

5-550 -A/B Site Summary- Santa Barbara Island

5-550 -A/B

County: **Santa Barbara Co.**

Thomas Guide Location:

Latitude N Longitude W
Decimal Degrees: **33.47681 -119.03512**

USGS Quad: **Santa Barbara Island**

NOAA Chart: **18756**

ACP Division:

Last Page Update : 2/15/2011

SITE DESCRIPTION:

Santa Barbara Island lies approximately 70 miles south of Mugu Lagoon. It is about one square mile in size and most of the shoreline consists of vertical rock cliffs and wave-cut platforms, with scattered coarse-grained sand to gravel beaches. This island is very important for marine mammals and seabird nesting. Dispersant use should be considered for oil on deep water. Site is within the following State Marine Protected Area(s): Santa Barbara Island State Marine Reserve.

SEASONAL and SPECIAL RESOURCE CONCERN

March - July for nesting seabirds. All year as haul out site for harbor seals and California sea lions and for high concentrations of seabirds.

RESOURCES OF PRIMARY CONCERN

Santa Barbara Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the International Biosphere Preserve Program.

California Brown Pelicans, Scripps's Murrelet, shorebirds, and seabirds.

Harbor seal, California sea lion, and Northern elephant seal haul-out and pupping areas.

Rich and diverse intertidal communities, including surf grass beds. Throughout Santa Barbara Island black abalone (Federal Endangered) may be present in rocky intertidal habitat.

CULTURAL, HISTORIC, and ARCHEOLOGICAL SENSITIVITIES

Cultural, Historical, and Archaeological sites are known to exist in the area, however, the exact locations of these sites must be ascertained by contacting the Channel Islands National Park Archaeologist (see contact list). Information may also be obtained from the Native American Heritage Commission at (916) 653-4082, the State Office of Historical Preservation at (916) 445-7000, the Central Coast Archaeological Information Center at (805) 893-2474, and/or the South Central Coastal Archaeological Information Center at (657) 278-5395.

KEY CONTACTS: Trustee (T); Entry/Owner/Access (E); Cultural (C); or Other Assistance (O)

Type	Name / Title	Organization	Phone
C	Kelly Minas Archaeologist		(805) 658-5754
T	OSPR Environmental Scientist	Calif. Dept. of Fish and Wildlife OSPR	(562) 342-7215
T	OSPR Environmental Scientist	Calif. Dept. of Fish and Wildlife OSPR	(562) 598-2849
T	OSPR Environmental Scientist	Calif. Dept. of Fish and Wildlife OSPR	(562) 598-6203
T	OSPR Technical Specialist	Calif. Dept. of Fish and Wildlife OSPR	(562) 598-4052
T	CINMS Office (8am - 5pm)	Channel Islands Nat. Mar. Sancturay Santa Barbara	(805) 966-7107
T	CINMS 24hr Emergency	Channel Islands National Marine Sanctuary	(805) 729-1271
T	Sean Hastings CINMS Emergency Officer	Channel Islands National Marine Sanctuary	(805) 729-5598
T	Mike Murray Deputy Superintendent	Channel Islands National Marine Sanctuary	(805) 448-9971
T	Chris Mobley Sanctuary Superintendent	Channel Islands National Marine Sanctuary	(805) 893-6416
T	Dave Ashe Chief Ranger	Channel Islands National Park	(805) 658-5717
T	Kate Faulkner Chief, Natural Resources	Channel Islands National Park	(805) 658-5709
T	CINP Dispatch	Channel Islands National Park	(559) 565-3195
T	David Kushner Marine Biologist	Channel Islands National Park	(805) 658-5773
T	Russel E. Galipeau Superintendent	Channel Islands National Park	(805) 658-5702
T	Mike Morales Supervisory Ranger	Channel Islands National Park	(805) 658-5740
T		Channel Islands National Park (after hours)	(805) 218-0251
T	Elizabeth Petras	NOAA Fisheries Service	(562) 980-3238
T		NOAA Protected Resources	(562) 980-4020
T		U.S. Fish and Wildlife Service (Ventura Office)	(805) 644-1766

ADDITIONAL SITE SUMMARY COMMENTS:

See Channel Islands Response Overview following the site diagram.

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CONCERNS and ADVICE to RESPONDERS:

Last Page Update : 2/17/2011

To protect sensitive species and habitat. There are several points on the island which may have one or more protected species. Trustee agencies may not sanction onshore response activities. Refer to and comply with the Channel Islands Response Overview following this sensitive site diagram.

HAZARDS and RESTRICTIONS:

Conditions around Santa Barbara Island are variable and the ocean can be unforgiving. Only experienced captains with vessels capable of withstanding severe weather are advised to make the passage to Santa Barbara Island. Major shipping lanes lie between the island and the mainland.

SITE STRATEGIES

Strategy 5-550.1 Objective: Open water recovery to prevent oil from reaching shoreline.

This site is difficult to protect. Mechanical shoreline protection techniques are not likely to be effective because of high wave energy and rocky conditions at the site.

- Recommended response strategy is on-water containment and recovery (e.g towed boom arrays).
- Pursue feasibility of alternative response technologies (e.g. dispersants and in-situ burning) to reduce the volume of oil reaching the site. Before initiating any response activities within the Channel Islands National Marine Sanctuary or Channel Islands National Park, refer to and comply with the Channel Islands Response Overview following this sensitive site diagram.

Table of Response Resources

strategy number	harbor boom	swamp boom	Other boom type	sorb boom	Anchoring no type and gear	Boom boat	Skiffs punts	Skimmers No Type	Special Equipment or comment No and kinds	staff deploy	Staff tend
5-550.1									On-Water Recovery/ART		

LOGISTICS

DIRECTIONS: to site (by land and/or by water, to nearest launch ramp and are access permits required.)

Access by boat only. All access to the Channel Islands must be coordinated with the National Parks and must follow biosecurity protocols. For more information refer to the Channel Island Response Overview following this sensitive site diagram.

LAND ACCESS: No road or vehicle access.

WATER LOGISTICS: Shallow reefs and thick kelp.

Limitations: depth, obstruction

Launching, Loading, Docking No services available.
and Services Available:

FACILITIES, STAGING AREAS, POSSIBLE FIELD POSTS AND EQUIPMENT AVAILABLE:

COMMUNICATIONS PROBLEMS: Cell phone reception unreliable. Marine VHF or satellite phone recommended.

ADDITIONAL OPERATIONAL COMMENTS:

Contact the Channel Islands National Park. Santa Barbara Island is designated as part of a National Park, a National Marine Sanctuary, an "Area of Special Biological Significance" (ASBS) and is included in the International Biosphere Preserve Program. Trustee agencies may not sanction beach cleanup activities that interfere with marine mammals and/or bird populations. Every method to keep oil from coming ashore should be considered. The National Park Service reserves the right to deny access to anyone at any given time as circumstances dictate. See Channel Islands Response Overview following the site diagram.

