

Rare Species (MA)



Tags

NHESP Priority Habitats of Rare Species

Summary

Planning and analysis

Description

The Priority Habitats of Rare Species datalayer contains polygons representing the geographic extent of Habitat of state-listed rare species in Massachusetts based on observations documented within the last 25 years in the database of the Natural Heritage & Endangered Species Program (NHESP). Priority Habitat polygons are the filing trigger for project proponents, municipalities, and all others for determining whether or not a proposed project or activity must be reviewed by the NHESP for compliance with the Massachusetts Endangered Species Act (MESA) and its implementing regulations. Areas delineated as Priority Habitats can include wetlands, uplands, and marine habitats-in fact, over half of the total acreage of Priority Habitat is mapped for marine habitats of state-listed rare species. The Priority Habitats presented here are those published in the 13th Edition of the Massachusetts Natural Heritage Atlas, and are effective beginning October 1, 2008. If your project or activity falls within Priority Habitat and does not meet a MESA filing exemption (321 CMR 10.14), then you must file directly with the NHESP pursuant to MESA. For more information, please see the Regulatory Review section of the NHESP website. The Priority Habitats of Rare Species datalayer is stored in ArcSDE as PRIHAB_POLY. Occurrence records are continually being added, updated, deleted or otherwise modified in the NHESP database. These changes are incorporated into revisions to the Priority Habitats of Rare Species datalayer every two years and are displayed in the latest Natural Heritage Atlas. Questions about the creation of this datalayer should be directed to NHESP at 508-389-6375. For questions relating to the use of this datalayer in Environmental Review, please call 508-389-6380.

Credits

There are no credits for this item.

Use limitations

Priority Habitats should be displayed as follows: * At 1:25,000 scale or smaller (e.g. 1:35,000), as this is the scale at which the polygons were delineated. * Against MassGIS's 2005 Color Orthophotos as a reference layer. * Using the "NHESP Priority Habitats of Rare Species" legend, which MUST accompany this datalayer on ALL maps. * NOTE: the following 15 towns contain Priority Habitats that are less than 1 acre in size. To effectively display these small areas, the line thickness of the polygon may need to be increased: Barnstable, Boston, Dartmouth, Gosnold, Great Barrington, Mashpee, Nantucket, Plymouth, Provincetown, Royalston, Sandwich, Scituate, Sheffield, Wareham, West Tisbury

Extent

West -73.532929 East -69.830144

North 42.875356 South 41.214806

Scale Range

There is no scale range for this item.

ArcGIS Metadata

Topics and Keywords

* CONTENT TYPE Downloadable Data

Citation

* TITLE PRIHAB_POLY

PRESENTATION FORMATS * digital map

Resource Details

DATASET LANGUAGES * English

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows Server 2008 R2 Version 6.1 (Build 7601) Service Pack 1; ESRI ArcGIS 10.0.2.3200

CREDITS

ARCGIS ITEM PROPERTIES

- * NAME PRIHAB_POLY
- * SIZE 7.359
- * LOCATION
 - * ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

- * WEST LONGITUDE -73.532929
- * EAST LONGITUDE -69.830144
- * NORTH LATITUDE 42.875356
- * SOUTH LATITUDE 41.214806
- * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

- * WEST LONGITUDE 33861.261719
- * EAST LONGITUDE 336458.604667
- * SOUTH LATITUDE 775788.394894
- * NORTH LATITUDE 958303.771313
- * EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

Priority Habitats should be displayed as follows:

- * At 1:25,000 scale or smaller (e.g. 1:35,000), as this is the scale at which the polygons were delineated.
- * Against MassGIS's 2005 Color Orthophotos as a reference layer.
- * Using the "NHESP Priority Habitats of Rare Species" legend, which MUST accompany this datalayer on ALL maps.
- * NOTE: the following 15 towns contain Priority Habitats that are less than 1 acre in size. To effectively display these small areas, the line thickness of the polygon may need to be increased:

Barnstable, Boston, Dartmouth, Gosnold, Great Barrington, Mashpee, Nantucket, Plymouth, Provincetown, Royalston, Sandwich, Scituate, Sheffield, Wareham, West Tisbury

