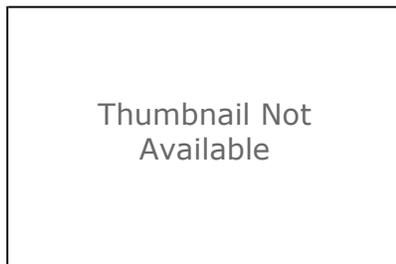


Rouge River AOC Boundary, U.S. EPA Great Lakes National Program Office

Shapefile



Tags

Michigan, Environment, Remediation, Area of Concern, Great Lakes, 020:057

Summary

The main use of the delineated AOC boundaries is for EPA and State governments to locate those sites listed on the U.S. Area of Concerns list in the Great Lakes Water Quality Agreement, 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 locations of features and boundaries shown on this map are approximate and are intended for planning and visualization purposes only. This is not intended for survey, statistical, engineering, or legal purposes.

Description

This geodatabase provides a watershed polygon, waterbodies polygon, and flowlines for the Rouge River AOC in Michigan. In general, the following steps were taken in developing the shapefile:

1. The previous AOC shapefile was obtained from EPA.
2. A narrative of the AOC was obtained from the State contact and/or taken from the AOC webpage (see narrative below).
3. Catchment, flowline, and waterbody data were obtained from NHD Plus v2.1.
4. A revised watershed was delineated using the data in Step 3.
5. Using the narrative as direction, the flowline and waterbody data were clipped using the watershed extent.

Narrative: EPA AOC Webpage, 7/8/20. "The boundaries should include the main branch of the Rouge River, Upper Rouge River, Middle Rouge River, and Lower Rouge River. Upland areas in the watershed are the source area and the AOC should be delineated as just the waterbodies within the watershed."

Representatives of both EPA and OEPA reviewed and approved the boundary.

Credits

Sources of digital information used in the development of the AOC include: NOAA (<https://www.ngs.noaa.gov/CUSP/>), ESRI World Imagery (http://goto.arcgisonline.com/maps/World_Imagery), Google Earth historic imagery (<https://www.google.com/earth/>), and EPA's NHDPlus Version 2.1 (<https://www.epa.gov/waterdata/get-nhdplus-national-hydrography-dataset-plus-data>).

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

There is no extent for this item.

Scale Range

Maximum (zoomed in) 1:5,000

Minimum (zoomed out) 1:50,000

ArcGIS Metadata ▶**Topics and Keywords ▶**

THEMES OR CATEGORIES OF THE RESOURCE inlandWaters, boundaries

CONTENT TYPE Downloadable Data

EXPORT TO FGDC CSDGM XML FORMAT AS RESOURCE DESCRIPTION No

PLACE KEYWORDS Michigan

THESAURUS'S LANGUAGE English (UNITED STATES)

THESAURUS ▶

TITLE EPA Place Names

PUBLICATION DATE 2015-01-31 00:00:00

RESOURCE LOCATION ONLINE

LOCATION

https://ofmpub.epa.gov/sor_internet/registry/termreg/searchandretrieve/taxonomies/search.do?search=&searchString=&taxonomyName=WB%20-%20Geographic%20Locations

NAME Web Taxonomy - Geographic Locations

FUNCTION PERFORMED information

Hide Thesaurus ▲

THEME KEYWORDS Environment, Remediation

THESAURUS ▶

TITLE EPA GIS Keyword Thesaurus

PUBLICATION DATE 2007-11-02 00:00:00

RESOURCE LOCATION ONLINE

LOCATION <https://www.epa.gov/geospatial/epa-metadata-technical-specification>

NAME EPA Metadata Technical Specification

FUNCTION PERFORMED information

Hide Thesaurus ▲

THEME KEYWORDS Area of Concern, Great Lakes

THESAURUS ▶

TITLE User

PUBLICATION DATE 2020-06-29 00:00:00

Hide Thesaurus ▲

THEME KEYWORDS 020:057

THESAURUS ▶

TITLE Federal Program Inventory
 PUBLICATION DATE 2013-09-16 00:00:00

RESOURCE LOCATION ONLINE

LOCATION <https://www.performance.gov/federalprograminventory>
 NAME Federal Program Inventory
 FUNCTION PERFORMED information

[Hide Thesaurus ▲](#)

[Hide Topics and Keywords ▲](#)

Citation ►

TITLE Rouge River AOC Boundary, U.S. EPA Great Lakes National Program Office
 PUBLICATION DATE 2020-09-17

PRESENTATION FORMATS digital map

[Hide Citation ▲](#)

Resource Details ►

DATASET LANGUAGES English
 DATASET CHARACTER SET utf8 - 8 bit UCS Transfer Format

SPATIAL REPRESENTATION TYPE vector

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

CREDITS

Sources of digital information used in the development of the AOC include: NOAA (<https://www.ngs.noaa.gov/CUSP/>), ESRI World Imagery (http://goto.arcgisonline.com/maps/World_Imagery), Google Earth historic imagery (<https://www.google.com/earth/>), and EPA's NHDPlus Version 2.1 (<https://www.epa.gov/waterdata/get-nhdplus-national-hydrography-dataset-plus-data>).

