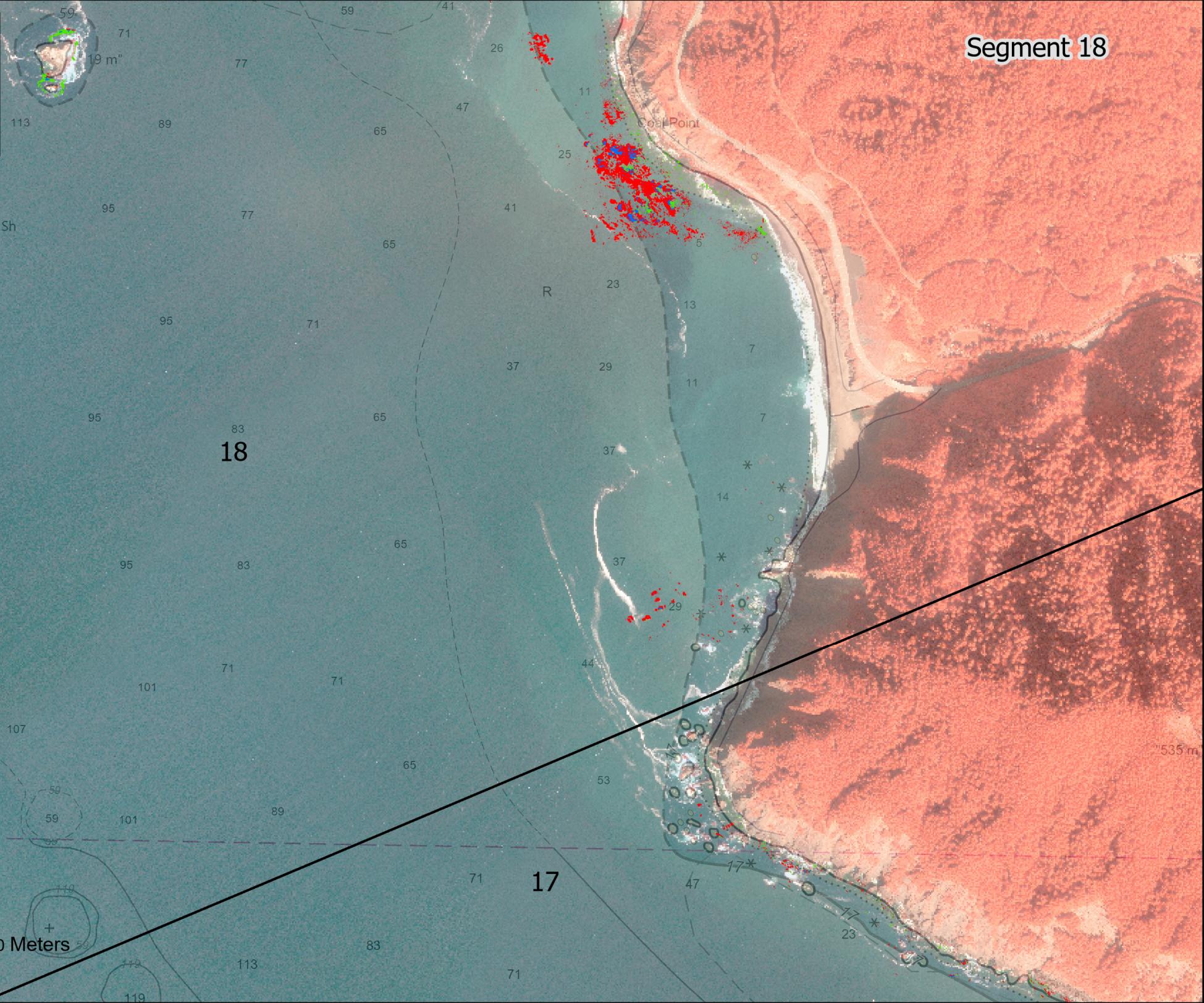
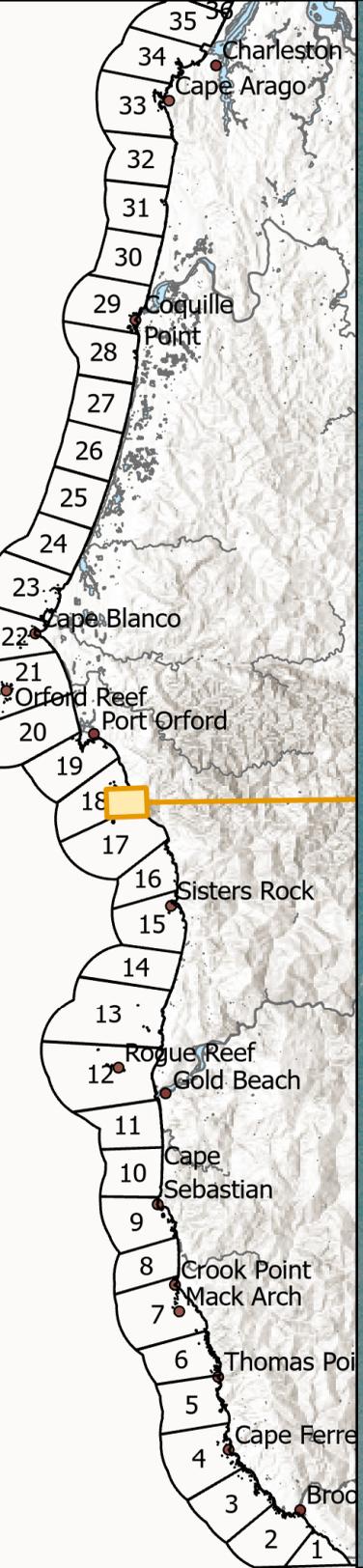
