

# OCA News Splash!

December, 2015

## *Calling All OCA Members*

### **OCA Members! Join Us for a FREE Climate Communication Lunchtime Discussion**

12/10, 12pm, Bay Conference Center, Tiburon, CA, join Sarah Ferner and Heidi Nutters from the [San Francisco Bay National Estuarine Research Reserve](#) for a conversation about how to tell the story of climate change and your research to the public. Pizza Lunch provided. Registration is required. For more info go to: [Lunchtime Discussion](#).

### **Engage in meaningful science with the Urban Tides Initiative**

You can help document the impacts of rising sea levels in your community! [Urban Tides](#) is a yearlong community based science effort to document current tidal lines and coastal flooding in Southern California. Using a new mobile phone app, users can upload images of high tides and flooding directly into the Urban Tides database. These images provide critical information to help ground truth and calibrate scientific models used to project flooding along our coast. USC Sea Grant is building partnerships with non-formal education centers, schools, nonprofit organizations, and local municipalities in this effort. [How to participate](#) Holly Rindge, [rindge@usc.edu](mailto:rindge@usc.edu)

### **El Niño: The science, What to expect & How to prepare**

View our recent [El Niño webinar](#) and learn from experts at the U.S. Geological Survey, CA Coastal Commission, and CA Ocean Protection Council about what to expect for Southern California and the state's coordination of resources to help prepare. You may also visit USC Sea Grant's [El Niño Resources](#) webpage for quick links to educational, local, state and federal resources. Holly Rindge, [rindge@usc.edu](mailto:rindge@usc.edu)

### **Accepting Citizen Scientist Applications for FLOW**

FLOW (Follow and Learn about the Ocean & Wetlands) is [Amigos de Bolsa Chica's](#) Citizen Science Program. Participate in the collection of scientific data, learn more

about coastal ecology, and get involved in environmental quality monitoring efforts. Meetings are on Fridays (times depend upon the tide) at the Bolsa Chica State Beach Visitor Center. We are also accepting Citizen Scientist applications for anyone interested –training is FREE; contact [flow@amigosdebolsachica.org](mailto:flow@amigosdebolsachica.org),

## **Oceanside Boaters Get State-of-the-Art Bilge Pumpout- OCA Invited Dec 11**

The Bay Foundation (TBF) Boater Education Program announces the unveiling of a state-of-the-art bilge pumpout and oil-water separator in Oceanside, CA, Harbor using the latest in science and technology. This facility will directly improve ocean water quality by making safe and proper disposal of oily bilge water easy and efficient for boaters who previously had no lawful option for the proper disposal of oily bilge water, other than pumping it into containers and bringing it to the harbor office. The timing is especially good with the coming El Niño (more rain equals more pumpouts!). This is only the third facility in southern California, with TBF's goal to have them in every major harbor in SoCal. Conceived and led by TBF, the project is a collaboration among the city of Oceanside, non-profits, and commercial businesses. Join TBF, the City and partners at the ribbon-cutting on Dec. 11th at 1:00 p.m. at the Coast Guard Building, north of the launch ramp located at 1350 N. Pacific Street, Oceanside, CA 92594. Julie Dubrow [jdubrow@santamonicabay.org](mailto:jdubrow@santamonicabay.org)

## **Get Outside in December with The Bay Foundation!**

Every month, The Bay Foundation hosts several volunteer events -- whether at Malibu Lagoon, Culver City Rain Gardens, Stone Canyon Creek (at UCLA), at LAX Dunes, or some other treat! Check dates, check how to get involved at <http://www.santamonicabay.org/events/> ! And now that it's cooling off, it's a great time! Julie Dubrow [jdubrow@santamonicabay.org](mailto:jdubrow@santamonicabay.org)

## **13th Annual San Francisco International Ocean Film Festival - Deadline Updates and More!**

The final chance to submit a film to the upcoming 13th Annual SFIOFF has been extended to midnight Tuesday, December 15, 2015. Submit your film today and tell your story about the ocean. Be a part of the most exciting Bay Area ocean destination event of the year, as more than 45 films from around the world are screened. Details can be found at [www.oceanfilmfest.org](http://www.oceanfilmfest.org). For more information please contact Dawn Glenn, Programming Coordinator at [dawn@oceanfilmfest.org](mailto:dawn@oceanfilmfest.org).

