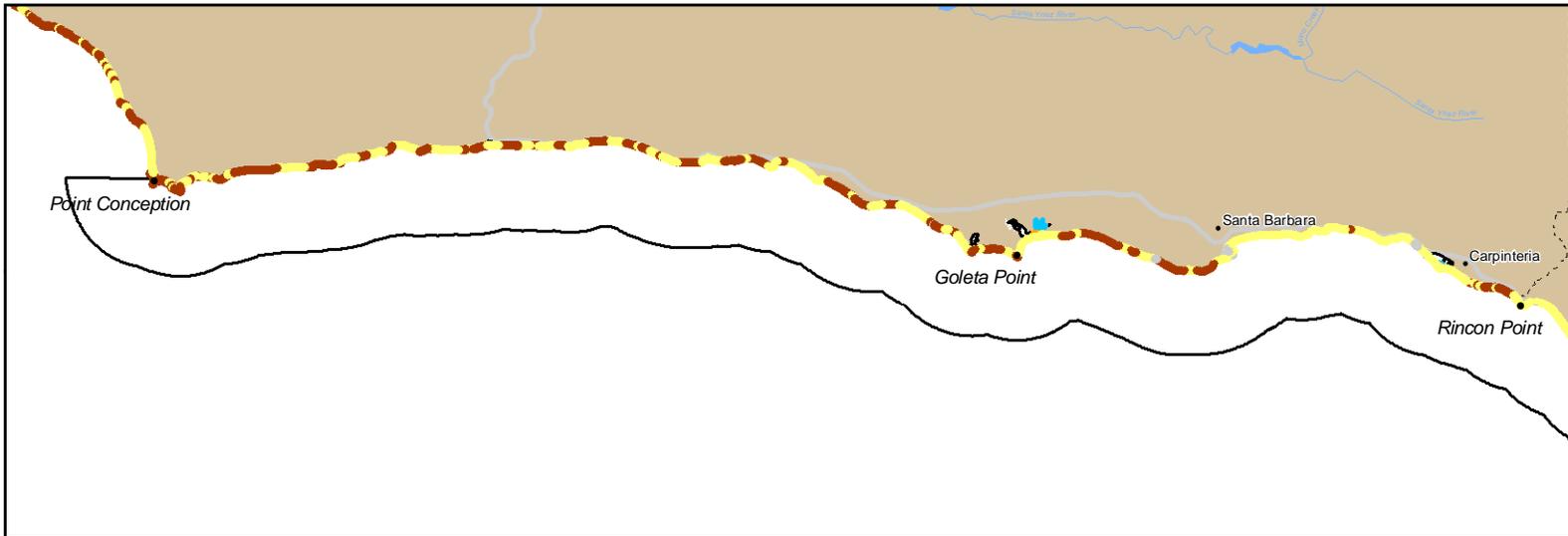


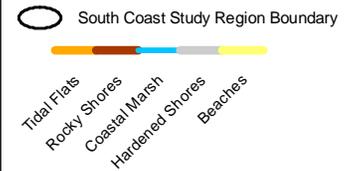


Shore Types

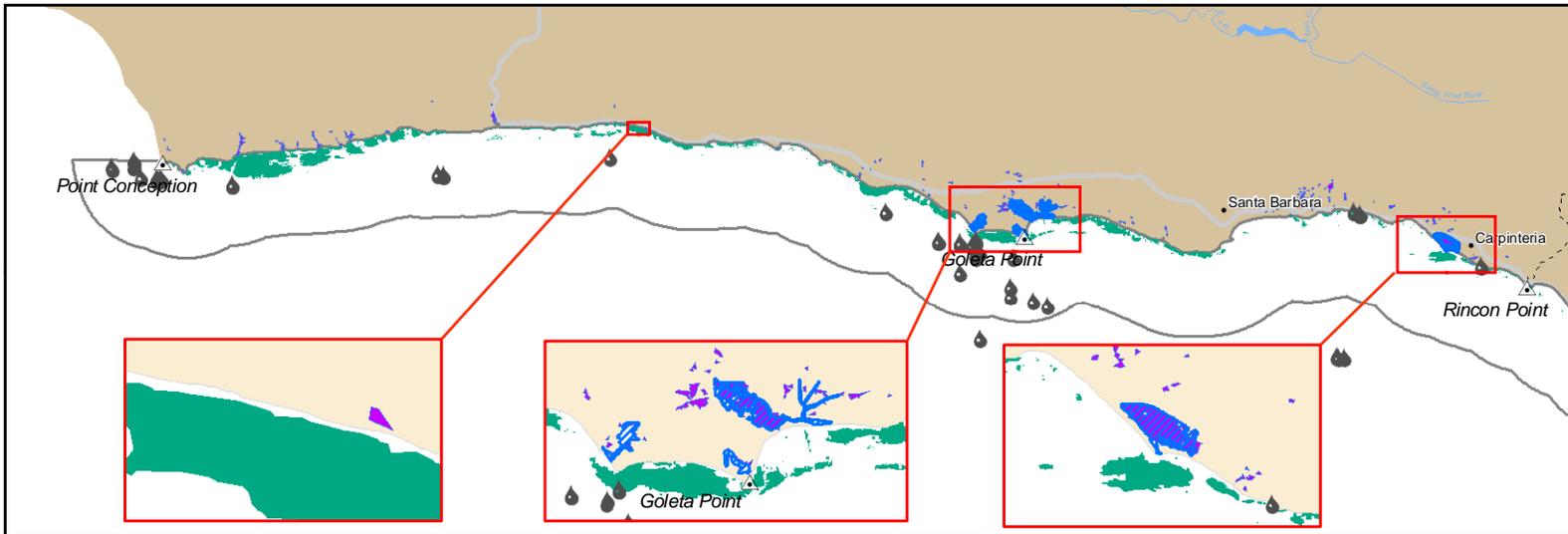


For more detailed maps please visit: www.marinemap.org/marinemap

Shore Types



Intertidal and Nearshore Habitats



Intertidal and Nearshore Habitats



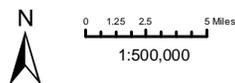
California Marine Life Protection Act (MLPA) Initiative

Note:
Kelp Data
The distribution of kelp represented on this map is derived from data collected by aerial surveys conducted by CDFG starting in 1989, and collected every year from 2002-2006. Kelp distribution on this map represents the largest possible extent of kelp canopy based on these data, which represent the best readily available information.

Shoreline (ESI) data
Shoreline data: NOAA's Environmental Sensitivity Index (ESI) data identify 24 different shoreline types in 3 overlapping coastal zones. For display purposes, these data have been simplified to 5 categories on this map, as the scale at which these maps are provided does not support the original resolution of these data. Note that these maps are for broad overview purposes, and that finer resolution information is available online using MarineMap

Projection Information:

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



Data Sources:

