

Bodega Head State Marine Reserve

North Central California Marine Protected Areas (MPAs), *Established May 2010*



Site Overview

Photos are representative of the North Central Coast Region and may not be within this MPA.

What is an MPA?

MPAs are a type of [marine managed area](#) (MMA) where marine or estuarine waters are set aside primarily to protect or conserve marine life and associated habitats. California has a coastal network of 124 protected areas designed to help increase the coherence and effectiveness of protecting the state's marine life, habitats, and ecosystems. The network includes three types of MPA: [state marine reserve](#) (SMR), [state marine conservation area](#) (SMCA), and [state marine park](#) (SMP); one MMA: [state marine recreational management area](#) (SMRMA); and [special closures](#). There are 119 MPAs, 5 MMAs and 15 special closures, each with unique boundaries and regulations in the network. Non-consumptive activities, restoration, and permitted scientific research are allowed.

What is an SMR?

An **SMR** is a type of MPA that protects resources by prohibiting the recreational and/or commercial take of all marine resources. (Area restrictions are defined in [Title 14, Section 632\(a\)\(1\)\(A\)](#)).

Bodega Head SMR Key Habitats

- **Beaches:** 1.32 miles
- **Rocky shores:** 2.74 miles
- **Surfgrass:** 1.85 square miles
- **Sand (all depths):** 5.62 square miles
- **Rock (all depths):** 3.02 square miles
- **Unidentified (all depths):** 0.68 square miles

Bodega Head SMR Overview

- **MPA size:** 9.34 square miles
- **Depth range:** 0 to 266 feet
- **Along-shore span (shoreline):** 2.5 miles

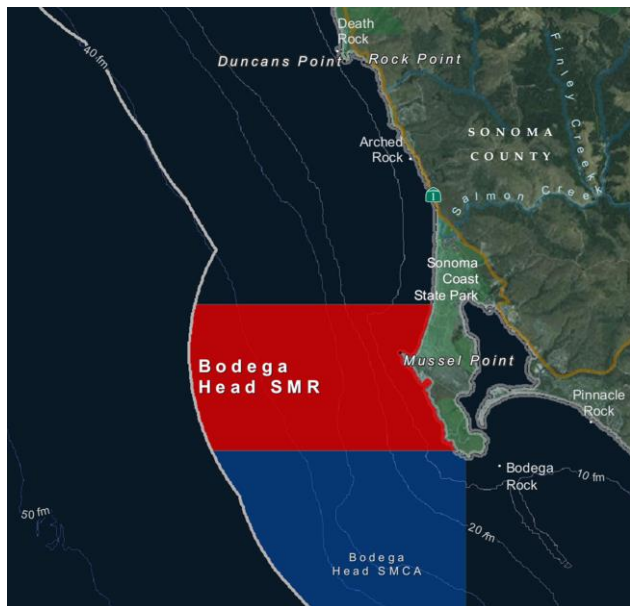
Boundaries and Regulations

Boundary: This area is bounded by the mean high tide line and straight lines connecting the following points in the order listed except where noted:

- 38° 20.100' N. lat. 123° 04.123' W. long.;
- 38° 20.100' N. lat. 123° 08.448' W. long.; thence southward along the three nautical mile offshore boundary to
- 38° 18.000' N. lat. 123° 08.140' W. long.; and
- 38° 18.000' N. lat. 123° 03.680' W. long.

Only the following is permitted: Take pursuant to Fish and Game Code Section 10661 is allowed and the director of the Bodega Marine Life Refuge may authorize certain activities in the formerly designated Bodega Marine Life Refuge (Section 10903, Fish and Game Code) pursuant to subsections (b) and (c) of Section 10502.7 and Section 10656 of the Fish and Game Code. Additionally, for Bodega Head SMR: No anchoring or mooring except as permitted by federal law, or in hazardous weather. CDFW and the Bodega Marine Life Refuge director may permit take for scientific or educational purposes, access, anchoring, and/or mooring.

Where is Bodega Head SMR?



Bodega Head State Marine Reserve

How and Why Bodega Head was Chosen for an SMR

MPAs were designed through a collaborative, regional public process by a cross-interest regional stakeholder group (RSG). Proposals included specific objectives (why the site should be an MPA *included below*), the classification (type of MPA), boundaries, and regulations. Final MPA proposals were sent to the California Fish and Game Commission (Commission) for their adoption process. The Commission adopted Bodega Head SMR in 2010.

North Central Coast RSG Specific Objectives for Bodega Head SMR:

Example of species most likely to benefit: nearshore, shelf & deeper nearshore rockfishes, lingcod, cabezon, kelp greenling, surf perches, kelp, Dungeness crab, murre, guillemots, cormorants, auklets, halibut, harbor seals, sea lions, sharks, mussels, rays, forage fishes, invertebrates & algae. Protect area of high benthic species diversity & maintain species diversity & abundance characteristic of north central coast region north of Point Reyes. Monitor appropriate indicator species with focus on Nearshore & Deeper Nearshore Fishery Management Plan species. Protect natural trophic structure & food webs, including pelagic finfish that serve as prey for other fish, marine birds & marine mammals. Provide protection to area that contains one of most persistent & important upwelling plumes along entire California Coast & provides for significant downstream larval dispersal. Help restore depleted species, such as near shore & deeper nearshore species. Protect larval sources & enhance reproductive capacity of shelf species including rockfishes. Protect area with diverse habitats & associated species including kelp forest ecosystems. Protect natural heritage location while minimizing socioeconomic impacts to local communities. Protect forage base for colonies of marine mammals & sea birds as well as protect colonies from disturbance. Provide comparison analysis environment by providing SMR adjacent to SMCA across range of depths & fully accessible area within single reef complex in close proximity to Bodega Bay Marine Lab Protect area, . Protect area that extends from intertidal out to state waters boundary across range of depths in very high level of protection. Protect one of rare hard bottom reef complexes in North Central Coast Study Region (NCCSR) that extend from shore seaward to state water boundary. Protect area of high abundance & natural diversity that, when combined with adjacent SMCA, is in preferred size range.

North Central Coast Regional Resources

California MPA Overview:

www.wildlife.ca.gov/MPAs/Network-Overview

North Central Coast Regional Goals and Objectives:

www.dfg.ca.gov/marine/pdfs/binders/b4da.pdf

California MLPA North Central Coast Study Region Description of MPAs:

www.dfg.ca.gov/marine/pdfs/ipa_description.pdf

Methods Used to Evaluate MPAs in the North Central Coast:

www.dfg.ca.gov/marine/pdfs/nccrsg-drops/evaluationmethods.pdf

MPA Research and Monitoring Activities:

www.wildlife.ca.gov/MPAs/Research-And-Monitoring

Regional MPA Statistics:

www.wildlife.ca.gov/MPAs/Statistics

Regional Planning History:

www.wildlife.ca.gov/Conservation/Marine/MPAs/Planning-Process

Species Likely to Benefit from North Central Coast MPAs:

www.dfg.ca.gov/marine/pdfs/binders/b2dc.pdf

California MPA Network Resources

Detailed MPA guidebooks maps and brochures:

www.wildlife.ca.gov/MPAs/Network

California Marine Life Protection Act Marine Protected Areas Master Plan:

www.wildlife.ca.gov/Conservation/Marine/MPAs/Master-Plan

Marine Life Protection Act Summary and Network Goals:

www.wildlife.ca.gov/MPAs/Network-Goals



For more information, visit:

www.wildlife.ca.gov/MPAs

Email:

AskMPA@wildlife.ca.gov

MPA Mobile:



Report poaching and polluting,
Call CalTIP

1-888-334-2258