

Do you know how to find out the local beach water quality reports?
Monterey County Health Department Beach Report
Know before you go...Diving
[BEACH WATER QUALITY REPORT](#)

SIGN UP FOR OUR NEWSLETTERS

SCUBA SHOW 2020
Mark you Calendars and Make your reservations

Over 76,000 square feet of exhibit space, 300+ exhibitors, seminars, clinics hosted by industry experts, a 15,000 gallon heated pool, and much more!

WHERE Long Beach Convention Center, Long Beach, California
WHEN Saturday and Sunday, May 30th and 31st, 2020



**NOAA in the Great Lakes Supports Inter-agency
Search for WWII Aircraft**

Did you know that there are about 120 World War II era aircraft lying at the bottom of Lake Michigan? The Navy used these aircraft to train and certify pilots to take off and land from aircraft carriers during World War II.

U.S. Naval operations along Lake Michigan, one of the Great Lakes, began in 1923. Between 1923 and 1942, operations expanded as the Navy built hangars, airfields, and landing strips across the village of Glenview, Illinois. By 1942, the Navy had a robust presence on the shores of Lake Michigan.

With the U.S. entrance into World War II, the Navy needed a location to train carrier pilots. The growing threat of enemy vessels and mines along the Pacific and Atlantic coastlines and an already strong Naval presence in the area made Lake Michigan the safest location for carrier training. All existing carriers were needed on the front, so the Navy bought two sidewheel paddle steamers, the SS *Seaandbee* and SS *Greater Buffalo*, which they stripped and fitted with flight decks.

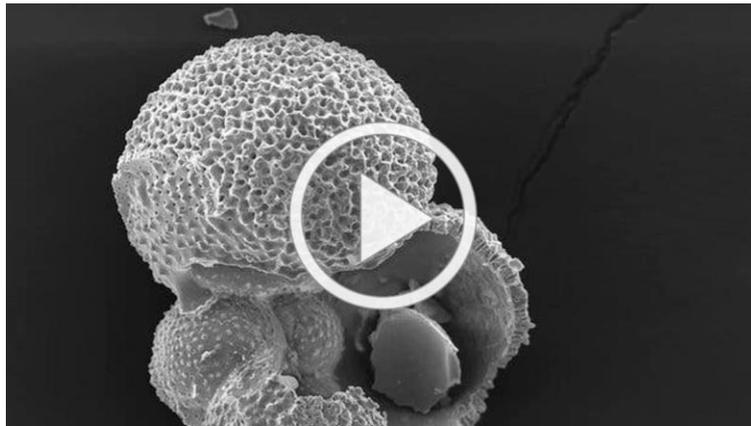


Commissioned as the USS *Wolverine* and USS *Sable* these ships helped to train and qualify 17,820 pilots, including former President George H.W. Bush. [For more information:](#)

Tiny shells reveal waters off California acidifying twice as fast as the Global Ocean

In first-of-its-kind research, NOAA scientists and academic partners used 100 years of microscopic shells to show that the coastal waters off California are acidifying twice as fast as the global ocean average — with the seafood supply in the crosshairs.

California coastal waters contain some of our nation's more economically valuable fisheries, including salmon, crabs and shellfish. Yet, these fisheries are also some of the most vulnerable to the potential harmful effects of ocean acidification on marine life. That increase in acidity is caused by the ocean absorbing excess carbon dioxide from the atmosphere. [MORE INFORMATION](#)



Homecoming: Journey to Limuw

A new 14-minute short film entitled Homecoming: Journey to Limuw, created and produced by NOAA's Office of National Marine Sanctuaries (ONMS), was released on November 22, 2019 during Native American Heritage Month. The film documents a long distance canoe voyage to Channel Islands National Marine Sanctuary (CINMS) undertaken in September of 2018 by paddlers from the local indigenous Chumash community.

Paddlers interviewed for the film describe the cultural significance of paddling the tomol (a traditional Chumash canoe) 20 miles across the Santa Barbara Channel to the island of Limuw (Santa Cruz Island), where they are greeted by hundreds of family and friends that gather each September to receive the tomol and spend time together in their sacred island homeland.

