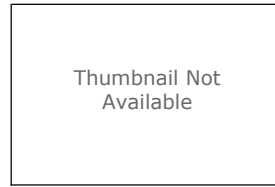


MaumeeAOC2010_APPROVED

Shapefile



Tags

Maumee AOC

Summary

align with watersheds, Approved July 2010

Description

Revised Maumee AOC boundary based on revised HUC 10 boundaries, including headwaters, excluding Ohio Political Boundaries

<http://www.epa.gov/greatlakes/aoc/maumee/MaumeeAOC-BoundaryChangeItr.pdf>

The Ohio Environmental Protection Agency, in conjunction with the Partners for Clean Streams (Maumee RAP Advisory Committee), respectfully request a realignment and minor expansion to the Maumee Area of Concern. This request for realignment of the Maumee Area of Concern is being made primarily due to Ohio EPA's change from using HUC 11/14 to HUC 10/12 to delineate areas for its sampling, TMDLs, and watershed management programs. With this change, the current Maumee AOC boundary no longer lines up with the watershed boundaries. This is most evident in the headwaters of the Toussaint River (southern portion of the AOC near Bowling Green).

Along with the realignment, it is also being requested that the western border of the Maumee AOC be expanded to align with the headwaters of the Swan Creek and Ottawa River watersheds; rather than by the political county boundaries as originally defined. The *DRAFT - Maumee AOC Stage 2 Watershed Restoration Plan (2006)* already includes these areas since it was the logical approach to restoration and improvement of these waterways. The proposed western border change will simply make it official, and much easier for mapping and data management purposes.

Realigning the Maumee AOC to the HUC 10/12 boundaries and including the headwaters does NOT change the number of Beneficial Use Impairments, nor does it add any known Great Lakes Legacy Act eligible sites. The majority of the area being added is rural, agricultural lands.

The Maumee AOC was originally identified in the *Maumee Area of Concern Stage 1 Report (1990)* as the area extending from the Bowling Green water intake near Waterville along the Maumee River at river mile 22.8 downstream to Maumee Bay. The area included direct drainage into the waters that are within Lucas, Ottawa, and Wood counties. This includes Swan Creek, Ottawa River (Ten Mile Creek), Duck Creek, Otter Creek, Cedar Creek, Grassy Creek, and Crane Creek. In 1992, this area was extended to the east to include Turtle Creek, Packer Creek, and the Toussaint River. In 2009, in accordance with the US EPA Great Lakes National Program Office efforts to map each AOC, the Maumee AOC map was modified to include Maumee Bay. Although this area had always been a part of the AOC, the focus of efforts had been on the river systems; noting that improvements to the rivers and streams would benefit the Bay

Credits

GIS revision by Matt Horvat, Maumee River Coordinator, Toledo Metropolitan Area Council of Governments
horvat@tmacog.org 419-241-9155

Use limitations

REQUIRED: Restrictions and legal prerequisites for using the data set after access is granted.

Extent

West -84.073567 **East** -83.057225
North 41.735956 **South** 41.359786

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 MaumeeAOC2010_APPROVED

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

GIS revision by Matt Horvat, Maumee River Coordinator, Toledo Metropolitan Area Council of Governments
horvat@tmacog.org 419-241-9155

ARCGIS ITEM PROPERTIES

* NAME MaumeeAOC2010_APPROVED

* SIZE 0.091

* LOCATION file:///F:\F4040-DK8QYM2-L\C\$\Users\Justin.Telech\Documents\Legacy\aac boundary work\Maumee\MaumeeAOC2010_APPROVED.shp

* ACCESS PROTOCOL Local Area Network

Hide Resource Details ▲

Extents ▶

EXTENT

GEOGRAPHIC EXTENT

BOUNDING RECTANGLE

EXTENT TYPE Extent used for searching
 * WEST LONGITUDE -84.073567
 * EAST LONGITUDE -83.057225
 * NORTH LATITUDE 41.735956
 * SOUTH LATITUDE 41.359786
 * EXTENT CONTAINS THE RESOURCE Yes

EXTENT IN THE ITEM'S COORDINATE SYSTEM

* WEST LONGITUDE 1538969.210903
 * EAST LONGITUDE 1815556.513797
 * SOUTH LATITUDE 620701.601183
 * NORTH LATITUDE 754406.562368
 * EXTENT CONTAINS THE RESOURCE Yes

[Hide Extents ▲](#)

Resource Constraints ►

CONSTRAINTS

LIMITATIONS OF USE

REQUIRED: Restrictions and legal prerequisites for using the data set after access is granted.