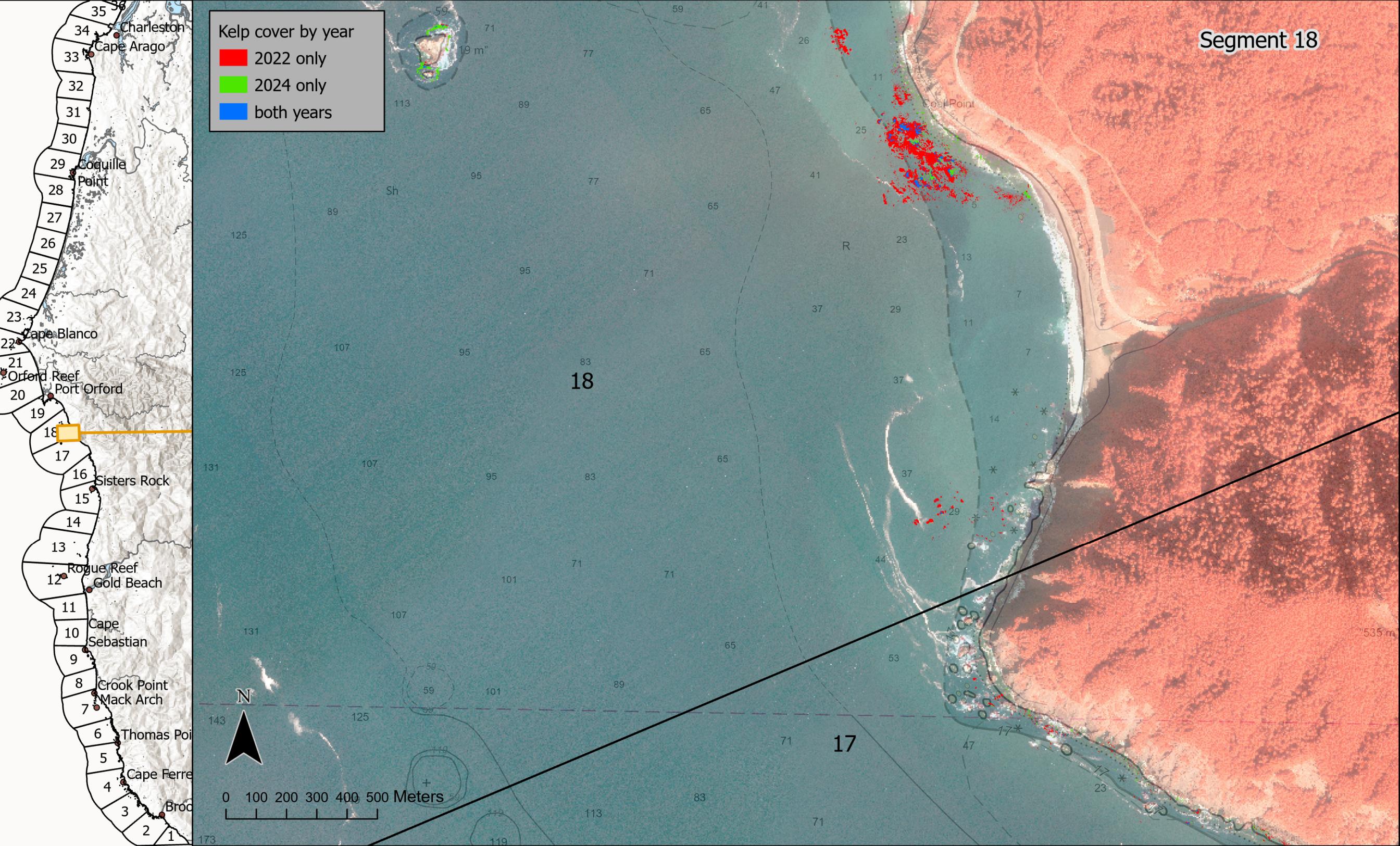
- 2022 only
- 2024 only
- both years



