

Monday August 03, 2009
 OneNOAA Science Discussion Seminars [Aug 03, 2009]

Please join us for our upcoming [OneNOAA science discussion seminars](#). This is a [joint effort](#) to help share science and management information and to promote constructive dialogue between scientists, educators, and resource managers across [NOAA](#).

A PDF version of this OneNOAAA seminar announcement is available:
http://www.nodc.noaa.gov/General/NODC-About/Outreach/docs/09/OneNOAASeminars_03Aug2009.pdf

i-access to our seminar announcements:

1. Join our seminar weekly announcements e-mail list [nominally, sent on Mondays]. To join our email list contact [Hernan Garcia](#) or a [seminar partner](#).
2. Online web public access: <http://www.nodc.noaa.gov/General/NODC-About/Outreach/> (Maintained by [Hernan Garcia](#))
3. GoogleCalendar online public access: [GoogleCalendar](#)* (Maintained by [Felix A. Martinez](#))
4. Archive of previous OneNOAA science discussion seminars (by calendar year): [[2008](#)], [[2007](#)], [[2006](#)], [[2005](#)], [[2004](#)].
5. Note: All seminars subject to title, location, date, and time changes.

OneNOAA Sience Seminars This Week:

Title:	Land-related data and products from USGS and the Land Processes Distributed Active Archive Center (LP DAAC)
Date/Location:	Tuesday, 04 August 2009, 10:00-11:00h ETZ (World Weather Building , Room 707, Camp Springs, MD; NESDIS/ STAR seminar)
Speaker(s):	Kevin Gallo (NOAA / NESDIS / STAR at USGS Earth Resources Observation and Science (EROS))
E-mail(s):	Kevin.P.Gallo@noaa.gov
Abstract:	This seminar will include a review of the land-related data and products available from the USGS Center for Earth Resources Observation and Science (EROS) facility and the USGS/NASA Land Processes Distributed Active Archive Center (LP DAAC) that may be applicable for STAR research activities. Data sets and products reviewed will primarily include those available from the Landsat, MODIS and ASTER sensors. These sensors have spatial resolutions that range from 15m to 1000m and temporal resolutions from 1 to 16 days. An update on the activities of the CEOS Land Surface Imaging Constellation will also be discussed.
Remote Access & Notes:	Phone access: U.S. participants: 866-832-9297; International participants: 203-566-7610; Passcode: 6070416. For questions please contact Ivan Csiszar (ivan.csiszar@noaa.gov ; 301-763-8053 x114) or Xiwu Zhan (xiwu.zhan@noaa.gov , 301-763-8042 x148)
Download	TBD see http://www.star.nesdis.noaa.gov/star/seminars.php

Presentation(s):

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_04Aug2009_Gallo

About The Speaker(s):

See http://www.star.nesdis.noaa.gov/star/Gallo_K.php

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Wednesday, July 29, 2009 6:51 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title:

Marine Spatial Planning and Ecosystem Based Management --The Rhode Island Example

Date/Location:

Thursday, 06 August 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, [NOAA Central Library Silver Spring Seminar](#))

Speaker(s):

Grover Fugate (Executive Director of Coastal Resources Management Council, Oliver Stedman Government Center, Wakefield, Rhode Island)

Abstract:

The Rhode Island Ocean SAMP, or Ocean Special Area Management Plan, will define use zones for Rhode Island's offshore waters through a research and planning process that integrates the best available science with open public input and involvement. From 2008 to 2010, through a public policy process that includes scientific research and stakeholder involvement, the Ocean SAMP will make Rhode Island the first state in the nation to zone its offshore waters for diverse activities including renewable energy development. This process will also protect current uses and habitats through zones for commercial fishing; critical habitats for fish, marine animals, and birds; marine transport; and more. Leading this project is the R.I. Coastal Resources Management Council (CRMC), the state's coastal management agency. Among other responsibilities, CRMC is charged with managing the state's submerged lands. CRMC has already zoned Rhode Island's near-shore waters for a variety of uses, from industrial ports to conservation areas. CRMC is leading the SAMP effort with the support of the University of Rhode Island (URI). Federal agencies such as the Minerals Management Service and the U.S. Army Corps of Engineers, which have authority in federal waters, will participate, as will state agencies including the R.I. Department of Environmental Management. Research projects undertaken by URI scientists will provide the essential scientific basis for Ocean SAMP policy development. These projects assess wind speeds, appropriate technologies, marine life, geology, meteorology, and more. Information about each project is available on the Ocean SAMP web site.