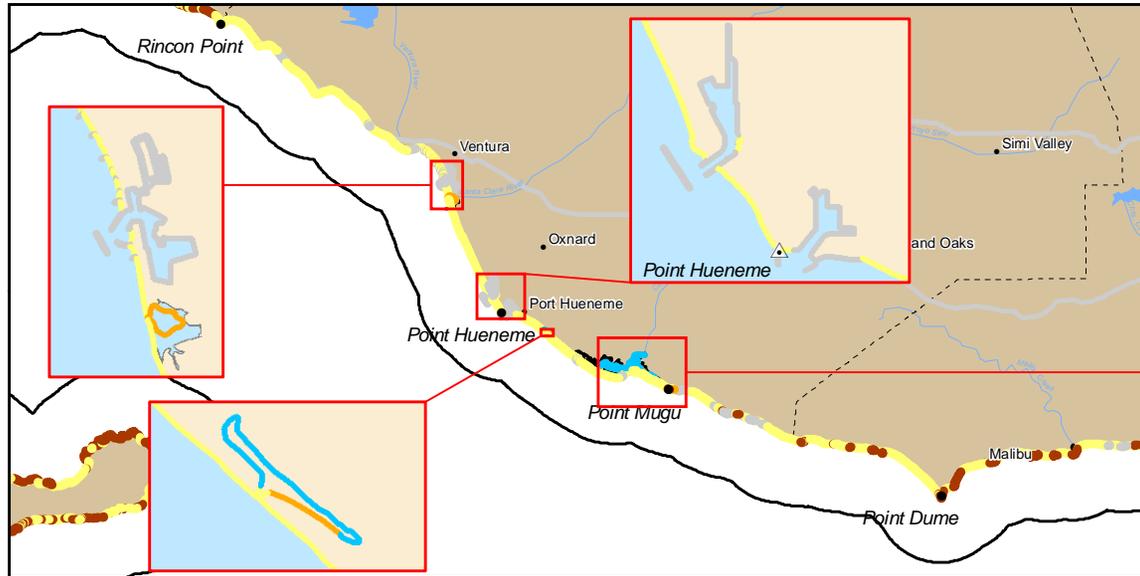
Surfgrass - Minerals Management Service
Oil seeps - USGS
Kelp Canopy - California Department of Fish and Game, (1989, 2002 - 2006)
Eelgrass - California Department of Fish and Game,
Estuary - National Wetlands Inventory
Shoretypes & Coastal Marsh - NOAA Environmental Sensitivity Index (ESI)
Elk Kelp - Miller and Dorr (1994), Miller et al. (2000), and Engle (unpublished data).

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Map 3.1-1a



Shore Types

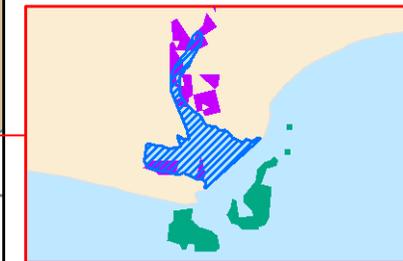
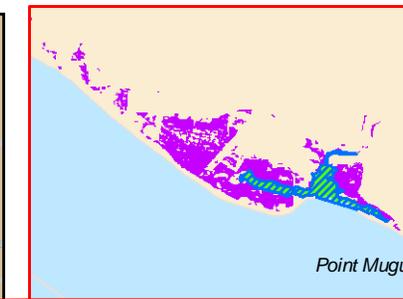
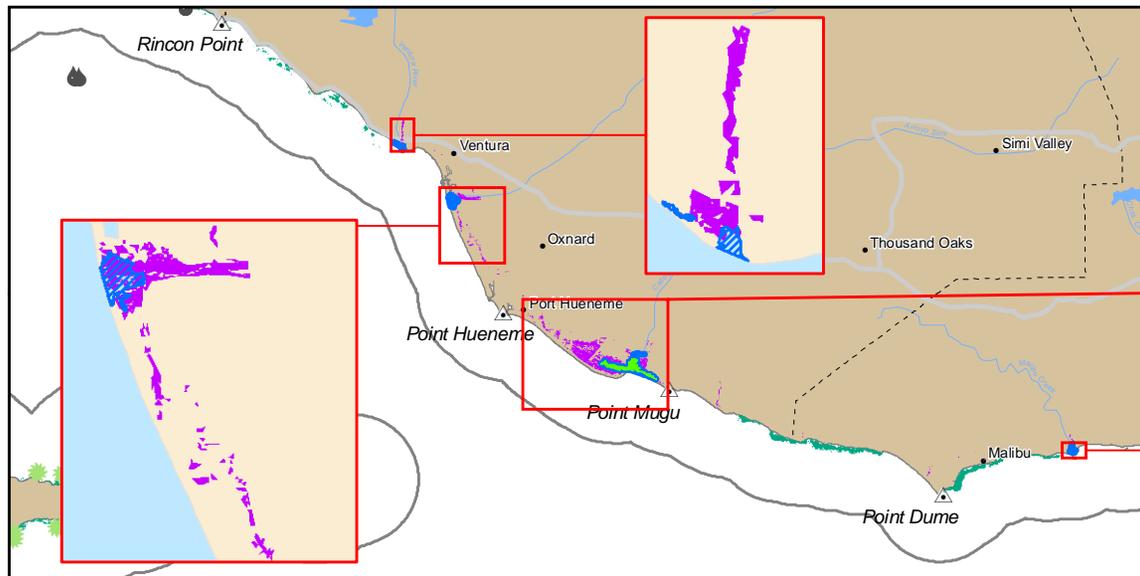