Segment 18

Kelp cover by year

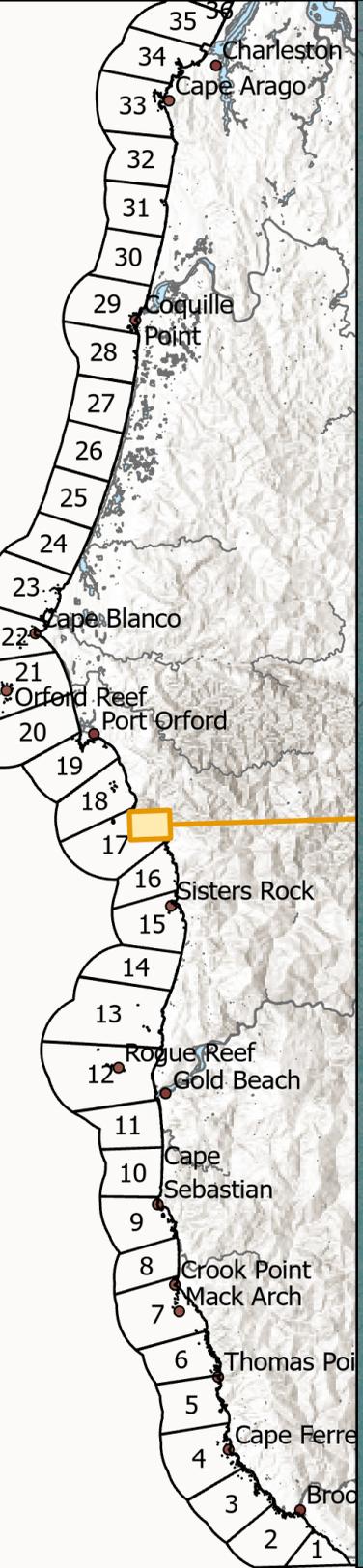
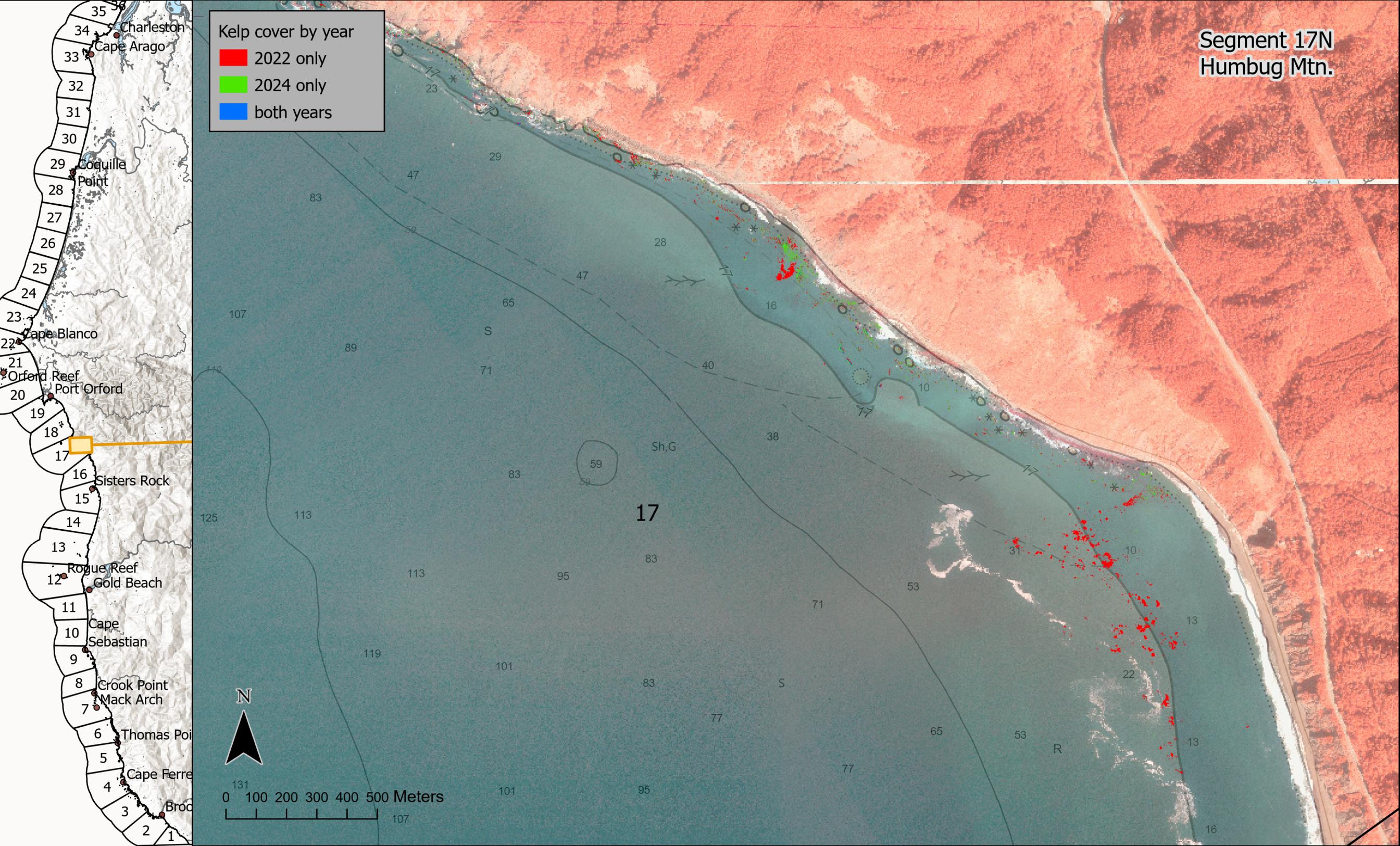
- 2022 only
- 2024 only
- both years