Remote Access & Notes:

For further information please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov; 301-713-2600 Ext. 129) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov; 301-713-2600 Ext. 115).

Web link to this

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC->

***seminar
announcement***

[seminars09.html#OneNOAASeminar_06Aug2009_Fugate](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_06Aug2009_Fugate)

***Notes about the
speaker(s):***

Grover Fugate graduated from the University of Connecticut in 1976, with a degree in Natural Resource Management. After graduation Mr. Fugate worked in Canada in a series of positions including Forester, Land Use Planner, with the Department of Agriculture, Regional Resource Planner, with the Crown Lands Branch, and Director of Shore Zone Management. In 1984, Mr. Fugate completed his MBA from Memorial with a program specialization in resource policy analysis. In 1986, Mr. Fugate moved to Rhode Island to assume the duties of the Executive Director of the Coastal Resources Management Council. The council is an independent state agency, set up to be the principle planning and management agency for the state's coastal areas. Mr. Fugate's current duties include, the day to day administration of the Rhode Island Coastal Resource Management Program for the State of Rhode Island. As part of his duties Mr. Fugate is the council's and states representative to a number of boards, commissions, task forces, and other coastal related organizations. Mr. Fugate also holds an adjunct faculty position in the Marine Affairs Program at the University of Rhode Island and is a guest lecturer at Brown University and Roger Williams University Law School. He is also a trainer at the Coastal Resources Center for Integrated Coastal Management. He is the recipient of many citations from the Governor and the Legislature for his work in Coastal Management and Community Service. He is also the recipient of the 2008 Sea Grant Lifetime Achievement Award for Coastal Zone Management. Mr. Fugate has published articles on various issues in coastal and natural resource management.

***OneNOAA
Seminar Added:***

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Monday, July 27, 2009 8:12 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Upcoming OneNOAA Science Seminars:

Title: **Investigation of the Hurricane Katrina Case in New Orleans: National Weather Service Environmental Risk Communications Across Cultures**

Date/Location: Wednesday, 12 August 2009; 12:00-13:00 ETZ ([SSMC-3](#), 2nd Floor, [NOAA Central Library Silver Spring Seminar](#))

Speaker(s): Curtis D. Cary (Director of Communications and Executive Affairs for NOAA's NWS) and Vankita Brown (doctoral student in Mass Communications and Media Studies at Howard University in Washington, DC.)

Abstract: Today, the National Weather Service has some of the most thorough products and precise lead times for predicting weather events; yet, with all its definitive data some people, because of adverse risk behavior, still succumb unnecessarily to weather incidents. This paradox has caused NWS to consider employing methods, thought to be unconventional in an empirical scientific environment that will examine this challenge. NOAA and the National Weather Service representatives recognize the importance of social science research and integrate disciplines such as, anthropology, psychology, sociology, economics, and communications to meet their goals and mission. This

interdisciplinary approach will provide an opportunity to enhance and improve the ability of the NWS to protect life and property. As a part of this initiative, NWS has undertaken the task of investigating the impacts of culture on weather related risk communication on diverse and vulnerable populations. NWS Communications Director, Curtis Carey, Ph.D. and NOAA Graduate Scientist, Vankita Brown, are working together to discover ways in which culture influences risk perception and behavior during times of severe weather events and natural disasters. In June, Brown traveled to New Orleans for two weeks to talk with emergency management personnel, academic professionals, and residents for phase one of her ongoing research project on communicating risk across cultures. She will present her initial findings in this brown bag luncheon. Her study will serve as a framework or model to assist forecasters in developing more effective protocols and mechanisms for communicating risks to diverse and vulnerable publics.

Remote Access & Notes:

For further information please contact Mary Lou Cumberpatch (Mary.Lou.Cumberpatch@noaa.gov; 301-713-2600 Ext. 129) or Skip Theberge (Albert.E.Theberge.Jr@noaa.gov; 301-713-2600 Ext. 115).