## **San Francisco International Ocean Film Festival 5th Annual Student Film Competition**

The deadline for submission is still more than a month away - January 11, 2016 - which means there's still time for a young filmmaker to submit his/her film. Films must be less than 5 minutes and be made by middle school and high school students. Encourage the next generation of ocean conservationists to tell their story, while learning more about filmmaking. Entries compete for cash prizes and more! For information please visit [www.oceanfilmfest.org](http://www.oceanfilmfest.org) or send an email to Rebecca Sevel, SFC Coordinator at [rebecca@oceanfilmfest.org](mailto:rebecca@oceanfilmfest.org).

## **San Francisco International Ocean Film Festival Community Partners Wanted**

Interested in a tabling opportunity for the upcoming SFIOFF? Inquiries are currently being accepted from ocean-oriented organizations interested in sharing their mission with film audiences of all ages. Time slots are available throughout the weekend. For more information, please contact Nora Hall, Community Partner Liaison at [nora@oceanfilmfest.org](mailto:nora@oceanfilmfest.org)

## **Ocean Science Trust Seeks Executive Director**

The Ocean Science Trust (OST) seeks an [Executive Director](#) who will provide leadership to advance the initiatives of the organization and preserve a reputation of excellence in science-based policy and resource management. Enabled under the California Ocean Resources Stewardship Act of 2000, the mission of the OST is to support the state of California by providing sound, actionable science to inform coastal management and policy decisions. The OST fulfills its mission by engaging with the broader ocean community, including stakeholders, scientists, tribes, and the public to identify processes that deliver both sound and appropriate scientific analysis informing topics that require sustainable solutions in the ocean and coastal zone. Key topic areas include: Ocean health, climate change, ocean acidification and hypoxia, sustainable fisheries, and monitoring of the Marine Protected Areas. For more information, please visit [www.oceansciencetrust.org](http://www.oceansciencetrust.org)

### ***News for You***

## **Greg Murphy Named Executive Director of The Maritime Alliance**

The Board of Directors selected Greg Murphy as Executive Director to help lead [The MaritimeAlliance](#) (TMA) in further promoting San Diego's Blue Economy and organizing the largest BlueTech cluster in the United States. Murphy was chosen for his contributions as a Board Member of TMA Foundation and his proven record as Policy Advisor for San Diego County Supervisor Greg Cox, who also serves on the California Coastal Commission, the San Diego County Regional Airport Authority, and most recently, was selected by the White House to serve on a National Ocean Council committee that advises the President on ocean policy.

## **Real Good Fish's Bay2Tray program wins J.M.K. Innovation Prize**

Bay2Tray program at Real Good Fish recently received a J.M.K. Innovation Prize from the J.M. Kaplan Fund. The program was also featured on the local news channel, KION: <http://m.kionrightnow.com/bay2tray-brings-fresh-local-seafood-to-the-school-cafeteria-in-monterey/36515912>. Real Good Fish is a community supported fishery in Monterey Bay, and Bay2Tray partnered with school districts to turn grenadier—a fish typically discarded as bycatch—into fish tacos for school lunches, while inviting fishermen to inspire children with tales from the sea. For more information, see: <http://www.jmkfund.org/awardee/the-j-m-k-innovation-prize-awardee-4/>. Maria Finn [mariafinn@me.com](mailto:mariafinn@me.com)

## **Northern Fur Seals Rescued at Pacific Marine Mammal Center**

[Pacific Marine Mammal Center](#) has rescued 4 Northern Fur Seals in the past 3 weeks. Historically, we rescue approximately one fur seal *every other* year! 2015 has proven to be our busiest rescue season on record. The Pacific Marine Mammal Center rescues, rehabilitates and releases marine mammals and inspires ocean stewardship through research, education and collaboration. - See more at: <http://www.pacificmmc.org>.

