

Representation of Designated Steller Sea Lion Critical Habitat in Oregon

Metadata also available as

Metadata:

- [Identification_Information](#)
 - [Data_Quality_Information](#)
 - [Spatial_Data_Organization_Information](#)
 - [Spatial_Reference_Information](#)
 - [Entity_and_Attribute_Information](#)
 - [Distribution_Information](#)
 - [Metadata_Reference_Information](#)
-

Identification_Information:

Citation:

Citation_Information:

Originator: NOAA Fisheries, Protected Resources Division, Portland, Oregon

Publication_Date: 8/2008

Title:

Representation of Designated Steller Sea Lion Critical Habitat in Oregon

Geospatial_Data_Presentation_Form:

vector digital data

Online_Linkage: none

Description:

Abstract:

This data set depicts Designated Critical Habitat for Stellar Sea Lion in Oregon. It is meant as a general locational reference for these designated areas.

Purpose:

These data are intended to represent the areas designated as Critical Habitat for Stellar Sea Lions in Oregon by delineating a 3,000 foot buffer around the 3 islands or rocks where the specified rookeries are located. The Federal Register Notice of August 27, 1993 gives the final rule for "Designated Critical Habitat; Steller Sea Lion". For Oregon it calls out 3 locations offshore in Curry County; 2 in the Orford Reef region and 1 in the Rogue Reef region. In Oregon, major Steller sea lion rookeries and associated air and aquatic zones are designated as critical habitat. Critical habitat includes an air zone extending 3,000 feet (0.9 km) above rookery areas historically occupied by sea lions. Critical habitat also includes an aquatic zone extending 3,000 feet (0.9 km) seaward from the baseline or basepoint of each major rookery indicated in Table 1 in Part 226 of the Federal Register Notice.

Supplemental_Information:

The Federal Register Notice (Vol. 58, No. 165, 50 CFR Part 226) provided latitude / longitudes along with the region & site names for the Stellar Sea Lion rookeries used for Critical Habitat designations. However, the coordinates did not match up accurately with the Oregon Islands data delineations (USFWS) for those named sites. The Oregon Islands data is more accurate. The island / offshore rock data used to determine these areas were produced by the U.S. Fish and Wildlife Service (USFWS) for their Oregon Islands National Wildlife Boundaries in 2003. The primary source for island / rock information is the USFWS Realty and Refuge Planning programs (land status maps, planning documents, legal surveys). Since the latitude / longitude basepoints given did not correspond to the islands / rock data, the 3,000 foot aquatic zone was delineated by creating a buffer from the shoreline of the islands and rocks rather than the basepoint.

Time_Period_of_Content:

Currentness_Reference: publication date

Status:

Progress: Complete

Maintenance_and_Update_Frequency:

None planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -124.727318

East_Bounding_Coordinate: -123.902142

North_Bounding_Coordinate: 45.952309

South_Bounding_Coordinate: 41.997355

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: Critical Habitat

Theme_Keyword: Stellar Sea Lion

Theme_Keyword: Marine mammals

Theme_Keyword: pinnipeds

Theme:

