

# Northeast Ocean Data Portal: Maps and data for New England's oceans

NASEO: Regional Partnerships, Coordination, Data and Grid  
Analysis to Inform State Offshore Wind Planning and  
Implementation

September 17, 2019



**NORTHEAST OCEAN DATA**

[www.NortheastOceanData.org](http://www.NortheastOceanData.org)

# Northeast Regional Ocean Council

- Established by the New England governors in 2005
- Voluntary forum for states, regional organizations, federal agencies
  - Healthy Ocean and Coastal Ecosystems Committee
  - Coastal Hazards Committee
  - **Ocean Planning Committee**
    - Developed the **Northeast Ocean Data Portal** in 2009
    - Supported the development of the **Northeast Ocean Plan** through the former Northeast Regional Planning Body



### DATA EXPLORER

Define and view any combination of data on any map

LAUNCH DATA EXPLORER

### VIDEO TOUR

Introduction to the Northeast Ocean Data Portal

0:00 / 1:06

See more tutorials

### FEATURED MAP

Offshore Wind Planning Areas

### NEWS

Apr 24, 2020  
Amended Rhode Island Geographic Location Description

Apr 22, 2019  
Tutorial on "Communities at Sea" Maps of Commercial Fishing Activity

Apr 19, 2019  
Explore Connections Between Fishing Communities and Their Fishing Grounds on New Maps

News Archives

List of Data Updates

### FOLLOW US

**Northeast Ocean Data** @NEOceanData  
North Atlantic right whale abundance in northeastern U.S. <https://t.co/EXUw325CU>  
<https://t.co/6z0Y856t8>

**Northeast Ocean Data** @NEOceanData  
Aquaculture in the northeastern U.S. <https://t.co/WmBqUz98H6>  
<https://t.co/uxbc5HeKIV>

### THEME MAPS

View curated maps and data on key topics

- Marine Life & Habitat: Mammals & Turtles / Fish / Birds / Habitat
- Commercial Fishing
- Marine Transportation
- Energy & Infrastructure
- Aquaculture
- Recreation
- Restoration
- Cultural Resources
- National Security
- Water Quality

Bathymetry / Eelgrass / Habitat Classification

### CASE STUDIES

- U.S. Navy Uses Data Portal to Select Test Site for Unmanned Underwater Vehicle  
Marine Transportation / Recreation
- Coast Guard Uses Data Portal in Waterways Management in the Northeast  
Commercial Fishing / Marine Transportation
- Inspiring K-12 Students to Investigate the Ocean Ecosystem and Ocean Uses  
Aquaculture / Commercial Fishing / Energy and Infrastructure / Marine Life / Marine Transportation / Recreation

More Case Studies

- Source of over 5,000 map products showing the footprint of activities and resources
- Federal, state, and stakeholder provided data
- Customized to address regional stakeholder and agency needs
- Informed and vetted by regional stakeholders and experts



## DATA EXPLORER

### LEGEND

Squid 2015-2016 (<4 knots)



Vineyard Wind Proposed Project Envelope



Vineyard Wind Proposed Cable Route



Deepwater Wind/Orsted Lease Areas (OCS-A 0486,0487)



Bay State Wind, LLC Lease Area (OCS-A 0500)



Vineyard Wind, LLC Lease Areas (OCS-A 0501, 0522)



Equinor Wind US, LLC Lease Areas (OCS-A 0512, 0520)



Mayflower Wind Energy, LLC Lease Area (OCS-A 0521)



### COMMERCIAL FISHING DATA VIEWS

(VESSEL MONITORING SYSTEM DATA)



March 10, 2017  
BOEM announces  
3 unsolicited bids  
for offshore wind  
permits in  
offshore  
MA and NY