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_12Aug2009_Cary

Notes about the speaker(s):

Curtis D. Carey, Ph.D., has a unique combination of international and domestic communications experience, serving in a variety of commercial broadcasting, government, military, and academic positions. He is currently the director of Communications and Executive Affairs for National Oceanic and Atmospheric Administration (NOAA) National Weather Service. He has served as a national press officer for NOAA and the Department of The Interior, managing media relations on issues ranging from domestic energy policy to environmental sciences. Dr. Carey has a B.A. (cum laude) in Asian Studies with a minor in Communication from the University of the State of New York; a Graduate Certificate in Integrated Marketing Communication from the University of Denver; a M.A. in Communication from the University of Oklahoma; and a Ph.D. in Communication and Culture from Howard University in Washington, D.C.

Vankita Brown is a doctoral student in Mass Communications and Media Studies at Howard University in Washington, DC. She was granted the prestigious NOAA Graduate Scientist Fellowship in 2007 and is assigned to the National Weather Service. Her current research involves understanding how culture affects decision making and behavior in the threat of natural disasters. Prior to pursuing her Ph.D., Brown worked for various non-profit agencies in public relations. She is a member of Community Service Public Relations Council and CORO Women in Leadership. Brown is a recent recipient of the Association for Education in Journalism and Mass Communication's Inez Kaiser Graduate Student of Color Award. She has a M.A. in Media Communications Management from Webster University in St. Louis, Missouri and a B.A. in Mass Communications from Southern Illinois University at Edwardsville.

OneNOAA

[OneNOAA Science Seminar](#) added Tuesday, July 21, 2009 7:05 AM

Seminar Added: <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Flows and mixing in abyssal channels of the Atlantic (Vema Channel 31°S), Romanche Fracture Zone (equator), Vema Fracture Zone (11° N)**

Date/Location: Monday, 17 August 2009; 11:00-12:00 ETZ ([SSMC-3](#), 4th Floor, Room 4817, [NODC Seminar](#))

Speaker(s): Dr. Eugene Morozov ([Shirshov's Institute of Oceanology](#), Moscow, Russia)

Abstract: TBD

Remote Access & Notes: **For Webcast access:** 1) go to <http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. **For general questions about this seminar,** please contact Hernan Garcia (Hernan.Garcia@noaa.gov). For further information about the speaker, please contact Dan.Seidov@noaa.gov.

Notes about the speaker(s): Dr. Eugene Morozov, is the director of Laboratory of Internal Waves at the Shirshov Institute of Oceanology, Russian Academy of Sciences, Russia. He is also Vice President of IAPSO.

Web link to this seminar announcement http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_17Aug2009_Morozov

OneNOAA Seminar Added: [OneNOAA Science Seminar](#) added Wednesday, February 11, 2009 7:14 AM \ Last edited Monday March 16, 2009 12:01 PM <http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: **Coastal margin 'collaboratories': oceanography, re-visited**

Date/Location: Wednesday, 19 August 2009; 12:00 – 13:00 ETZ ([SSMC-4](#), Room #8150, [NOS seminar](#))

Speaker(s): Antonio Baptista

E-mail(s): baptista@stccmop.org

Abstract:

The Center for Coastal Margin Observation and Prediction (CMOP), one of 17 NSF Science and Technology Centers and one of only two STCs dedicated to the study of the ocean, is built on the premise that 'collaboratories' are transformative agents for coastal margin understanding, management and operation. We define 'collaboratories' as networked integrations of sensors, platforms, models, data, analyses and collaboration & social processes. CMOP has created and maintains SATURN, a novel inter-disciplinary collaborative for the Columbia River coastal margin. Besides a description of the SATURN components and their integration, the talk will address the evolving impact of the collaboratory on the scientific and practical understanding of the Columbia River ecosystem, its contemporary variability, and its historical and anticipated changes under continuing development and evolving large-scale stresses. Using SATURN as foundation, and OOI and IOOS as umbrella context, the talk will also examine opportunities for broadly collaborative, anticipatory, gene-to-climate thinking on the impact of climate and human activities on coastal margins.

Remote Access & Notes:

Presentations are available remotely via a combination of phone & webcast. Please be aware that remote access is limited to 50 connections on a first-come-first served basis, so we cannot guarantee participation. To participate remotely you must: 1) Dial 866-873-0221, and then wait for instructions. When prompted enter passcode 5574872 followed by the # sign. Please use your phone's mute button (or toggle *6) during the presentation until you are ready to ask questions. 2) Go to the webcast site at <http://www.mymeetings.com/nc/join.php?i=746752585&p=&t=c> 3) Enter meeting number 746752585 if needed. No passcode is required. 4) Enter other required fields. 5) Indicate that you have read the Privacy Policy and click Proceed. For questions: contact Felix Martinez (Felix.Martinez@noaa.gov).

