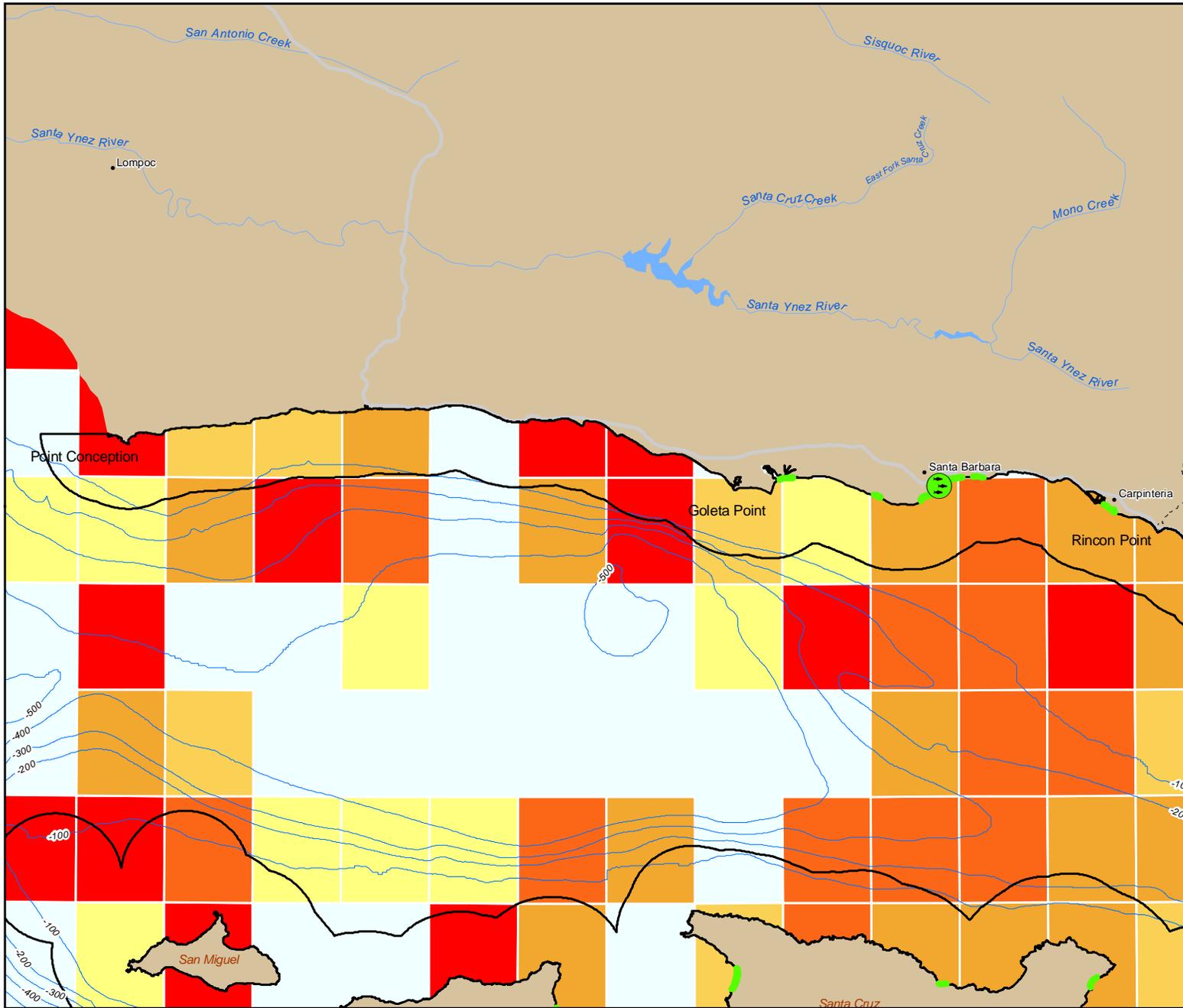




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Legend

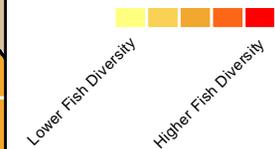
○ South Coast Study Region Boundary

~ Isobaths

● Grunion Spawning Locations

⊖ White Seabass Growout Facilities

Fish Diversity



California Marine Life Protection Act (MLPA) Initiative

Disclaimer:

The map depicts the top 20th percentile demersal (bottom) fish diversity and density based on fisheries-independent trawl surveys (National Marine Fisheries Services and CDFG) and other data as compiled in the NOAA Biogeographic Assessment in 2006.

The areas and uses identified on this map represent an approximation of some (not all) important areas of biodiversity in the MLPA South Coast Study Region. It should be noted that not all the areas of fish biodiversity are represented on this map.

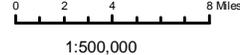
The data shown on this map was the best readily available information as of August 29, 2008.