For more detailed maps please visit: www.marinemap.org/marinemap

ShoreTypes

- South Coast Study Region Boundary
- Tidal Flats
- Rocky Shores
- Coastal Marsh
- Hardened Shores
- Beaches

Intertidal and Nearshore Habitats



Intertidal and Nearshore Habitats

- South Coast Study Region Boundary
- Oil seeps
- Elk Kelp
- Surf Grass
- Eelgrass
- Maximum extent of Kelp
- Coastal Salt Marsh
- Estuaries

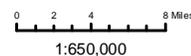
California Marine Life Protection Act (MLPA) Initiative

Note:
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Projection Information:

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



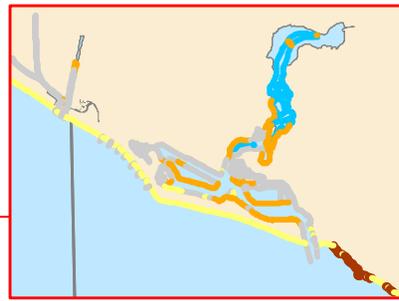
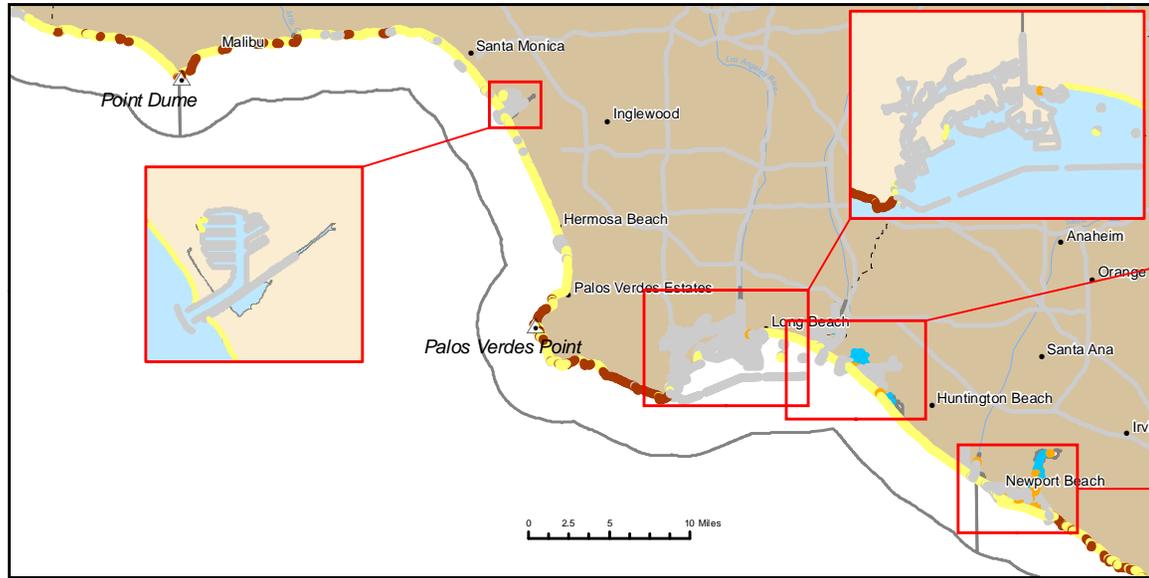
Data Sources:

Surfgrass - Minerals Management Service
 Oil seeps - USGS
 Kelp Canopy - California Department of Fish and Game, (1989, 2002 - 2006)
 Eelgrass - California Department of Fish and Game,
 Estuary - National Wetlands Inventory
 Shoretypes & Coastal Marsh - NOAA Environmental Sensitivity Index (ESI)
 Elk Kelp - Miller and Dorr (1994), Miller et al. (2000), and Engle (unpublished data).

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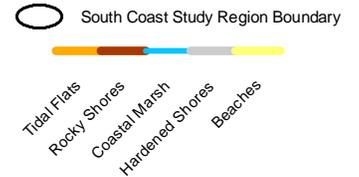


Shore Types

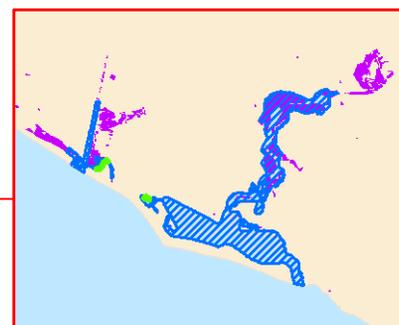
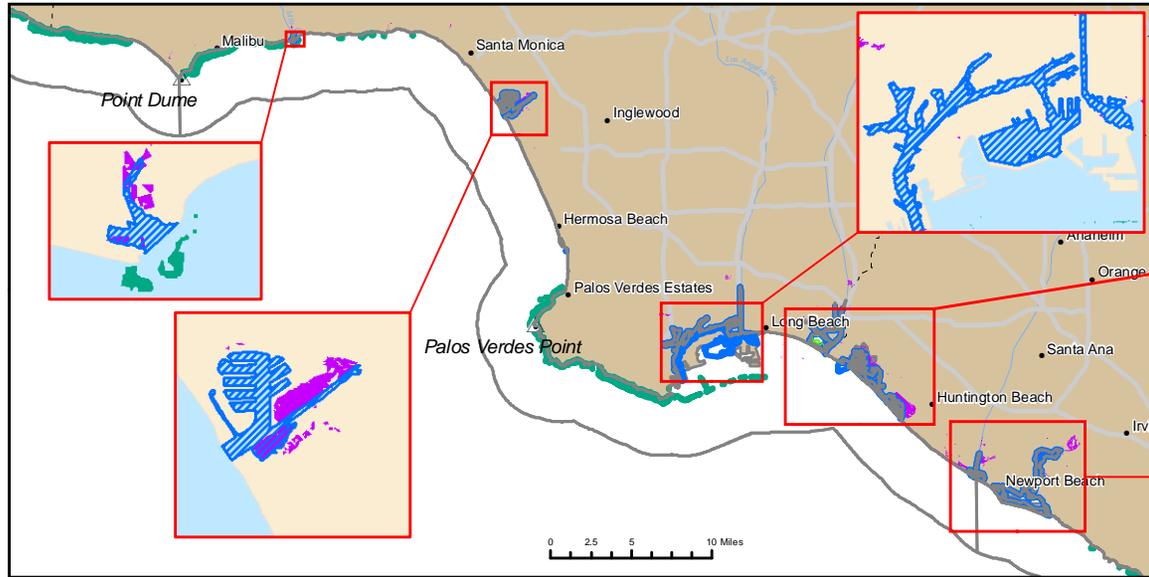


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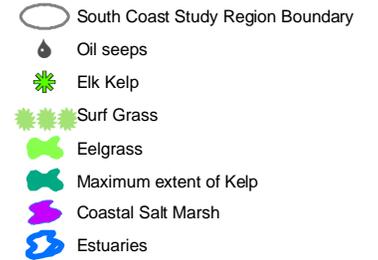
ShoreTypes