Spatial Reference

ARCGIS COORDINATE SYSTEM

- * TYPE Projected
- * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
- * PROJECTION NAD_1983_StatePlane_Massachusetts_Mainland_FIPS_2001
 - * COORDINATE REFERENCE DETAILS
 - PROJECTED COORDINATE SYSTEM
 - WELL-KNOWN IDENTIFIER 26986
 - X ORIGIN -36530900
 - Y ORIGIN -28803200
 - XY SCALE 122610652.81195112
 - Z ORIGIN -100000
 - Z SCALE 10000
 - M ORIGIN -100000
 - M SCALE 10000
 - XY TOLERANCE 0.001
 - Z TOLERANCE 0.001
 - M TOLERANCE 0.001
 - HIGH PRECISION true
 - WELL-KNOWN TEXT PROJCS
 - ["NAD_1983_StatePlane_Massachusetts_Mainland_FIPS_2001",GEOGCS
 - ["GCS_North_American_1983",DATUM["D_North_American_1983",SPHEROID
 - ["GRS_1980",6378137.0,298.257222101]],PRIMEM["Greenwich",0.0],UNIT
 - ["Degree",0.0174532925199433]],PROJECTION["Lambert_Conformal_Conic"],PARAMETER
 - ["False_Easting",200000.0],PARAMETER["False_Northing",750000.0],PARAMETER
 - ["Central_Meridian",-71.5],PARAMETER
 - ["Standard_Parallel_1",41.71666666666667],PARAMETER
 - ["Standard_Parallel_2",42.68333333333333],PARAMETER["Latitude_Of_Origin",41.0],UNIT
 - ["Meter",1.0],AUTHORITY["EPSG",26986]]

REFERENCE SYSTEM IDENTIFIER

- * VALUE 26986
- * CODESPACE EPSG
- * VERSION 7.4.1

Spatial Data Properties

VECTOR

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME GISDATA.PRIHAB_POLY_NEW

- * OBJECT TYPE compositegeoObjCnt
- * OBJECT COUNT 1532

ARCGIS FEATURE CLASS PROPERTIES

FEATURE CLASS NAME PRIHAB_POLY

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 1532
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Distribution

DISTRIBUTOR

AVAILABLE FORMAT

- * NAME SDE Feature Class

TRANSFER OPTIONS

ONLINE SOURCE

- * LOCATION
- * ACCESS PROTOCOL Local Area Network
- * DESCRIPTION Downloadable Data

DISTRIBUTION FORMAT

- * NAME Shapefile

TRANSFER OPTIONS

- * TRANSFER SIZE 7.359

Fields

DETAILS FOR OBJECT PRIHAB_POLY

- * TYPE Feature Class
- * ROW COUNT 1532

FIELD OBJECTID

- * ALIAS OBJECTID
- * DATA TYPE Double
- * WIDTH 10
- * PRECISION 10
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD FID

- * ALIAS FID
- * DATA TYPE OID
- * WIDTH 4
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.
- * DESCRIPTION SOURCE
ESRI
- * DESCRIPTION OF VALUES Sequential unique whole numbers that are automatically generated.

FIELD SHAPE

- * ALIAS Shape
- * DATA TYPE Geometry
- * WIDTH 0
- * PRECISION 0
- * SCALE 0
- * FIELD DESCRIPTION
Feature geometry.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Coordinates defining the features.

FIELD PRIHAB_ID

* ALIAS PRIHAB_ID
* DATA TYPE String
* WIDTH 16
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

A unique identifier for each polygon. This number may be used to identify a Priority Habitat polygon when contacting the NHESP.

DESCRIPTION SOURCE
NHESP

FIELD VERSION

* ALIAS VERSION
* DATA TYPE String
* WIDTH 200
* PRECISION 0
* SCALE 0

FIELD DESCRIPTION

Indicates the effective date of the Priority Habitat polygons, as well as the edition of the Natural Heritage Atlas in which they were presented.

DESCRIPTION SOURCE
NHESP

FIELD SHAPE_AREA

* ALIAS SHAPE_AREA
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0
* FIELD DESCRIPTION

Area of feature in internal units squared.

* DESCRIPTION SOURCE
ESRI

* DESCRIPTION OF VALUES Positive real numbers that are automatically generated.

FIELD SHAPE_LEN

* ALIAS SHAPE_LEN
* DATA TYPE Double
* WIDTH 19
* PRECISION 0
* SCALE 0

Metadata Details

* METADATA LANGUAGE English
* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset
SCOPE NAME * dataset

* LAST UPDATE 2011-09-21

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO

CREATED IN ARCGIS FOR THE ITEM 2008-09-24 12:31:26

LAST MODIFIED IN ARCGIS FOR THE ITEM 2011-09-21 08:36:30

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2011-09-21 08:36:30

Thumbnail and Enclosures

THUMBNAIL

THUMBNAIL TYPE BMP

FGDC Metadata (read-only)