Theme_Keyword: Critical Habitat

Theme_Keyword: Steller Sea Lion

Theme_Keyword: pinniped

Theme_Keyword: marine mammals

Theme_Keyword: islands

Theme_Keyword: critical habitat

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Oregon Islands

Place_Keyword: Oregon

Place_Keyword: USA

Place_Keyword: Oregon Coast

Place_Keyword: offshore

Place_Keyword: west coast

Place_Keyword: Oregon Territorial Sea

Place_Keyword: Curry County
Access_Constraints: None
Point_of_Contact:
Contact_Information:
Contact_Person_Primary:
Contact_Person: Barbara Seekins
Contact_Organization: NOAA Fisheries,
Protected Resources Division, Portland, OR
Contact_Position: Geographer
Contact_Address:
Address_Type: mailing and physical address
Address:
U. S. Fish and Wildlife Service Division of Refuge Planning 911 NE 11th Ave.
City: Portland
State_or_Province: Oregon
Postal_Code: 97232-4181
Country: USA
Contact_Voice_Telephone: 503-736-4739
Contact_Electronic_Mail_Address:
barbara.seekins@noaa.gov
Hours_of_Service: 8:30 a.m. to 5:00 p.m. Monday Through Friday
Data_Set_Credit:
NOAA Fisheries, Protected Resources Division, Portland, OR USFWS, Region 1, Division of Refuge Planning
Native_Data_Set_Environment:
ARC / INFO Version 8.0 Double Precision, Windows NT 4.0 operating system
Cross_Reference:
Citation_Information:
Originator:
B. Seekins, NOAA Fisheries, Protected Resources Division, Portland, Oregon
Publication_Date: Unpublished Material
Title:
Representation of Designated Steller Sea Lion Critical Habitat in Oregon

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Digital refuge boundaries are plotted for arc and polygon attributes, and compared to USFWS Realty land status maps for coding accuracy. Extensive review is conducted until all errors are corrected. See Service Lands Boundary Data Standard Operating Procedure (SOP 97-01).

Logical_Consistency_Report:

All polygons are closed and all dangling arcs are removed.

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

The horizontal positional accuracy is tested by visual comparison of hard copy check plots to the source materials and verifying the location of the data on-screen relative to other data layers in the same geographic area.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

Not applicable

Lineage:

Source_Information:

Source_Citation:

Citation_Information:

Originator: USGS

Publication_Date: Unknown

Title: Digital Raster Graphics

Series_Information:

Series_Name: 7.5 minute topographic maps

Type_of_Source_Media: digital file

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Time_of_Day: unknown

Source_Currentness_Reference:

publication dates

Source_Citation_Abbreviation:

USFWS

Source_Contribution:

Point locations for small rocks

present on the topo maps.

Source_Information:

Source_Citation:

Citation_Information:

Originator: BLM, Oregon State Office

Publication_Date: 2001

Title: Q100_STATE.E00

Geospatial_Data_Presentation_Form:

digital vector data

Type_of_Source_Media: digital file

Source_Time_Period_of_Content:

Time_Period_Information:

Single_Date/Time:

Time_of_Day: Unknown

Source_Currentness_Reference:

publication date

Source_Citation_Abbreviation:

BLM

Source_Contribution:

Island/rock polygons

Source_Information:

Source_Citation:

Citation_Information:

<i>Originator:</i>	Divisions of Realty and Planning	
<i>Publication_Date:</i>	Unknown	
<i>Title:</i>	Documents	
<i>Type_of_Source_Media:</i>		paper
<i>Source_Time_Period_of_Content:</i>		
<i>Time_Period_Information:</i>		
<i>Single_Date/Time:</i>		
<i>Time_of_Day:</i>	Unknown	
<i>Source_Currentness_Reference:</i>		
	publication date	
<i>Source_Citation_Abbreviation:</i>		N/A
<i>Source_Contribution:</i>		
	Legal descriptions for Crook Point unit, admin site and Tillamook Rock.	
<i>Process_Step:</i>		
<i>Process_Description:</i>		
	DLG island polygons from the BLM were reprojected and exported as a shapefile. The shapefile was edited in ArcMap adjusting islands to match (in some areas) the island outlines present on the SDE/DRG layer. Missing polygon islands were digitized and incorporated into the shapefile.	
<i>Process_Date:</i>	Unknown	
<i>Process_Step:</i>		
<i>Process_Description:</i>		
	A new point shapefile was created and all of the island/rocks symbolized on the DRGs with an astrisk were digitized. The points were buffered approximately 2.33 meters and the resulting polygons were merged with the island polygon shapefile creating a complete polygon inventory for islands and rocks present on the 7.5 minute topographic maps.	
	The 15 sq meter acreage for the rock point/polygons was modeled and was subjectively determined by comparing the MMU and nature of features symbolized with astrisks on USGS 7.5 minute topographic maps as well as considering the area of the smallest island included in the DLG inventory.	
<i>Process_Date:</i>	Unknown	
<i>Process_Step:</i>		
<i>Process_Description:</i>		
	Tract boundaries were exported from COQ_ROS1 and COQ_ROS2 drawing files as shapefiles and merged with the existing island polygon shapefile.	
<i>Process_Date:</i>	Unknown	
<i>Process_Step:</i>		
<i>Process_Description:</i>		
	The Crook Point unit, admin site and Tillamook rock tracts were generated in AutoCad from legal description, exported as shapefiles and merged with the boundary shapefile.	
<i>Process_Date:</i>	Unknown	
<i>Process_Step:</i>		
<i>Process_Description:</i>		
	The complete boundary shapefile was converted to an ArcINFO coverage and attributed according to FWS SOP 98-01.	