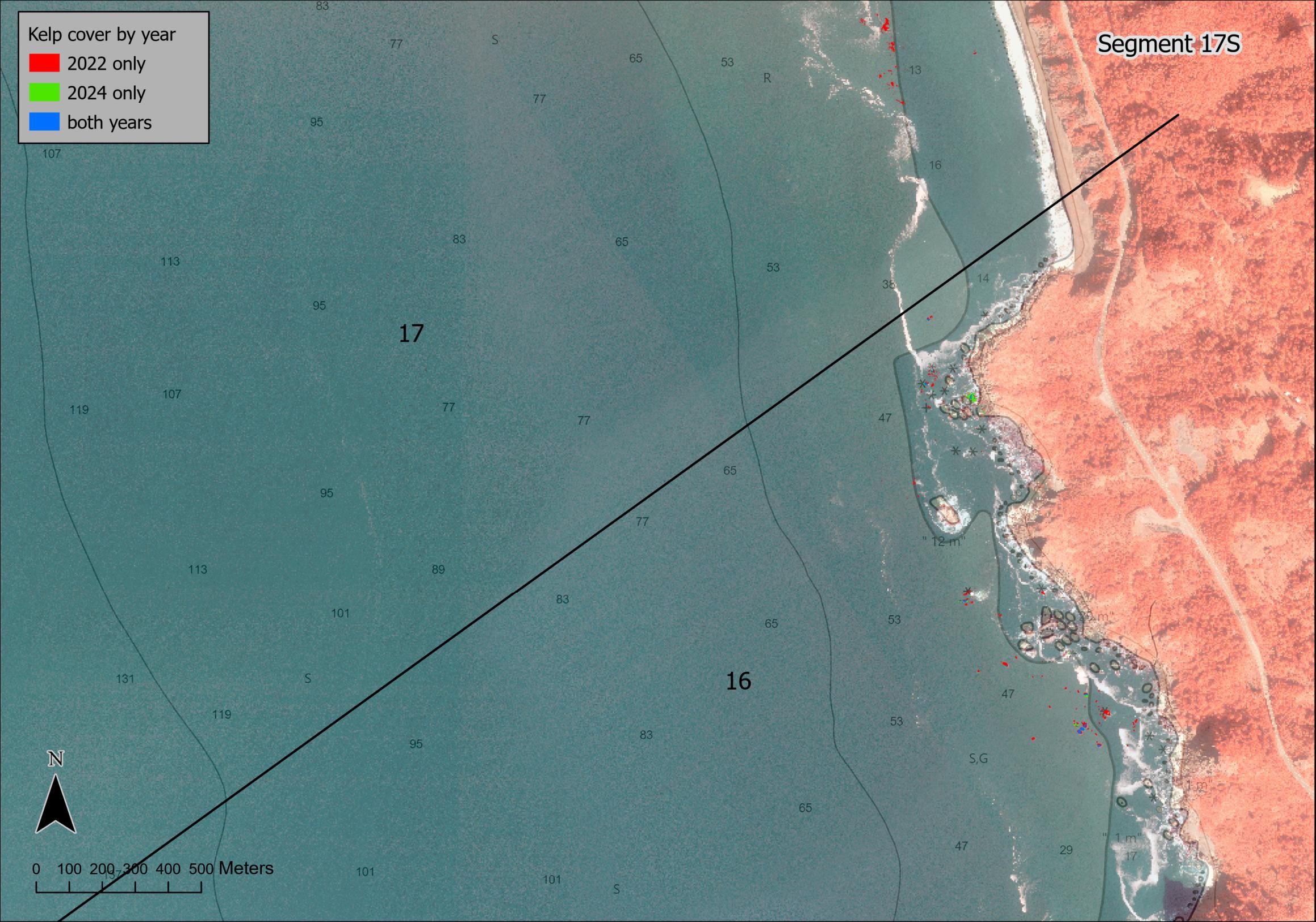
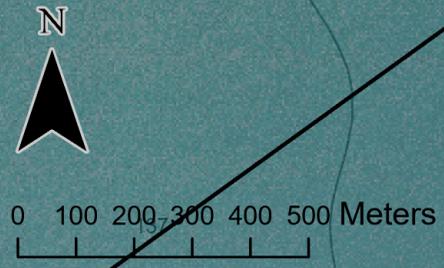