## **Chumash Heritage Nomination Accepted to Office of National Marine Sanctuaries Inventory**

NOAA has determined the Chumash Heritage (California, Central Coast) nomination submitted on July 17 has successfully met the national significance criteria and management considerations described in the [sanctuary nomination process](#). Chumash Heritage has been entered into the inventory for consideration by NOAA for national marine sanctuary designation. Addition to the inventory of successful nominations does not guarantee that Chumash Heritage will become a national marine sanctuary. National marine sanctuary designation is a separate public process that, by law, is

highly public and participatory and often takes several years to complete. Sarah Marquis [sarah.marquis@noaa.gov](mailto:sarah.marquis@noaa.gov)

## **Climate warning labels coming to Canadian gas pumps**

Drivers in North Vancouver will soon face a different kind of sticker shock when they fill up at the gas station. While warning labels have been on cigarette packages for many years, the City of North Vancouver is the first municipality in Canada that have committed to installing similar labels on gas pumps. Instead of warnings about the dangers to personal health, the pump pictures feature messaging about the role gasoline production plays in climate change. Together we can bring Climate warning labels to our fuel pumps. Take Action visit: <http://ourhorizon.org/#> Visit Ocean Blue Project at <http://www.OceanBlueProject.org> [richard@oceanblueproject.org](mailto:richard@oceanblueproject.org)

## **Update from Mission Blue**

We're excited to see our founder Dr. Sylvia Earle at the #COP21 conference in Paris advocating for #OceanForClimate. We also have forthcoming conservation films from our most recent Hope Spot expeditions to the Gulf of California and Balearic Sea. Stay tuned! Brett Garling [bgarling@mission-blue.org](mailto:bgarling@mission-blue.org)

## **Silent Oil Spills article featured in National Geographic Voices**

"Green Technologies Lead to Clear Waters", by Silent Oil Spills' Annie Reisewitz and Sarah Martin, is featured on National Geographic's web site: Voices. Read about the deadly effects of runoff and pollutants entering our waterways at [National Geographic](#). Share with your colleagues and on social media. Annie Reisewitz [annie@healthyocean.com](mailto:annie@healthyocean.com)

## **NOAA recognizes 22 Ocean Guardian schools in California**

NOAA's Office of National Marine Sanctuaries announced 22 schools in California have been recognized as [Ocean Guardian](#) schools for their commitment to the protection and conservation of the local watershed and special marine protected areas, including [national marine sanctuaries](#). Each school was awarded an Ocean Guardian School grant of up to \$4,000 to fund its proposed stewardship project. Santa Barbara region: Adelante Charter School, Goleta Family School, Parkview Elementary and Santa Paula High School. Monterey Bay region: All Saints Day School, Bay View School, Gault School, Lincoln Elementary, Los Arboles Middle School, Ord

Terrace Elementary, Santa Catalina School, St. Francis High School, Stevenson Lower School and Stevenson Upper School. San Francisco Bay region: Bullis Charter, Hillcrest School, Joaquin Miller Elementary School, Kenwood Elementary School, Liberty High School, Lincoln Middle School, MetWest High School and St. John High School. With a total funding of \$102,000, these schools have implemented a variety of projects on their school campuses and in their communities such as: campaigns to reduce single-use plastic and plastic pollution, recycling and composting programs, watershed restoration activities, reduction of energy-use, community outreach and public education concerning issues affecting the health of our marine environment. Seaberry Nachbar [seaberry.nachbar@noaa.gov](mailto:seaberry.nachbar@noaa.gov)

### **Mark Your Calendar**

#### **Dec 3: North Central Coast “State of the Region” Community Gathering in Half Moon Bay**

Ocean Science Trust invites members of the North Central Coast ocean community to join us December 3 for the release of the *State of the North Central Coast Region Assessment*. Learn more about the results of the [North Central Coast MPA Baseline Program](#), and engage in a thoughtful exchange about local partnerships and capacity as we look ahead to the next phase of monitoring in the region. *Half Moon Bay, Thursday, December 3, 5:30-7:30pm.* [OceanSpaces.org](http://OceanSpaces.org). Contact: Dina Liebowitz, [dina.liebowitz@oceansciencetrust.org](mailto:dina.liebowitz@oceansciencetrust.org) Laurel Kellner [laurel.kellner@oceansciencetrust.org](mailto:laurel.kellner@oceansciencetrust.org)