April 14, 18 - 20  
New England Fishery  
Management Council  
meetings

March 1



fewer views before

greater and more frequent views after



Zoom to ▾

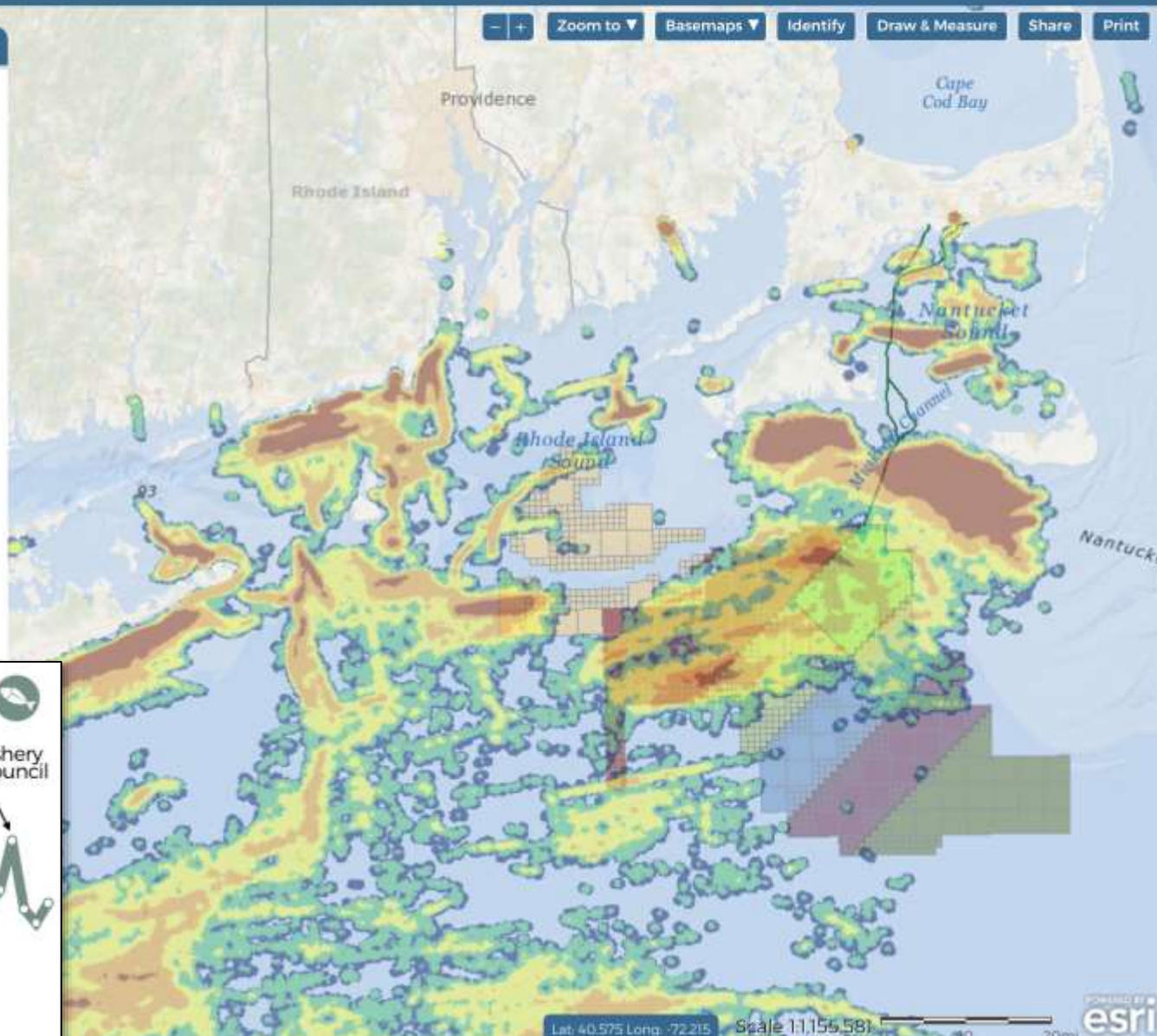
Basemaps ▾

Identify

Draw & Measure

Share

Print



## MAP GALLERY: OFFSHORE WIND ENERGY DEVELOPMENT

### FILTERS

#### Operational Installations

- Block Island Wind Farm

#### Projects in Review

- Vineyard Wind Offshore Wind Energy Project
- Cape Wind Offshore Wind Energy Project
- New York State
- South Fork Wind Farm
- Sunrise Wind Offshore Wind Energy Project

#### Lease Areas

- OCS (Deepwater Wind/Atlantic)
- OCS (Deepwater Wind/Cape Cod)
- OCS (Bay State Wind LLC)
- OCS (Vineyard Wind LLC)
- OCS (Eastern Wind LLC)
- OCS (Bassnet Wind LLC)
- OCS (Maplewood Wind Energy LLC)
- OCS (Vineyard Wind LLC)