[Hide Resource Constraints ▲](#)

Spatial Reference ►

ARCGIS COORDINATE SYSTEM

* TYPE Projected
 * GEOGRAPHIC COORDINATE REFERENCE GCS_North_American_1983
 * PROJECTION NAD_1983_StatePlane_Ohio_North_FIPS_3401_Feet
 * COORDINATE REFERENCE DETAILS

PROJECTED COORDINATE SYSTEM

WELL-KNOWN IDENTIFIER 102722
 X ORIGIN -118963900
 Y ORIGIN -96373800
 XY SCALE 37240637.144144125
 Z ORIGIN -100000
 Z SCALE 10000
 M ORIGIN -100000
 M SCALE 10000
 XY TOLERANCE 0.0032808333333333331
 Z TOLERANCE 0.001
 M TOLERANCE 0.001
 HIGH PRECISION true
 LATEST WELL-KNOWN IDENTIFIER 3734
 WELL-KNOWN TEXT PROJCS
 ["NAD_1983_StatePlane_Ohio_North_FIPS_3401_Feet",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",1968500.0],PARAMETER
 ["False_Northing",0.0],PARAMETER["Central_Meridian",-82.5],PARAMETER

```
["Standard_Parallel_1",40.43333333333333],PARAMETER
["Standard_Parallel_2",41.7],PARAMETER
["Latitude_Of_Origin",39.66666666666666],UNIT
["Foot_US",0.3048006096012192],AUTHORITY["EPSG",3734]]
```

REFERENCE SYSTEM IDENTIFIER

- * VALUE 3734
- * CODESPACE EPSG
- * VERSION 6.13(9.3.0.0)

[Hide Spatial Reference ▲](#)

Spatial Data Properties ►

VECTOR ►

- * LEVEL OF TOPOLOGY FOR THIS DATASET geometry only

GEOMETRIC OBJECTS

FEATURE CLASS NAME MaumeeAOC2010_APPROVED

- * OBJECT TYPE composite
- * OBJECT COUNT 1

[Hide Vector ▲](#)

ARCGIS FEATURE CLASS PROPERTIES ►

FEATURE CLASS NAME MaumeeAOC2010_APPROVED

- * FEATURE TYPE Simple
- * GEOMETRY TYPE Polygon
- * HAS TOPOLOGY FALSE
- * FEATURE COUNT 1
- * SPATIAL INDEX TRUE
- * LINEAR REFERENCING FALSE

[Hide ArcGIS Feature Class Properties ▲](#)

[Hide Spatial Data Properties ▲](#)

Geoprocessing history ►

PROCESS

PROCESS NAME Create Feature Class
 DATE 2008-03-20 09:06:17
 TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\CreateFeatureclass

COMMAND ISSUED

```
CreateFeatureclass C:\wbd\oh\oh_final_wbd\oh_final_wbd.mdb\oh_final
HU12_polygon # polygon2_Layer SAME_AS_TEMPLATE SAME_AS_TEMPLATE "PROJCS
['NAD_1983_UTM_Zone_17N',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
['Transverse_Mercator'],PARAMETER['False_Easting',500000.0],PARAMETER
['False_Northing',0.0],PARAMETER['Central_Meridian',-81.0],PARAMETER
['Scale_Factor',0.9996],PARAMETER['Latitude_Of_Origin',0.0],UNIT
```

```
['Meter',1.0]];-744342.502286848 3350006.7162116 976.562499090505;0
100000;0 100000" # 0 0 0
C:\wbd\oh\oh_final_wbd\oh_final_wbd.mdb\oh_final\HU12_polygon
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No
```