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_19Aug2009_Baptista

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Friday, July 31, 2009 1:45 PM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title:

Surf Research in Hawaii: Using Historical Records to Improve Surf and Surf-related Coastal Flood Forecasts

Date/Location:

Thursday, 27 August 2009, 12:00-13:00h ETZ ([SSMC-3](#), 4th Floor, Room 4817, [NODC Seminar](#))

Speaker(s):

Patrick Caldwell [NOAA Data Center Hawaii Liaison (NESDIS/NODC/NCDDC)]

E-mail(s):

Patrick.Caldwell@noaa.gov

Abstract:

It all started with an Internet-based, NODC-sponsored, un-official, recreational surf forecast for Oahu, Hawaii in 1997 by the NODC Pacific Islands liaison based at the University of Hawaii. In 2002, to keep a single voice to the public from NOAA, a collaborative Oahu surf forecast was initiated with the National Weather Service (NWS),

Honolulu Forecast Office (HFO). At this time, the HFO had recently changed from a colloquial method for sizing surf heights, referred to as the Hawaii scale, to an oceanographic standard of trough to crest, referred to as face. But breakers are dynamic--definitions were needed to clarify face heights spatially and temporally. Another issue was how to convert deep water swell characteristics to breaker face heights. These questions were investigated using daily observations of surf and the regional buoy network. Historical records were made in Hawaii scale, which were translated to face height using photographic evidence. An empirical formula, which matched buoy measurements to the surf observations, was created to estimate breaker heights based on deep water swell. This formula is now operational at the HFO. Hourly buoy and tide data back to 1981 were used to develop a scheme to forecast extreme wave run-up during coinciding high surf and tide events. This scheme offers the HFO a guidance product for triggering extreme surf warnings, which are issued when there are potentially destructive impacts to shoreline infrastructure such as homes, highways, and harbors. Surf studies by the NODC liaison have been published in three articles by the Journal of Coastal Research.

For Webcast access: 1) go to

<http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in

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have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-

916-2513 using a touch-tone phone; when prompted enter participant code 5877174

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start approximately 5 min before the seminar. If possible, seminar audio will be available

via podcast together with the seminar slides following the seminar. **For general**

questions about this seminar, please contact Hernan Garcia (Hernan.Garcia@noaa.gov).

**Remote Access
& Notes:**

**Notes about the
speaker(s):**

Mr. Patrick Caldwell is the NOAA Data Center Hawaii Liaison (NESDIS/NODC/NCDDC) .

**Web link to this
seminar
announcement**

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_27Aug2009_Caldwell

**OneNOAA
Seminar Added:**

[OneNOAA Science Seminar](#) added Monday, June 29, 2009 3:05 PM

<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title:

Identifying key climate change information for marine and coastal ecological research

Date/Location:

Wednesday, 09 September 2009; 12:00 – 13:00 ETZ ([SSMC-4](#), Room 8150, [NOS](#) seminar)

Speaker(s): Karsten Shein (NOAA National Climatic Data Center)

E-mail(s): Karsten.Shein@noaa.gov

Abstract:

A growing awareness of the potentially significant adverse effects that a variable climate may have on marine and coastal ecosystems has prompted “climate change” to be widely labeled as one of the foremost threats to those ecosystems. However, although a growing body of research is focused on the perceived impacts of climate change on marine and coastal ecosystems, and the environmental tolerance envelopes of many species are well documented through geographic analysis and laboratory studies, establishing correlations between climate variables and species health addresses just one aspect of the full impacts a variation in the overlying climate may have on a particular ecosystem. Arguably as important as establishing which climatic conditions may play a role in exacerbating ecosystem stress is to understand how those conditions behave in space and time, and which ones may present the most dominant influence on species health. Unfortunately, information on these details of climate change is often not readily available or can easily be misinterpreted. Time-series observations from sparse networks, satellite imagery, and regionalized averages of climate variables may provide some information, but coarse resolutions and limited spatial coherence can hinder interpretation at the local scale. This discussion addresses some of the ways in which appropriate climate change information can be developed and presented to support marine and coastal research and decision making, discusses some of the climate information products and services of the NOAA National Climatic Data Center, and details the scope and limitations of relevant climatological data.

