

NHESP BioMap2 Core Habitat



Tags

BioMap2, Core Habitat, Massachusetts,
Regional Conservation Planning

Summary

BioMap2 Core Habitat was developed to identify lands important to the protection of: Habitats for rare, vulnerable, or uncommon vertebrate, invertebrate, and plants species; Priority natural communities; High-quality wetland, vernal pool, aquatic, and coastal habitats; and intact forest ecosystems.

Description

Core Habitat is critical to the long-term persistence of rare species and other Species of Conservation Concern, as well as a wide diversity of natural communities and intact ecosystems across the Commonwealth.

Credits

The BioMap2 data layers were produced by the Natural Heritage and Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries and Wildlife and the Massachusetts Program of The Nature Conservancy (TNC).

Use limitations

The legend that MUST accompany these datalayers on ALL maps is: "NHESP BioMap2"

Extent

West	-73.532886	East	-69.895677
North	42.874969	South	41.230250

Scale Range

There is no scale range for this item.

ArcGIS Metadata

Topics and Keywords

CONTENT TYPE Downloadable Data

Citation

TITLE BioMap2 Core Habitat

PRESENTATION FORMATS ★ digital map

Resource Details

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Microsoft Windows 7 Version 6.1 (Build 7600) ; ESRI ArcGIS 10.0.4.4000

CREDITS

The BioMap2 data layers were produced by the Natural Heritage and Endangered Species Program (NHESP) of the Massachusetts Division of Fisheries and Wildlife and the Massachusetts Program of The Nature Conservancy (TNC).

ARCGIS ITEM PROPERTIES

* NAME BM2_CORE_HABITAT

* SIZE 29.904

* LOCATION

* ACCESS PROTOCOL Local Area Network

Extents

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -73.532886

* EAST LONGITUDE -69.895677

* NORTH LATITUDE 42.874969

* SOUTH LATITUDE 41.230250

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 33863.744800

* EAST LONGITUDE 331102.879700

* SOUTH LATITUDE 777504.137800

* NORTH LATITUDE 958260.691200

* EXTENT CONTAINS THE RESOURCE Yes

Resource Constraints

CONSTRAINTS

LIMITATIONS OF USE

The legend that MUST accompany these datalayers on ALL maps is: "NHESP BioMap2"

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 BM2_CORE_HABITAT

- * OBJECT TYPE composite
- * OBJECT COUNT 3039

ARCGIS FEATURE CLASS PROPERTIES

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 3039
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Geoprocessing history

Distribution

DISTRIBUTOR

AVAILABLE FORMAT

- * NAME Shapefile

TRANSFER OPTIONS

- * TRANSFER SIZE 0.000

ONLINE SOURCE

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

DISTRIBUTION FORMAT

- * NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 29.904

Fields

DETAILS FOR OBJECT BM2_CORE_HABITAT

* TYPE Feature Class

* ROW COUNT 3039

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 CH_ID

* ALIAS CH_ID

* DATA TYPE Integer

* WIDTH 9

* PRECISION 9

* SCALE 0

FIELD DESCRIPTION

Unique ID assigned to each Core Habitat polygon.

FIELD Acres

* ALIAS ACRES

* DATA TYPE Double

* WIDTH 19

* PRECISION 18

* SCALE 8

FIELD DESCRIPTION

Acreage of each Core Habitat polygon

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

OVERVIEW DESCRIPTION

Metadata Details

* METADATA LANGUAGE English (UNITED STATES)

* METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

SCOPE OF THE DATA DESCRIBED BY THE METADATA * dataset

SCOPE NAME * dataset

* LAST UPDATE 2012-06-18

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO

STANDARD OR PROFILE USED TO EDIT METADATA FGDC

CREATED IN ARCGIS FOR THE ITEM 2010-09-30 20:41:45

LAST MODIFIED IN ARCGIS FOR THE ITEM 2012-06-18 13:00:42

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2012-06-18 13:00:42

Thumbnail and Enclosures

THUMBNAIL

THUMBNAIL TYPE JPG

FGDC Metadata(read-only)