#### **Dec 4: AltaSea/Cabrillo Marine Aquarium Discovery Lecture Series: The Future of Food from the Sea**

7:00 pm - 9:00 pm. Speaker: Dr. Steve Gaines, Bren School of Environmental Science and Management, UC Santa Barbara. By the middle of this century, we project that global demand for animal protein will double from where it is today. Where will all this food come from? What will be the environmental impacts of such a large growth in demand? The sea has the potential to play a key role by making fisheries more productive and enhancing the development of sustainable aquaculture. The Sustainable Fisheries Group at UCSB is exploring ways to enhance seafood production while simultaneously benefiting ocean ecosystems. This talk will explore the benefits of getting more food from the sea and the paths we can take to get there. Dr. Gaines' research focuses on marine ecology and conservation, sustainable fisheries, the design of marine reserves and the impact of climate change on ocean ecosystems. Professor Gaines is the Dean of the Donald Bren School of Environmental Science and Management at UCSB. He has served as director of the UC Santa Barbara Marine Science Institute, and as UCSB Acting Dean of Science and Acting Vice Chancellor for

Research. Professor Gaines currently serves as science advisor for the Joint Ocean Commission. Fee: Free. [Information](#)

Juliette McAllister [juliette.mcallister@lacity.org](mailto:juliette.mcallister@lacity.org)

## **Dec 5: Native Garden Workday/Beach Cleanup with Cabrillo Marine Aquarium**

Saturday December 5, 8-10 am. On the first Saturday of each month, join [CMA](#) Educators in helping keep our Coastal Park eco-friendly and clean. Choose between helping to maintain our Native Garden and Salt Marsh areas (while learning about the importance of their plant and animal inhabitants) or cleaning marine debris off Cabrillo Beach. Meet at the steps in front of the John M. Olguin Auditorium. Fee: Free and open to all ages. Juliette McAllister [juliette.mcallister@lacity.org](mailto:juliette.mcallister@lacity.org)

## **Dec 5, Jan 2: Free Public Tour with Amigos de Bolsa Chica**

Join the [Amigos de Bolsa Chica](#) for a free tour of the wetlands on the first Saturday of every month. Led by docents, participants will learn about the birds, endangered species, history, ecology, and restoration of the wetlands. The tours start from 9-10:30am and depart every 15 minutes from the footbridge in the South Parking Lot of the Bolsa Chica Ecological Reserve (across the street from the Bolsa Chica State Beach entrance, between Warner Ave. and Seapoint Drive). Email [info@amigosdebolsachica.org](mailto:info@amigosdebolsachica.org) for more information or call [714 840-1575](tel:7148401575).

## **Dec 5, 12: Beach Cleanups with Shark Stewards**

[Shark Stewards](#) is conducting bi-monthly beach clean ups of San Francisco Bay beaches, assessing marine debris, focusing on cigarette butts. Approximately 3 billion cigarette butts hit the San Francisco streets and over one third of clean up items are cigarette butts. This project will build on education, bringing youth to the water's edge and focusing on a city wide butts reduction campaign called "Keep Your Butts Out of the Bay". More information at [Sharkstewards.org](http://Sharkstewards.org). David McGuire [sharkfilms@gmail.com](mailto:sharkfilms@gmail.com)

## **Dec 5, 6: Holiday Treats for the Animals at Aquarium of the Pacific**

9:00 a.m.-5:00 p.m. In celebration of the holiday season, Santa Diver will be delivering an ocean of gifts to the [Aquarium of the Pacific](#) for its animals, including penguins, sea



otters, seals, sea lions, lorikeets, and fish. Guests can see Santa Diver with sharks and watch the Aquarium's animals receive their special treats and enrichment gifts during the Holiday Treats for the Animals weekend. Cost: General Admission--\$28.95 adult (12+), \$25.95 senior (62+), \$14.95 child (3-11), and free for children under age three and Aquarium members. Info: 562-590-3100 or [www.aquariumofpacific.org](http://www.aquariumofpacific.org) Adrian Samora [ASamora@lbaop.org](mailto:ASamora@lbaop.org)

## **Dec 5 through Dec 24: Holidays at the Aquarium of the Pacific**

9:00 a.m.-6:00 p.m., celebrate the holiday season at the [Aquarium](http://www.aquariumofpacific.org) this December. Starting December 5 snow will fall daily in the Great Hall, the Aquarium will be decked with festive décor, and the Aquarium's costumed characters will appear in their holiday outfits. On weekends in December choirs will perform carols, and a snow play area will be set up on the front lawn. On December 5 and 6 the Aquarium will host its annual Holiday Treats for the Animals festival. On December 12 and 13 the Aquarium will be collecting toys for the annual Spark of Love Toy Drive. On December 5, 6, 19, and 20 kids can take photos with Santa. Cost: General Admission--\$28.95 adult (12+), \$25.95 senior (62+), \$14.95 child (3-11), and free for children under age three and Aquarium members. Info: 562-590-3100 or [www.aquariumofpacific.org](http://www.aquariumofpacific.org) Adrian Samora [ASamora@lbaop.org](mailto:ASamora@lbaop.org)