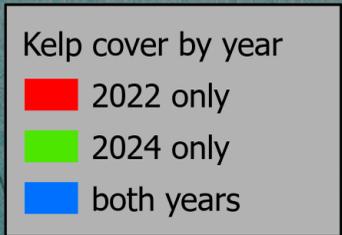
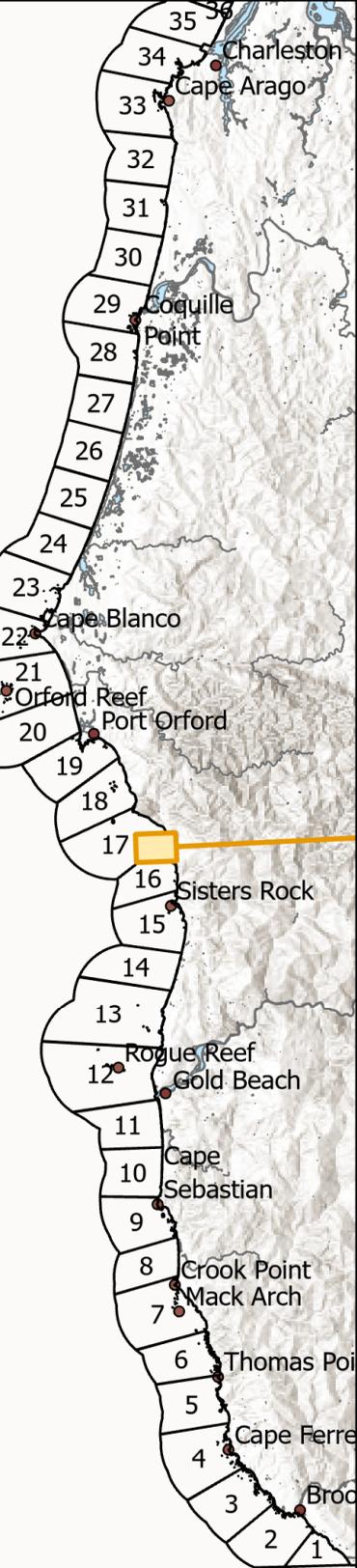