#### Planning Areas

- BOEM NY Right-of-Way
- BOEM NY Right-of-Way Draft Wind Energy Areas

#### Geography

- Gulf of Maine
- Massachusetts
- New York
- Rhode Island

#### Marine Life

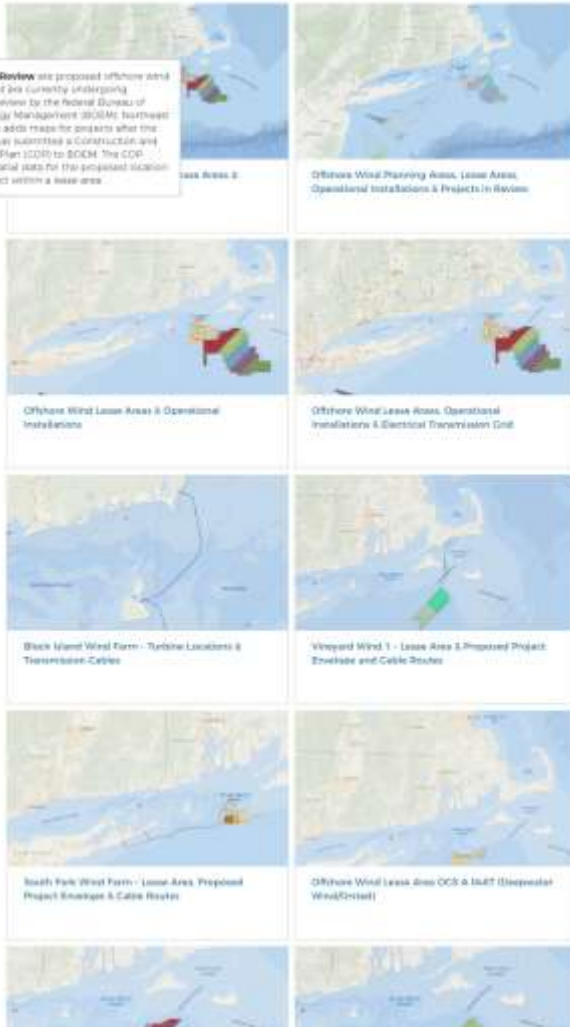
- Seals
- Whales and Dolphins

#### Other Ocean Uses

- Commercial Fishing
- Marine Transportation

Search

**Projects in Review** are proposed offshore wind projects that are currently undergoing regulatory review by the Federal Bureau of Ocean Energy Management (BOEM). BOEM's Northwest Ocean Data adds maps for projects after the developer has submitted a CONSTRUCTION and OPERATIONS PLAN (COOP) to BOEM. The COOP contains spatial data for the proposed location of the project within a lease area.



## MAPS OF PROPOSED VINEYARD WIND PROJECT AREA

The purpose of this web page is to provide links to interactive Northeast Ocean Data Portal maps that include some of the data referenced in the Vineyard Wind Draft Environmental Impact Statement (DEIS). The Vineyard Wind DEIS contains maps depicting datasets from a variety of sources, some of which are available on the Portal.

Vineyard Wind LLC proposes to build an approximately 800-megawatt (MW) wind energy facility with up to one hundred wind turbines located more than 14 miles (23 kilometers) southeast of Martha's Vineyard, Massachusetts. In December 2018, the U.S. Department of the Interior Bureau of Ocean Energy Management (BOEM) released a Draft Environmental Impact Statement for the project. As a result of the Federal government shutdown, BOEM rescheduled its public hearings about the DEIS, scheduled to occur in Massachusetts and Rhode Island, to the week of February 11, 2019, and reopened the public comment period until February 22, 2019.

The DEIS was developed to determine whether to approve, approve with modifications, or disapprove the Construction and Operations Plan submitted by Vineyard Wind LLC. Input received during the public comment period will be used by BOEM to inform preparation of the Final Environmental Impact Statement.

For complete information about the Vineyard Wind project and the public comment process, visit BOEM's Vineyard Wind web page <https://www.boem.gov/Vineyard-Wind>.



#### BOEM Public Hearings

- Feb. 11, Nantucket, MA
- Feb. 12, Vineyard Haven, MA
- Feb. 15, Hyannis, MA
- Feb. 16, New Bedford, MA
- Feb. 15, Narragansett, RI

**Public Comment Period Closes  
February 22, 2019**

**For more information**



DEIS Figure 12-5: Proposed Project Area Relative to Massachusetts and Rhode Island Lease Areas

Launch Interactive Map



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**Questions or  
comments?**

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