## **Dec 8: Guest Speaker Series: Marty Quinn, Wendy Quinn, Eddie Freeman, and Marta Victoria at Aquarium of the Pacific**

Topic: Symphony of Jellies, 7:00 p.m.-9:00 p.m. The [Aquarium of the Pacific](http://www.aquariumofpacific.org) has commissioned a project that brings art and science together to translate the movement of sea jellies, or jellyfish, into a symphony. In this evening lecture, the composers and scientists behind this project will share their methods and music from the Symphony of the Jellies. Doors open at 6:30 p.m., allowing attendees to visit the Jellies exhibits and view sonification stations. Food and beverages will be available for purchase. Cost: \$5 for the public, and free for members, teachers, seniors (62+), and students with valid ID and advance reservations. Location: Aquarium of the Pacific, 100 Aquarium Way, Long Beach, CA 90802 Info: 562-590-3100 or [aquariumofpacific.org](http://www.aquariumofpacific.org) Adrian Samora [ASamora@lbaop.org](mailto:ASamora@lbaop.org)

## **Dec 16-28: Snow at Aquarium of the Bay!**

River otters love to frolic in all kinds of environments, and snow is no exception. As a fun treat for [Aquarium of the Bay](http://www.aquariumofpacific.org)'s three resident North American river otters, snow will be added throughout their habitat to create a special winter play land. From Dec. 16-28, Shasta, Baxter, and Ryer will be able to explore, play, dig, and eat in this exciting



addition of winter white. For more information, visit [www.aquariumofthebay.org](http://www.aquariumofthebay.org). Mallory Johnson [mallory@bay.org](mailto:mallory@bay.org)

### **Dec 19: Salt Marsh Open House with Cabrillo Marine Aquarium**

Noon- 2 pm, visit Cabrillo Beach's own wetland habitat, Salinas de San Pedro, and discover the plants and animals that call it home! Using binoculars, magnifying glasses and other tools, [CMA](#) Educators and volunteers will help you observe and explore this habitat. Or simply sit back, watch the tide change and listen to the birds and other wildlife. Fee: Free and open to all ages Juliette McAllister [juliette.mcallister@lacity.org](mailto:juliette.mcallister@lacity.org)

### **Dec 19: Ocean in Art: Gyotaku (Japanese Fish Printing) with Cabrillo Marine Aquarium**

Saturday, December 19, 9:30am - 12noon, create one-of-a-kind gifts as you practice the art of Gyotaku fish printing. Fee includes paint and paper – please bring fabric, clothes, cards and other materials to print on during this fun and creative studio workshop. No walk-ins please, pre-registration required; call 310-548-7562. Deadline to [register](#) is Friday, December 5. Fee: \$18 (\$16 Friends members) Juliette McAllister

[juliette.mcallister@lacity.org](mailto:juliette.mcallister@lacity.org)

### **Dec 20: Walk Cabrillo with Cabrillo Marine Aquarium**

Sunday, 10am - 12 noon, pack a snack and join a walk guided by [CMA](#) Educators who will be interpreting the various habitats that you will be exploring. Starting at the Aquarium courtyard, you'll visit the native garden, salt marsh, beaches and tidepools. Along the walk you will examine fossils, native plants, beach wrack and other interesting finds. Juliette McAllister [juliette.mcallister@lacity.org](mailto:juliette.mcallister@lacity.org)

### **Dec 21: Desserts with Santa at Aquarium of the Pacific**

Join us at the [Aquarium of the Pacific](#) in the evening to celebrate the holidays. Enjoy a visit with Santa along with desserts, hot chocolate and coffee. This is the perfect opportunity to take photos with Santa. Cost: General Admission--\$28.95 adult (21+), \$18.95 child (3-11), Members \$18.95 adult, \$8.95 child. Location: Aquarium of the Pacific, 100 Aquarium Way, Long Beach, CA 90802. Info/Tickets: 562-590-3100 or [www.aquariumofpacific.org](http://www.aquariumofpacific.org) Adrian Samora [ASamora@lbaop.org](mailto:ASamora@lbaop.org)

## **Dec 22, 23, 24: California King Tides**

Starting around 8/9 am but varying across the state, expect some of the highest tides of winter. Via smartphones and social media, we invite you to document “king tides” – the highest high tides of today, which will be the average water levels of the future.