Remote Access & Notes:

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http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_09Sep2009_Shein

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Tuesday, July 21, 2009 6:43 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

Title: What Can Science Tell Us That Fishermen Don’t Already Know?

Date/Location: Monday, 26 October 2009; 12:00-13:00 ETZ ([SSMC-3](#), 4th Floor Large Conference Room 4527, [NODC](#) Seminar)

Speaker(s): Dr. Elizabeth W. North (Assistant Professor, [University of Maryland Center for Environmental Science](#))

E-mail(s): enorth@hpl.umces.edu

For millennia, fishermen have known that abundances of fish vary from year to year and that these variations could be associated with changes in weather. One hundred years ago, many scientists thought that man could not exhaust the sea's bounty and that climate fluctuations were unpredictable and not related to human activities. Today, we see that fish populations may fluctuate due to fishing, natural weather and climate variability, and human-induced climate change. As our understanding of the earth's system grows and our ability to predict (or at least forecast envelopes of future realities) expands with it, we need to ask, "What is the validity of the quantitative tools developed from this understanding, and how can we use these tools to better manage fish, fisheries, and ecosystems?"

Abstract: Although empirical relationships between oceanographic conditions and fish and shellfish recruitment are notoriously ephemeral, I will make the case that a process-level understanding of recruitment for individual species is an achievable and important goal for fisheries science. The state of the ecosystem (both physical and biological components) can have profound influences on early-life dynamics, which in turn feed back to the ecosystem via proliferation or collapse of year classes that can shift community structure as they pulse through a system. Understanding the influence of environmental variability on both the ecosystem and single species is necessary for projecting how fished populations will respond to climate change, for developing decision-support tools for ecosystem-based management, and for science to tell us something that fishermen don't already know. Supporting insights and examples will be drawn from the Global Ecosystem Dynamics (GLOBEC) Program and from research on Chesapeake Bay and the Western Atlantic's Middle Atlantic Bight. Perspectives on research needs and priorities will be offered.

For Webcast access: 1) go to

<http://www.mymeetings.com/nc/join.php?i=741283869&p=nodc1315&t=c>; 2) type in other required fields (i.e., your name, e-mail, organization; meeting number is 741283869; password is "nodc1315" -password is case sensitive-); 3) indicate that you have read the Privacy Policy; 4) click on Proceed. **For phone access:** toll free dial 877-

Remote Access & Notes: 916-2513 using a touch-tone phone; when prompted enter participant code 5877174 followed by a "#" (Please mute your phone during the presentation or toggle *6 otherwise it produces a sound feedback). Please note that webcast & phone access is limited to 50 connections on a first-come-first served basis. Webcast & phone access will start approximately 5 min before the seminar. If possible, seminar audio will be available via podcast together with the seminar slides following the seminar. **For general questions about this seminar,** please contact Hernan Garcia (Hernan.Garcia@noaa.gov).

Notes about the speaker(s): Elizabeth W. North is an Assistant Professor at the University of Maryland Center for Environmental Science (UMCES). Located at Horn Point Laboratory, Dr. North works to

advance basic principles of fisheries oceanography, support fisheries management, and enhance ecosystem restoration. Her research integrates field and numerical modeling approaches and focuses on physical-biological interactions during the early life of fish and shellfish. Dr. North received a B.A. from Swarthmore College in 1991, a M.S. in Interdisciplinary Science Studies from Johns Hopkins University in 1996, and a Ph.D. in Marine, Estuarine, and Environmental Science with specialization in Fisheries Science from University of Maryland in 2001. In 2007, she received the Cronin Award for Early Career Achievement from the Coastal and Estuarine Research Federation. Currently she serves on the ICES Working Group on Modelling Physical-Biological Interactions and the US GLOBEC Standing Committee for Synthesis, and she will co-chair the ICES workshop on Understanding and quantifying mortality in fish early life stages: experiments, observations and models (WKMOR) in 2010. See also <http://hpl.umces.edu/faculty/enorth.html>.

Web link to this seminar announcement

http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html#OneNOAASeminar_26Oct2009_North

OneNOAA Seminar Added:

[OneNOAA Science Seminar](http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html) added Friday, April 10, 2009 10:49 AM
<http://www.nodc.noaa.gov/General/NODC-About/Outreach/NODC-seminars09.html>

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NODC: <http://www.nodc.noaa.gov/>

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or NOAA  
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