The production team from ONMS, working with staff from CINMS, secured the blessing of tomol crossing leadership before filming the event, and invited reviews and incorporated editorial suggestions from the Chumash paddlers featured in the film. CINMS staff have been supporting the annual tomol crossing event since its inception in 2001, proudly serving as a safety escort vessel and providing photography services for memory keeping purposes. The newly released video is available online as an ONMS Stories [MORE INFORMATION](#)



National Marine Sanctuaries Partner Highlights Underwater Park System

The National Marine Manufacturers Association (NMMA) in collaboration with the Office of National Marine Sanctuaries released its first short documentary in a series exploring the National Marine Sanctuary System. In 2020, NMMA will release several videos highlighting our national marine sanctuaries as recreation destinations, while instilling the need for environmental protection.

The NMMA film team has already travelled to Stellwagen Bank, Thunder Bay, and Florida Keys national marine sanctuaries to capture footage and interview sanctuary staff and community members. The joint documentary initiative was made possible through the Memorandum of Agreement (MOA) signed by NOAA and the recreational boating and fishing community in February 2018. The MOA allows for developing a framework of cooperation for mutually beneficial projects and activities to promote sustainable recreational fishing and boating conducted within federal marine waters, including national marine sanctuaries. This first segment features Stellwagen Bank National Marine Sanctuary:

NMMA FEATURES STELLWAGEN BANK

The Deep Ocean



Our volunteer staff includes medical doctors (MDs), registered nurses (RNs), respiratory therapists (RRTs), dive medical technicians (DMTs), emergency medical technicians (EMTs), and other trained personnel – and are on call 24/7 for emergencies.

Pacific Grove Re-compression Chamber

The Pacific Grove Hyperbaric Chamber came into existence under the Pacific Grove Ocean Rescue, which was created and established for the purpose of promoting water safety and performing marine water rescues within the City of Pacific Grove and neighboring cities. The team additionally provided emergency medical treatment to victims suffering from SCUBA diving related injuries and carbon monoxide poisoning in the hyperbaric facility located at the Pacific Grove Fire Department.

[DONATE NOW](#)



Monterey Bay National Marine Sanctuary

Sanctuary Office Report

Volume 16, Number 6



A REPORT FOR THE SANCTUARY ADVISORY COUNCIL MEMBERS

REPORTING PERIOD: SEPTEMBER 21, 2019 – NOVEMBER 15, 2019

2020 Sanctuary Advisory Meeting Schedule and Locations

February 21 – Santa Cruz
April 17th – Watsonville
June 19th – Salinas
August 21st – Marina
October 16th – Cambria
December 11th - Monterey

[Dates and Agendas Link](#)



[Monterey Bay National Marine
Sanctuary](#)

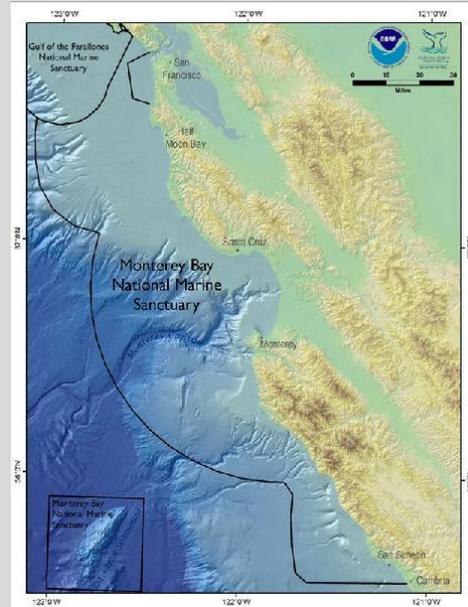
[Advisory Council Web Page](#)

[Marine Mammal Center - Moss
Landing](#)

[Council Meeting Agendas](#)

[Council Meeting Minutes](#)

[Advisory Council Members](#)



Monterey Bay National Marine Sanctuary

Monterey Bay National Marine Sanctuary (MBNMS) is a federally protected marine area offshore of California's central coast. Stretching from Marin to Cambria, MBNMS encompasses a shoreline length of 276 miles and 6,094 square miles of ocean.

It is home to one of the world's most diverse marine ecosystems, including numerous mammals, seabirds, fishes, invertebrates and plants in a remarkably productive coastal environment.

MBNMS was designated in 1992 for the purpose of resource protection, research, education, and public use of this national treasure. MBNMS is part of a system of 14 National Marine Sanctuaries and two marine national monuments, administered by the National Oceanic and Atmospheric Administration

[Official Website](#)

Monterey Bay NMS Advisory Council | 99 Pacific Street, Suite 455a, Monterey, CA 93940