PROCESS

```
PROCESS NAME Append
DATE 2008-03-20 09:06:25
TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management
Tools.tbx\Append
COMMAND ISSUED
Append polygon2_Layer
C:\wbd\oh\oh_final_wbd\oh_final_wbd.mdb\oh_final\HU12_polygon TEST
C:\wbd\oh\oh_final_wbd\oh_final_wbd.mdb\oh_final\HU12_polygon
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No
```

PROCESS

```
PROCESS NAME FeatureClassToFeatureClass_1
DATE 2008-03-20 09:06:26
TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion
Tools.tbx\FeatureClassToFeatureClass
COMMAND ISSUED
FeatureClassToFeatureClass C:\wbd\oh\MasterFolder2\polygon2.shp
C:\wbd\oh\oh_final_wbd\oh_final_wbd.mdb\oh_final HU12_polygon # "OBJECTID
OBJECTID VISIBLE;AREA AREA VISIBLE;HUC_8 HUC_8 VISIBLE;HUC_10 HUC_10
VISIBLE;HUC_12 HUC_12 VISIBLE;ACRES ACRES VISIBLE;STATES STATES
VISIBLE;NCONTRB_A NCONTRB_A VISIBLE;HU_10_DS HU_10_DS VISIBLE;HU_10_NAME
HU_10_NAME VISIBLE;HU_10_MOD HU_10_MOD VISIBLE;HU_10_TYPE HU_10_TYPE
VISIBLE;HU_12_DS HU_12_DS VISIBLE;HU_12_NAME HU_12_NAME VISIBLE;HU_12_MOD
HU_12_MOD VISIBLE;HU_12_TYPE HU_12_TYPE VISIBLE;HU_10_GNIS HU_10_GNIS
VISIBLE;HU_12_GNIS HU_12_GNIS VISIBLE;NARRATIVE2 NARRATIVE2
VISIBLE;TMP_FLAG TMP_FLAG VISIBLE;H10_RECODE H10_RECODE
VISIBLE;H12_RECODE H12_RECODE VISIBLE;AGGREGATED AGGREGATED
VISIBLE;AGG_REF AGG_REF VISIBLE;CHANGE14 CHANGE14 VISIBLE;SHAPE LENG
SHAPE LENG VISIBLE;SHAPE_LE_1 SHAPE_LE_1 VISIBLE;Shape_Le_2 Shape_Le_2
VISIBLE;Shape_Area Shape_Area VISIBLE" SAME_AS_TEMPLATE SAME_AS_TEMPLATE
# 0 C:\wbd\oh\oh_final_wbd\oh_final_wbd.mdb\oh_final\HU12_polygon
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No
```

PROCESS

```
PROCESS NAME FeatureClassToFeatureClass_6
DATE 2008-11-04 16:53:30
TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Conversion
Tools.tbx\FeatureClassToFeatureClass
COMMAND ISSUED
FeatureClassToFeatureClass "C:\Documents and
Settings\MFancher\Desktop\oh_huc12-3\OH_huc12.shp"
C:\gis\data\base_features.gdb watershed_hu12 # "HUC_8 HUC_8 true false
false 8 Text 0 0 ,First,#,C:\Documents and
Settings\MFancher\Desktop\oh_huc12-3\OH_huc12.shp,HUC_8,-1,-1;HUC_10
HUC_10 true false false 10 Text 0 0 ,First,#,C:\Documents and
Settings\MFancher\Desktop\oh_huc12-3\OH_huc12.shp,HUC_10,-1,-1;HUC_12
HUC_12 true false false 12 Text 0 0 ,First,#,C:\Documents and
Settings\MFancher\Desktop\oh_huc12-3\OH_huc12.shp,HUC_12,-1,-1;STATES
STATES true false false 11 Text 0 0 ,First,#,C:\Documents and
Settings\MFancher\Desktop\oh_huc12-3\OH_huc12.shp,STATES,-1,-1;HU_10_NAME
```

```

HU_10_NAME true false false 80 Text 0 0 ,First,#,C:\Documents and
Settings\MFancher\Desktop\oh_huc12-3\OH_huc12.shp,HU_10_NAME,-1,-
1;HU_12_NAME HU_12_NAME true false false 80 Text 0
0 ,First,#,C:\Documents and Settings\MFancher\Desktop\oh_huc12-3
\OH_huc12.shp,HU_12_NAME,-1,-1;NARRATIVE2 NARRATIVE2 true false 254
Text 0 0 ,First,#,C:\Documents and Settings\MFancher\Desktop\oh_huc12-3
\OH_huc12.shp,NARRATIVE2,-1,-1;CHANGE14 CHANGE14 true false 20 Text
0 0 ,First,#,C:\Documents and Settings\MFancher\Desktop\oh_huc12-3
\OH_huc12.shp,CHANGE14,-1,-1;Shape_Leng Shape_Leng true false false 19
Double 0 0 ,First,#,C:\Documents and Settings\MFancher\Desktop\oh_huc12-3
\OH_huc12.shp,Shape_Leng,-1,-1;Shape_Area Shape_Area true false false 19
Double 0 0 ,First,#,C:\Documents and Settings\MFancher\Desktop\oh_huc12-3
\OH_huc12.shp,Shape_Area,-1,-1" #
C:\gis\data\base_features.gdb\watershed_hu12

