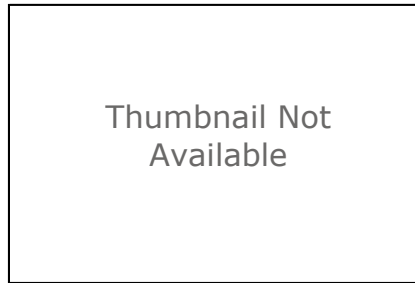


AOC_MI_DEERLAKE

Shapefile



Tags

Area of Concern, Great Lakes

Summary

The main use of the delineated AOC boundaries is for EPA and State governments to locate those sites listed on the National Priorities List or other sites that are in close proximity or may have contributed to the pollution within each AOC. These analyses are completed on a relatively small scale of the areas in and around each AOC. Attributes only include the AOC name and the predominant state in which the AOC is located. The boundaries should not be used for large scale, high resolution mapping analyses.

Description

In an effort to clean up the most polluted areas in the Great Lakes, the United States and Canada committed to working with State and Provincial governments to develop Remedial Action Plans for designated Areas of Concern (AOC) in the Great Lakes Basin. Currently there are 26 AOCs wholly within the United States and five that are shared by both the United States and Canada. This shapefile provides a polygon boundary for the Deer Lake Area of Concern in Michigan. In developing the polygon boundary, the description of each AOC provided by EPA was used as a starting point for collecting basemap information to aid in the delineation of each boundary. Using Digital Orthophotography, Digital Raster Graphics, and Geographic Information Systems (GIS) layers such as watersheds, and water bodies where available, each polygon was then digitized and reviewed by representatives of both EPA and the Michigan Department of Environmental Quality for agreement. Sources of digital information used in the development of the AOCs include the USGS, the Microsoft Corporation Terraserver (<http://terraserver.homeadvisor.msn.com/default.aspx>), and the Michigan Geographic Data Library at <http://www.state.mi.us/webapp/cgi/mgdl>.

Credits

There are no credits for this item.

Use limitations

Any hardcopies utilizing EPA data sets shall clearly indicate their source. The licensee specifically agrees not to misrepresent EPA data sets, nor to imply that changes they made were approved by EPA.

Extent

West -87.804871 **East** -87.380144
North 46.556820 **South** 46.447536

Scale Range

There is no scale range for this item.

ArcGIS Metadata ▶

Topics and Keywords ▶

* CONTENT TYPE Downloadable Data

[Hide Topics and Keywords ▲](#)

Citation ▶

* TITLE AOC_MI_DEERLAKE

PRESENTATION FORMATS * digital map

[Hide Citation ▲](#)

Resource Details ▶

DATASET LANGUAGES * English (UNITED STATES)

SPATIAL REPRESENTATION TYPE * vector

* PROCESSING ENVIRONMENT Version 6.2 (Build 9200) ; Esri ArcGIS 10.7.0.10450

CREDITS

ARCGIS ITEM PROPERTIES

* NAME AOC_MI_DEERLAKE

* SIZE 0.052

* LOCATION file:///F5160-78SW8C3-L\C\$\Users\justin.telech\OneDrive - GDIT\Documents\Legacy\aac boundary work\Deer Lake\AOC_MI_DEERLAKE.shp

* ACCESS PROTOCOL Local Area Network

[Hide Resource Details ▲](#)

Extents ▶

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching

* WEST LONGITUDE -87.804871

* EAST LONGITUDE -87.380144

* NORTH LATITUDE 46.556820

* SOUTH LATITUDE 46.447536

* EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE -87.804871

* EAST LONGITUDE -87.380144

* SOUTH LATITUDE 46.447536

* NORTH LATITUDE 46.556820

* EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE **Geographic**

* GEOGRAPHIC COORDINATE REFERENCE **GCS_North_American_1983**

* COORDINATE REFERENCE DETAILS

GEOGRAPHIC COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER **4269**

X ORIGIN **-400**

Y ORIGIN **-400**

XY SCALE **11258999068426.238**

Z ORIGIN **-100000**

Z SCALE **10000**

M ORIGIN **-100000**

M SCALE **10000**

XY TOLERANCE **8.9831528411952133e-09**

Z TOLERANCE **0.001**

M TOLERANCE **0.001**

HIGH PRECISION **true**

LEFT LONGITUDE **-180**

LATEST WELL-KNOWN IDENTIFIER **4269**

WELL-KNOWN TEXT **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],AUTHORITY["EPSG",4269]]**

REFERENCE SYSTEM IDENTIFIER

* VALUE **4269**

* CODESPACE **EPSG**

* VERSION **6.12(3.0.1)**

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

* LEVEL OF TOPOLOGY FOR THIS DATASET **geometry only**

GEOMETRIC OBJECTS

FEATURE CLASS NAME **AOC_MI_DEERLAKE**

* OBJECT TYPE **composite**

* OBJECT COUNT **2**

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME **AOC_MI_DEERLAKE**

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 2
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

Hide ArcGIS Feature Class Properties ▲

Hide Spatial Data Properties ▲

Distribution ►

DISTRIBUTOR ►

AVAILABLE FORMAT

- * NAME Shapefile

TRANSFER OPTIONS

- * TRANSFER SIZE 0.052

ONLINE SOURCE

- * LOCATION file:///\\nvfile1\cadd\cadd\g\1054\4100201004\shapestoglc081705\AOC_MI_DEERLAKE.shp
- * ACCESS PROTOCOL Local Area Network
- * DESCRIPTION Downloadable Data

Hide Distributor ▲

DISTRIBUTION FORMAT

- * NAME Shapefile

TRANSFER OPTIONS

- * TRANSFER SIZE 0.052

Hide Distribution ▲

Fields ►

DETAILS FOR OBJECT AOC_MI_DEERLAKE ►

- * TYPE Feature Class
- * ROW COUNT 2

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.

[Hide Field FID ▲](#)

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.

[Hide Field Shape ▲](#)

FIELD AOC ▶

- * ALIAS AOC
- * DATA TYPE String
- * WIDTH 50
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Name of the Area of Concern

- DESCRIPTION SOURCE
EPA Great Lakes National Program Office

[Hide Field AOC ▲](#)

FIELD STATE ▶

- * ALIAS STATE
- * DATA TYPE String
- * WIDTH 2
- * PRECISION 0
- * SCALE 0
- FIELD DESCRIPTION
Predominant State of the Area of Concern

- DESCRIPTION SOURCE
EPA Great Lakes National Program Office

[Hide Field STATE ▲](#)

[Hide Details for object AOC_MI_DEERLAKE ▲](#)

[Hide Fields ▲](#)

Metadata Details ►

- * METADATA LANGUAGE English (UNITED STATES)
- * METADATA CHARACTER SET 8859part1 - Latin alphabet No. 1

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

* LAST UPDATE 2021-11-09

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO

CREATED IN ARCGIS FOR THE ITEM 2003-08-04 12:18:51

LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-11-09 15:13:20

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes

LAST UPDATE 2021-11-09 15:13:20

[Hide Metadata Details ▲](#)

FGDC Metadata (read-only) ▼