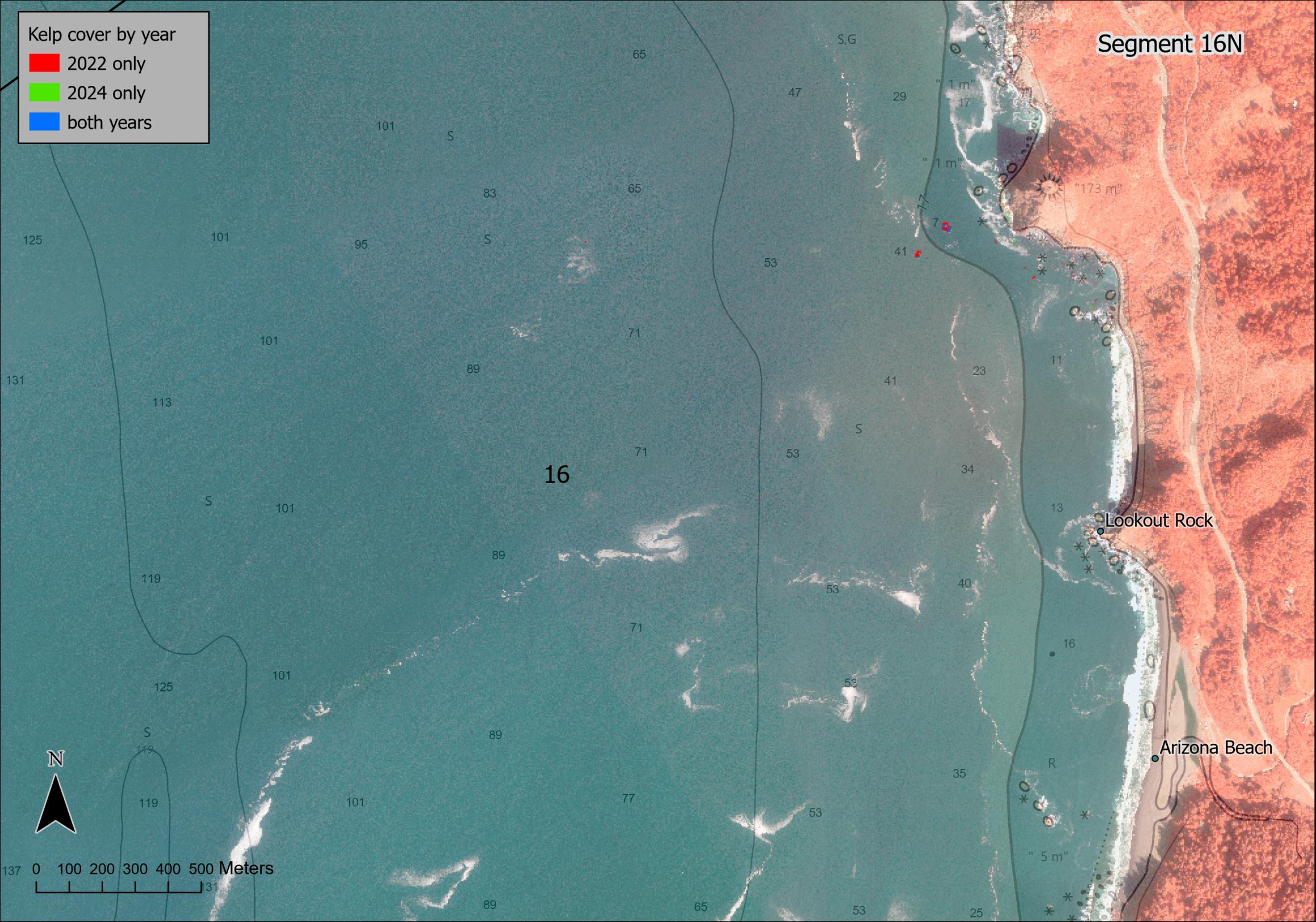
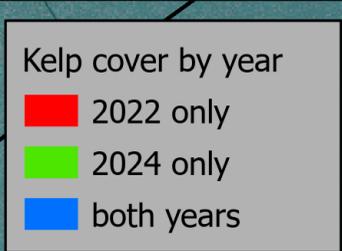
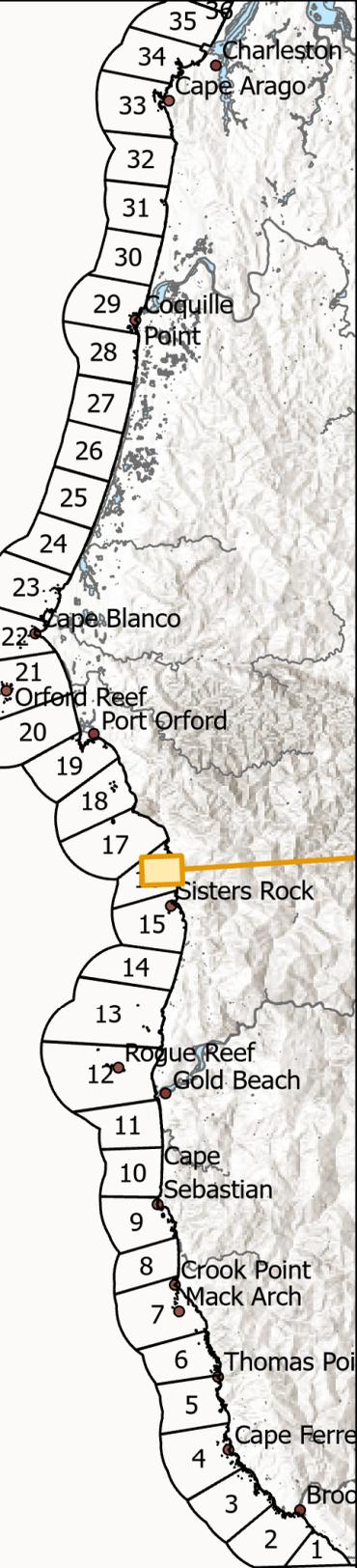
Segment 17N
Humbug Mtn.