ARCGIS ITEM PROPERTIES

[Hide Resource Details ▲](#)

Extents ►

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

WEST LONGITUDE -80.817732

EAST LONGITUDE -80.770556

SOUTH LATITUDE 41.881631

NORTH LATITUDE 41.920023

EXTENT CONTAINS THE RESOURCE Yes

EXTENT

DESCRIPTION

The Rouge River AOC was designated an AOC in 1987.

TEMPORAL EXTENT

BEGINNING DATE 1987-01-01 00:00:00

ENDING DATE

INDETERMINATE DATE unknown

[Hide Extents ▲](#)

Resource Points of Contact ►

POINT OF CONTACT

INDIVIDUAL'S NAME Mark Loomis
 ORGANIZATION'S NAME U.S. Environmental Protection Agency Great Lakes National Program Office
 CONTACT'S POSITION Federal AOC Taskforce Lead
 CONTACT'S ROLE publisher

CONTACT INFORMATION ►

ADDRESS

TYPE

DELIVERY POINT 77 W. Jackson Blvd G-17J

CITY Chicago

ADMINISTRATIVE AREA IL

POSTAL CODE 60604

COUNTRY US

E-MAIL ADDRESS Loomis.Mark@Epa.gov

[Hide Contact information ▲](#)

[Hide Resource Points of Contact ▲](#)

Resource Maintenance ►

RESOURCE MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Resource Maintenance ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

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.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

REFERENCE SYSTEM IDENTIFIER

DIMENSION horizontal

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

OBJECT TYPE composite
OBJECT COUNT 1

[Hide Vector ▲](#)

[Hide Spatial Data Properties ▲](#)

Data Quality ►

SCOPE OF QUALITY INFORMATION ►
RESOURCE LEVEL dataset

[Hide Scope of quality information ▲](#)

[Hide Data Quality ▲](#)

Lineage ►

LINEAGE STATEMENT

This geodatabase supersedes the previous shapefile, AOC_MI_ROUGE.shp

[Hide Lineage ▲](#)

Distribution ►

DISTRIBUTION FORMAT
NAME Shapefile
VERSION 2020

TRANSFER OPTIONS
TRANSFER SIZE 0.012

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT [AOC_MI_Rouge_2020 ►](#)

TYPE Feature Class

ROW COUNT 3

DEFINITION

The AOC extent and other possible applicable areas

DEFINITION SOURCE

U.S. EPA Great Lakes National Program Office

FIELD Name ►

ALIAS Name

DATA TYPE String

WIDTH 50

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Feature Name

DESCRIPTION SOURCE

U.S. EPA Great Lakes National Program Office

LIST OF VALUES

VALUE AOC Name

DESCRIPTION The AOC name is the official name given by the U.S. EPA Great Lakes National

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. EPA Great Lakes National Program Office

[Hide Field Name ▲](#)

FIELD State ►

ALIAS State

DATA TYPE String

WIDTH 2

PRECISION 0

SCALE 0

FIELD DESCRIPTION

Location of feature as 2-character state code

DESCRIPTION SOURCE

Location of feature as 2-character state code

LIST OF VALUES

VALUE 2-character state code

DESCRIPTION State postal code

ENUMERATED DOMAIN VALUE DEFINITION SOURCE U.S. EPA Great Lakes National Program Office

[Hide Field State ▲](#)[Hide Details for object AOC_MI_Rouge_2020 ▲](#)[Hide Fields ▲](#)**Metadata Details ►**

METADATA LANGUAGE English (UNITED STATES)

METADATA CHARACTER SET utf8 - 8 bit UCS Transfer Format

METADATA IDENTIFIER E684F785-3782-4FA4-A450-74A262230F6D

SCOPE OF THE DATA DESCRIBED BY THE METADATA dataset

LAST UPDATE 2020-10-06

ARCGIS METADATA PROPERTIES

METADATA FORMAT ArcGIS 1.0

METADATA STYLE EPA Metadata Specification NAP ISO19115 2003

STANDARD OR PROFILE USED TO EDIT METADATA NAP

CREATED IN ARCGIS FOR THE ITEM 2020-09-30 17:04:14

LAST MODIFIED IN ARCGIS FOR THE ITEM 2020-10-06 17:42:15

AUTOMATIC UPDATES

HAVE BEEN PERFORMED No

[Hide Metadata Details ▲](#)**Metadata Contacts ►**

METADATA CONTACT

INDIVIDUAL'S NAME Justin Telech
ORGANIZATION'S NAME GDIT
CONTACT'S POSITION Environmental Scientist
CONTACT'S ROLE author

CONTACT INFORMATION ▶

ADDRESS

DELIVERY POINT 79 TW Alexander Drive
CITY Research Triangle Park
ADMINISTRATIVE AREA NC
POSTAL CODE 27709
COUNTRY US
E-MAIL ADDRESS justin.telech@gdit.com

[Hide Contact information ▲](#)

[Hide Metadata Contacts ▲](#)

Metadata Maintenance ▶

MAINTENANCE

UPDATE FREQUENCY as needed

[Hide Metadata Maintenance ▲](#)

FGDC Metadata (read-only) ▼