<i>Process_Date:</i>	Unknown	
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset copied.
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset copied.
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset copied.
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset copied.
<i>Process_Step:</i>		
<i>Process_Description:</i>		Metadata imported.
<i>Source_Used_Citation_Abbreviation:</i>		
C:\DOCUME~1\User\LOCALS~1\Temp\xml31.tmp		
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset moved.
<i>Source_Used_Citation_Abbreviation:</i>		
C:\GisData\Working\GISData_MarineReservesProcess		
\biological\OR_Islands_National_Wildlife_Refuges_USFWS_2004		
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset moved.
<i>Source_Used_Citation_Abbreviation:</i>		
C:\GisData\Working\GISData_MarineReservesProcess\For_OCA		
\Biological\OR_Islands_National_Wildlife_Refuges_USFWS_2004		
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset copied.
<i>Source_Used_Citation_Abbreviation:</i>		
<i>Process_Step:</i>		
<i>Process_Description:</i>		Dataset copied.
<i>Source_Used_Citation_Abbreviation:</i>		
\\CD0001700888\C\Projects\CTortorici\Database8_11_08\OCA_Marine_pgdb.mdb		
<i>Cloud_Cover:</i>	0	

Spatial_Data_Organization_Information:

<i>Indirect_Spatial_Reference:</i>	Not Applicable	
<i>Direct_Spatial_Reference_Method:</i>		Vector
<i>Point_and_Vector_Object_Information:</i>		
<i>SDTS_Terms_Description:</i>		
<i>SDTS_Point_and_Vector_Object_Type:</i>		
G-polygon		
<i>Point_and_Vector_Object_Count:</i>		2

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Map_Projection:

Map_Projection_Name:

Albers Conical Equal Area

Albers_Conical_Equal_Area:

Standard_Parallel:

43.000000

Standard_Parallel:

48.000000

Longitude_of_Central_Meridian:

-117.000000

Latitude_of_Projection_Origin:

41.000000

False_Easting:

700000.000000

False_Northing:

0.000000

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method:

coordinate pair

Coordinate_Representation:

Abscissa_Resolution:

0.000000

Ordinate_Resolution:

0.000000

Planar_Distance_Units:

meters

Geodetic_Model:

Horizontal_Datum_Name:

North American Datum of 1983

Ellipsoid_Name:

Geodetic Reference System 80

Semi-major_Axis:

0

Denominator_of_Flattening_Ratio:

0

Entity_and_Attribute_Information:

Detailed_Description:

Entity_Type:

Entity_Type_Label:

org_bnd.aat

Entity_Type_Definition:

Attributes of boundary

lines inside of the legislative boundary

Entity_Type_Definition_Source:

USFWS Service Lands Digital Boundary SOP 97-01

Attribute:

Attribute_Label:

Shape

Attribute_Definition:

Feature geometry.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Coordinates defining

the features.

Attribute:

Attribute_Label:

FID

Attribute_Definition: Internal feature number.

Attribute_Definition_Source: ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: Id

Attribute:

Attribute_Label: Region

Attribute:

Attribute_Label: Site_Name

Attribute:

Attribute_Label: OR_County

Detailed_Description:

Entity_Type:

Entity_Type_Label: org_bnd.pat

Entity_Type_Definition:

USFWS land ownership/control polygons (tracts) inside of the legislative boundary

Entity_Type_Definition_Source:

USFWS Service Lands Digital Boundary SOP 97-01

Attribute:

Attribute_Label: ACREAGE

Attribute_Definition:

Acreeage calculated from

square coverage units.