Grunion Spawning Locations:

This dataset includes recent sightings by the Grunion Greeters Citizen Science Project, as well as a few historical sightings. This is a preliminary dataset as it relies on the general public for data acquisition, not all beaches where spawning occurs are represented, nor are all spawning events at each beach witnessed and recorded.

Projection Information:

Name: NAD 1983 California Teale Albers
 Projection: Albers
 Datum: North American 1983



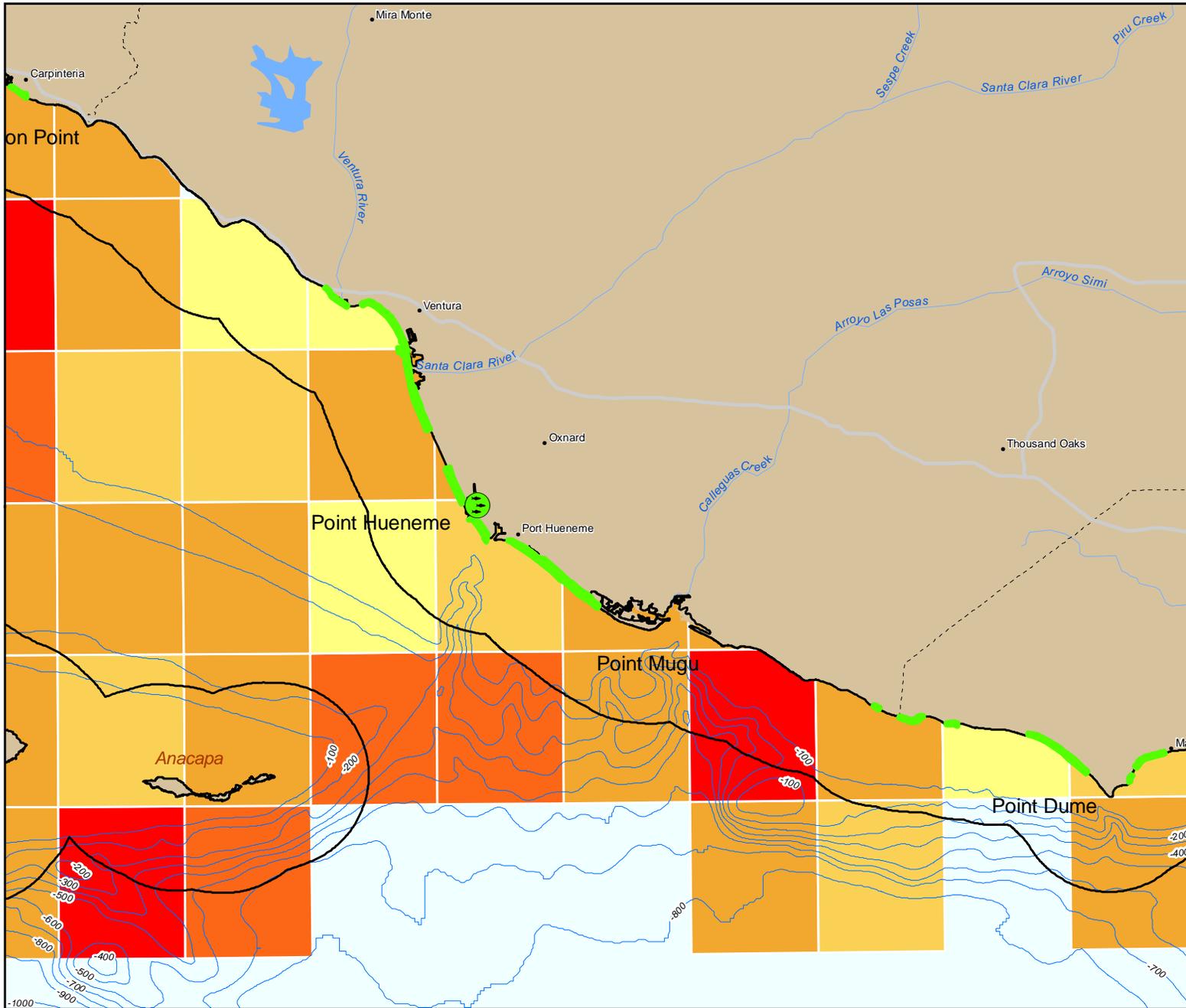
Data Sources :

Diversity - NOAA Biogeographic Assessment - Channel Islands NMS
 Grunion , White sea bass data - California Department of Fish and Game

Version: 2.0
 Printing Date: 7/4/2009



For more detailed maps please visit:
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Legend

- South Coast Study Region Boundary
- Isobaths
- Grunion Spawning Locations
- White Seabass Growout Facilities
- Fish Diversity**
- Lower Fish Diversity to Higher Fish Diversity

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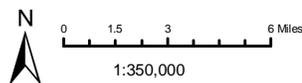
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Projection Information:

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 Projection: Albers
 Datum: North American 1983



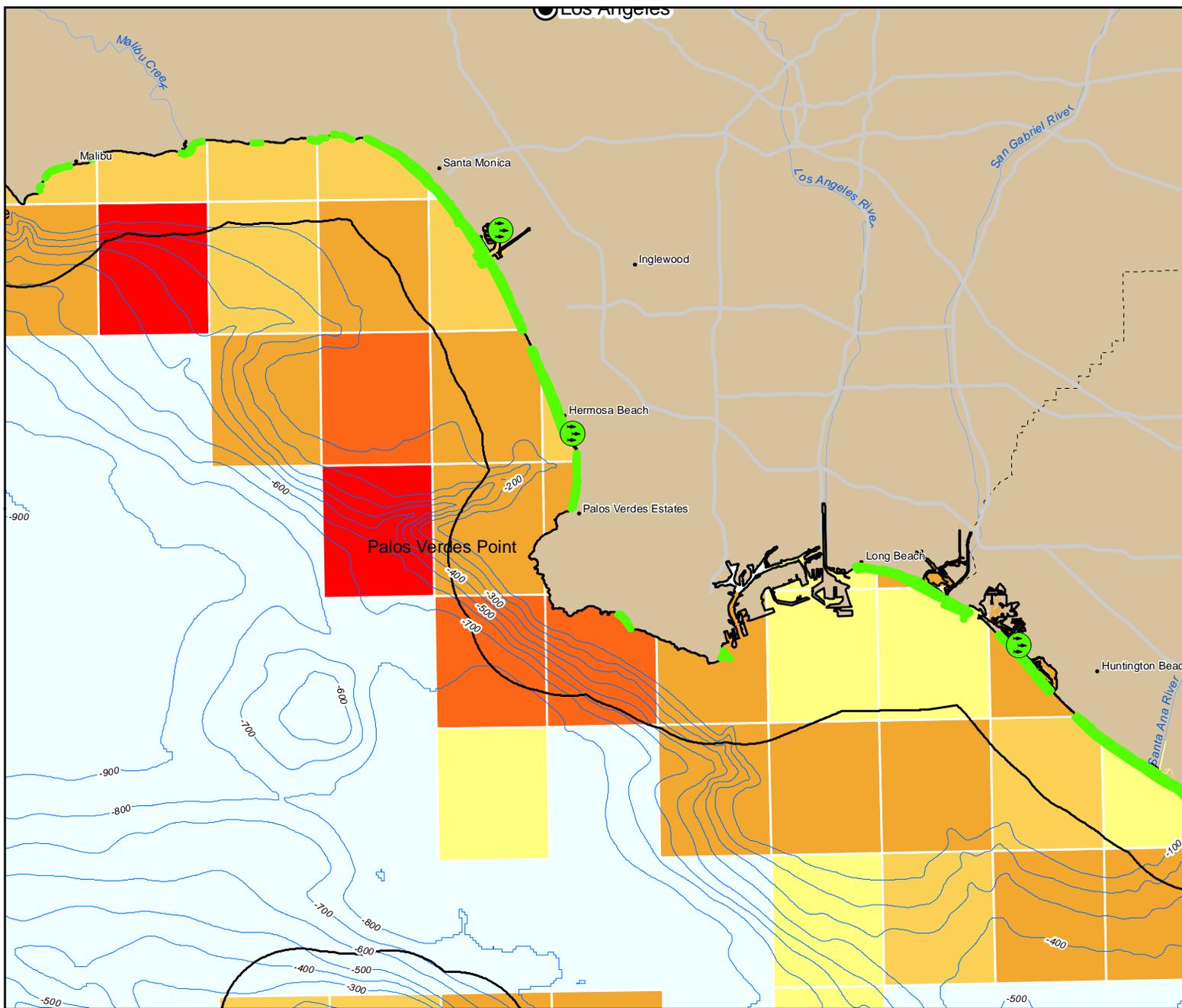
Data Sources :

Diversity - NOAA Biogeographic Assessment - Channel Islands NMS
 Grunion , White sea bass data - California Department of Fish and Game

Version: 2.0
 Printing Date: 7/4/2009



For more detailed maps please visit:
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Legend

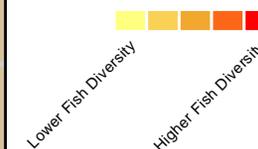
○ South Coast Study Region Boundary

~ Isobaths

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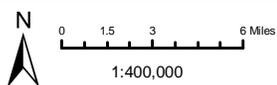
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Projection Information:

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 Projection: Albers
 Datum: North American 1983



Data Sources :

Diversity - NOAA Biogeographic Assessment - Channel Islands NMS
 Grunion , White sea bass data - California Department of Fish and Game

Version: 2.0
 Printing Date: 7/4/2009

Map 3.2 - 2c