Everyone is welcome to participate! Our shores are constantly being altered by human and natural processes, and projections indicate that sea level rise will exacerbate these changes. King Tides images offer a living record of the changes to our coasts and shorelines and a glimpse of what our daily tides may look like in the future as a result of sea level rise. Other dates are January 21, 22. Learn more at [www.California.kingtides.net](http://www.California.kingtides.net).

## **Dec 23, 27: SPECIAL WINTER WALKS with Cabrillo Marine Aquarium**

Wednesday, December 23, 12:30 - 2pm: Family Time Tidepool Walk. Sunday, December 27, 3 - 4:30pm, Winter Sunset Tidepool Walk. Join [CMA](#) Educators and volunteers as we share the winter wonders of our natural habitats! Taking advantage of our annual great winter low tides, we are offering a Family Time Tidepool Walk on Tuesday, December 23, and a Winter Sunset Tidepool Walk on Sunday, December 27. Winter at the Cabrillo Beach is FUN!

## **Dec 26: Free Bird Talk & Nature Walk with Amigos de Bolsa Chica**

Join the [Amigos de Bolsa Chica](#) for a free Bird Talk & Nature Walk on the last Saturday of every month! Considered one of the prime birding sites of Southern California, the Bolsa Chica Wetlands is home to over 200 species of birds. The walk takes place from 9-11am and departs from the South Parking Lot of the [Bolsa Chica Ecological Reserve](#) (across the street from the Bolsa Chica State Beach entrance, between Warner Ave. and Seapoint Drive). Visitors are encouraged to wear comfortable shoes and bring binoculars. Email [info@amigosdebolsachica.org](mailto:info@amigosdebolsachica.org) to reserve a spot.

## **Dec 26: Native Plant Gardening with Amigos De Bolsa Chica**

On the 4th Saturday of each month, come join the [Amigos De Bolsa Chica](#) for cleaning, gardening and planting at the [Bolsa Chica State Beach Visitor Center](#). Volunteer hours are from 9am -12noon. Located just north of the entrance to BC State Beach, across from BC Ecological Reserve South parking lot, between Warner Ave. and Seapoint Drive. Wear closed toed shoes. Tools and instructions are provided. Come help make a difference in your local community and wetlands! Email [info@amigosdebolsachica.org](mailto:info@amigosdebolsachica.org) to reserve a spot

## **Dec 26 through March 2016: Cabrillo Whalewatch with Cabrillo Marine Aquarium**

DAILY! Go to sea any day of the week through the end of March in search of migrating Pacific gray whales and a host of other marine life, such as dolphins, seals and sea lions. Whalewatch naturalists, trained by CMA and the Los Angeles Chapter of the American Cetacean Society, lead two-to-three-hour boat trips from various landings. Join the fun by calling Cabrillo Whalewatch at 310-548-7770, Tuesday through Friday, 8:30am to 1pm. Fee: Varies by landing; contact Cabrillo Whalewatch or visit: [www.cabrillomarineaquarium.org](http://www.cabrillomarineaquarium.org) Juliette McAllister [juliette.mcallister@lacity.org](mailto:juliette.mcallister@lacity.org)

### *Looking Ahead*

## **Jan 14: NOAA Marine Protected Areas Center Webinar on Cuba**

10 am PT, 1 pm EA: Mark your calendar for the upcoming webinar with multiple speakers discussing [NOAA's cooperation with Cuba on sister sanctuaries](#). With a newly signed Memorandum of Understanding among NOAA, the National Park Service, and Cuba's National Center for Protected Areas, we intend to share information ranging from scientific research to education and outreach materials – all of which will help us better manage some of the most ecologically-significant ocean places in both countries. For information, go to <http://marineprotectedareas.noaa.gov>. Joanne Flanders [joanne.flanders@noaa.gov](mailto:joanne.flanders@noaa.gov)