Attribute_Definition_Source:

USFWS Service Lands Digital Boundary SOP 97-01.

Attribute:

Attribute_Label: AREA

Attribute_Definition:

Internal feature number.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label: IFWSNO

Attribute_Definition:

The adminstrative number

assigned to each refuge.

Attribute_Definition_Source:

USFWS Service Lands Digital Boundary SOP 97-01.

Attribute:

Attribute_Label: ISLANDNO

Attribute_Definition:

Unique island numbers that can be joined to the Sea Bird Colony database.

Attribute_Definition_Source:

USFWS, Division of Refuge Planning

<i>Attribute:</i>			
<i>Attribute_Label:</i>	NWRNAME		
<i>Attribute_Definition:</i>		The three letter abbreviation of	
		the full refuge name.	
<i>Attribute_Definition_Source:</i>			
		USFWS Service Lands Digital Boundary SOP 97-01.	
<i>Attribute:</i>			
<i>Attribute_Label:</i>	NWRUNIT		
<i>Attribute_Definition:</i>		Three letter abbreviation assigned	
		to 'units' of a refuge.	
<i>Attribute_Definition_Source:</i>			
		USFWS Service Lands Digital Boundary SOP 97-01.	
<i>Attribute:</i>			
<i>Attribute_Label:</i>	ORG_BND#		
<i>Attribute_Definition:</i>		Area of feature in internal	
		units squared.	
<i>Attribute_Definition_Source:</i>			ESRI
<i>Attribute_Domain_Values:</i>			
<i>Unrepresentable_Domain:</i>		Positive real numbers	
		that are automatically generated.	
<i>Attribute:</i>			
<i>Attribute_Label:</i>	ORG_BND-ID		
<i>Attribute_Definition:</i>		Perimeter of feature in	
		internal units.	
<i>Attribute_Definition_Source:</i>			ESRI
<i>Attribute_Domain_Values:</i>			
<i>Unrepresentable_Domain:</i>		Positive real numbers	
		that are automatically generated.	
<i>Attribute:</i>			
<i>Attribute_Label:</i>	PERIMETER		
<i>Attribute_Definition:</i>		Feature geometry.	
<i>Attribute_Definition_Source:</i>			ESRI
<i>Attribute_Domain_Values:</i>			
<i>Unrepresentable_Domain:</i>		Coordinates defining	
		the features.	
<i>Attribute:</i>			
<i>Attribute_Label:</i>	STATUS		
<i>Attribute_Definition:</i>			
		This item contains USFWS defined character codes describing the nature of land ownership relative to the	
		refuge system. Character code definitions are as follows: o = owned (land currently owned by USFWS); i	
		= inholding (area within the legislative boundary available for acquisition but not owned by USFWS); e	
		= easement (land where easement or lease shares jurisdiction, could contain double codes describing type	
		of easement); ec = conservation easement (an easement restricting development); s = secondary (USFWS	
		is secondary to other federal agencies); r = lease (leased land); v = permit (land acquired by permit or license);	
		g = outgrant (FWS grants use to another party); f = Farm Home (tract acquired from U.S. Dept. of	

Agriculture farm loan foreclosure); x = exclusion (an area internal to a closed legislative polygon that is excluded from acquisition); u = uncertain (status of parcel is uncertain because it is unknown, disputed, or requires additional research in Realty); RR = railroad; X = waterfowl management rights; W = water; T = telephone; R = road; P = pipeline; C = conservation easement; E = electric power transmission lines; ET = electric and telephone line combination; M = miscellaneous; A = agricultural; D = ditch, canal, or culvert. Single character code definitions are obvious, however, an example of a double character code would be 'eX' which describes a wetland easement. Another such example would be 'eRR' which describes a railroad easement.