Intertidal and Nearshore Habitats



Intertidal and Nearshore Habitats



California Marine Life Protection Act (MLPA) Initiative

Note:
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Projection Information:

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



1:750,000

Data Sources:

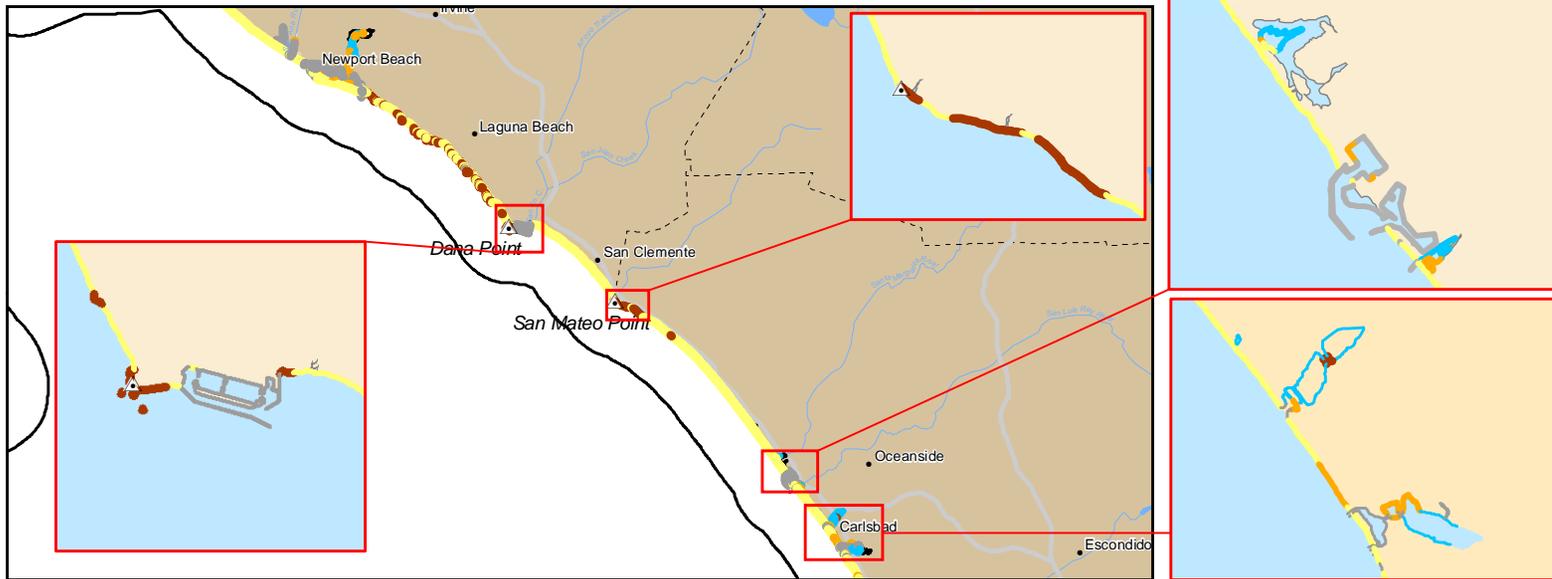
Surfgrass - Minerals Management Service
Oil seeps - USGS
Kelp Canopy - California Department of Fish and Game, (1989, 2002 - 2006)
Eelgrass - California Department of Fish and Game,
Estuary - National Wetlands Inventory
Shoretypes & Coastal Marsh - NOAA Environmental Sensitivity Index (ESI)
Elk Kelp - Miller and Orr (1994), Miller et al. (2000), and Engle (unpublished data)