Kelp cover by year

- 2022 only
- 2024 only
- both years



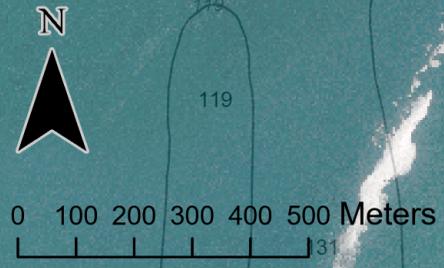


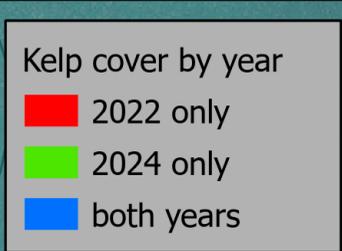
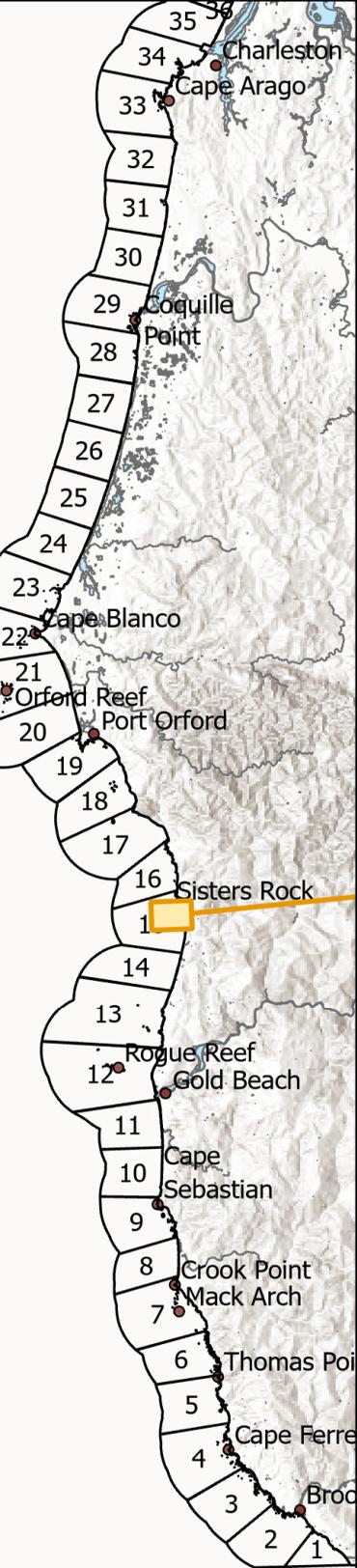


Segment 16N

Lookout Rock

Arizona Beach





**Segment 15
Sisters Rk.**