Attribute_Definition_Source:

USFWS Service Lands Digital Boundary SOP 97-01

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label:

TRACTNO

Attribute_Definition:

Tract numbers as assigned

by USFWS Realty Division.

Attribute_Definition_Source:

USFWS, Region 1, Division of Realty

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Detailed_Description:

Entity_Type:

Entity_Type_Label:

org_bnd.nat

Attribute:

Attribute_Label:

ARC#

Attribute_Definition:

Internal feature number.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label:

ORG_BND#

Attribute_Definition:

Internal feature number.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:

Unrepresentable_Domain:

Sequential unique whole numbers that are automatically generated.

Attribute:

Attribute_Label:

ORG_BND#

Attribute_Definition:

Feature geometry.

Attribute_Definition_Source:

ESRI

Attribute_Domain_Values:
Unrepresentable_Domain:
the features.

Coordinates defining

Attribute:

Attribute_Label:

ORG_BND-ID

Attribute_Definition:

User-defined feature number.

Attribute_Definition_Source:

ESRI

Attribute:

Attribute_Label:

ORG_BND-ID

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Attribute:

Distribution_Information:

Distributor:

Contact_Information:

Contact_Person_Primary:

Contact_Person:

Dave Hoy

Contact_Organization:

USFWS, Region 1, Division

of Refuge Planning

Contact_Position:

Cartographer

Contact_Address:

Address_Type:

mailing and physical address

Address:

U. S. Fish and Wildlife Service Division of Refuge Planning 911 NE 11th Ave.

City:

Portland

State_or_Province:

Oregon

Postal_Code:

97232-4181

Country:

USA

Contact_Voice_Telephone:

503-231-2230

Contact_Facsimile_Telephone:

503-

231-6161

Contact_Electronic_Mail_Address:

david_hoy@fws.gov

Hours_of_Service: 8:00 a.m. to 4:00 p.m. Monday Through Friday
Resource_Description: Downloadable Data

Distribution_Liability:

No warranty is made by the U.S. Fish and Wildlife Service as to the accuracy, reliability, or completeness of this data for individual use or aggregate use with other data.

Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: .E00

File-Decompression_Technique:

no compression applied

Transfer_Size: 1.025

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name:

Please call for FTP instructions

Access_Instructions:

Local area network

Fees: none

Ordering_Instructions:

Please call for information

Turnaround:

fast

Available_Time_Period:

Time_Period_Information:

Single_Date/Time:

Time_of_Day: unknown

Metadata_Reference_Information:

Metadata_Date: 20020215

Metadata_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person:

Dave Hoy

Contact_Organization:

USFWS, Region 1, Division

of Refuge Planning

Contact_Position:

Cartographer

Contact_Address:

Address_Type:

mailing and physical address

Address:

U. S. Fish and Wildlife Service Division of Refuge Planning 911 NE 11th Ave.

City:

Portland

State_or_Province:

Oregon

Postal_Code:

97232-4181

Country:

USA

Contact_Voice_Telephone:

503-231-2230

Contact_Facsimile_Telephone:

503-

231-6161

Contact_Electronic_Mail_Address:

david_hoy@fws.gov

Hours_of_Service:

8:00 a.m. to 4:00 p.m. Monday Through Friday

Metadata_Standard_Name:

FGDC Content Standard For Digital Geospatial Metadata

Metadata_Standard_Version:

FGDC-STD-

001-1998

Metadata_Time_Convention:

local time

Metadata_Extensions:

Online_Linkage:

[<http://www.esri.com/metadata/esriprof80.html>](http://www.esri.com/metadata/esriprof80.html)

Profile_Name:

ESRI Metadata Profile

Metadata_Extensions:

Online_Linkage:

[<http://www.esri.com/metadata/esriprof80.html>](http://www.esri.com/metadata/esriprof80.html)

Profile_Name:

ESRI Metadata Profile

Metadata_Extensions:

Online_Linkage:

[<http://www.esri.com/metadata/esriprof80.html>](http://www.esri.com/metadata/esriprof80.html)

Profile_Name:

ESRI Metadata Profile