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Map 3.1-1c



Shore Types

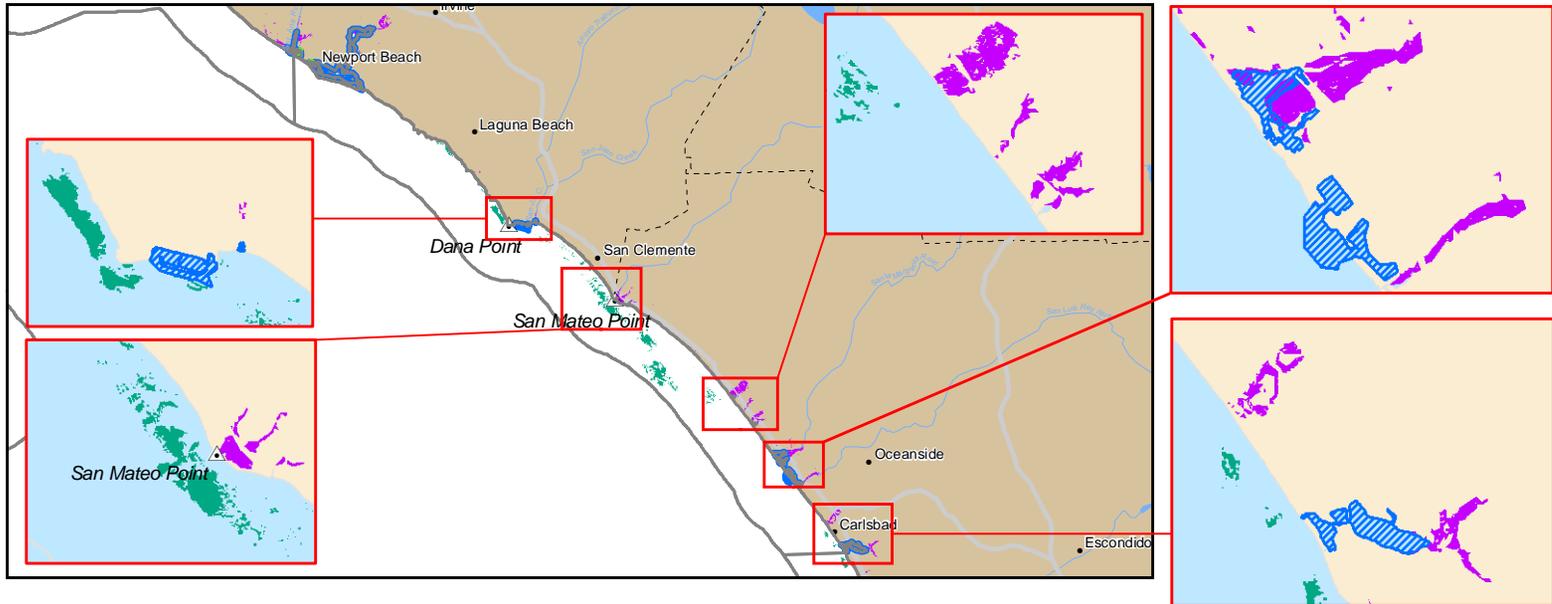


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ShoreTypes

- South Coast Study Region Boundary
- Tidal Flats
- Rocky Shores
- Coastal Marsh
- Hardened Shores
- Beaches

Intertidal and Nearshore Habitats



Intertidal and Nearshore Habitats

- South Coast Study Region Boundary
- Oil seeps
- Elk Kelp
- Surf Grass
- Eelgrass
- Maximum extent of Kelp
- Coastal Salt Marsh
- Estuaries

California Marine Life Protection Act (MLPA) Initiative

Note:

Kelp Data

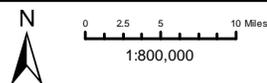
The distribution of kelp represented on this map is derived from data collected by aerial surveys conducted by CDFG starting in 1989, and collected every year from 2002-2006. Kelp distribution on this map represents the largest possible extent of kelp canopy based on these data, which represent the best readily available information.

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Projection Information:

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



Data Sources:

Surfgrass - Minerals Management Service
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 Elk Kelp - Miller and Dorr (1994), Miller et al. (2000), and Engle (unpublished data).

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Map 3.1-1d