```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME Dissolve_1

DATE 2008-11-14 09:38:16

TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Dissolve

COMMAND ISSUED

```

Dissolve "C:\gis\layers\Natural Features\Watersheds\Sub-Watersheds (12-
Digit HUs).lyr" C:\gis\data\base_features.gdb\watershed_hu10
HUC_10;HU_10_NAME # MULTI_PART

```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2010-02-05 11:55:10

TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Dissolve

COMMAND ISSUED

```

Dissolve Export_Output "C:\Documents and
Settings\horvatm\Desktop\Export_Output_Dissolve1.shp" OBJECTID #
MULTI_PART DISSOLVE_LINES

```

INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

PROCESS

PROCESS NAME

DATE 2010-03-05 09:47:45

TOOL LOCATION C:\Program Files\ArcGIS\ArcToolbox\Toolboxes\Data Management Tools.tbx\Project

COMMAND ISSUED

```

Project "Maumee AOC 2010"
"M:\GISshapefiles\AOC's\MaumeeAOC2010_Project.shp" PROJCS
['NAD_1983_StatePlane_Ohio_North_FIPS_3401_Feet',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',1968500.0],PARAMETER['False_Northing',0.0],PARAMETER
['Central_Meridian',-82.5],PARAMETER
['Standard_Parallel_1',40.43333333333333],PARAMETER
['Standard_Parallel_2',41.7],PARAMETER
['Latitude_Of_Origin',39.66666666666666],UNIT

```

```

['Foot_US',0.3048006096012192]] # PROJCS
['NAD_1983_StatePlane_Ohio_South_FIPS_3402_Feet',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',1968500.0],PARAMETER['False_Northing',0.0],PARAMETER
['Central_Meridian',-82.5],PARAMETER
['Standard_Parallel_1',38.73333333333333],PARAMETER
['Standard_Parallel_2',40.03333333333333],PARAMETER
['Latitude_Of_Origin',38.0],UNIT['Foot_US',0.3048006096012192]]
INCLUDE IN LINEAGE WHEN EXPORTING METADATA No

```

[Hide Geoprocessing history ▲](#)

Distribution ►

DISTRIBUTOR ►

AVAILABLE FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.091

ONLINE SOURCE

* LOCATION file://

\\Dellserver\users\horvatm\GISshapefiles\AOC's\MaumeeAOC2010.shp

* ACCESS PROTOCOL Local Area Network

* DESCRIPTION Downloadable Data

[Hide Distributor ▲](#)

DISTRIBUTION FORMAT

* NAME Shapefile

TRANSFER OPTIONS

* TRANSFER SIZE 0.091

[Hide Distribution ▲](#)

Fields ►

DETAILS FOR OBJECT MaumeeAOC2010_APPROVED ►

* TYPE Feature Class

* ROW COUNT 1

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 OBJECTID ►

- * ALIAS OBJECTID
- * DATA TYPE Integer
- * WIDTH 9
- * PRECISION 9
- * SCALE 0
- * FIELD DESCRIPTION
Internal feature number.

- * DESCRIPTION SOURCE
ESRI

- * DESCRIPTION OF VALUES
Sequential unique whole numbers that are automatically generated.

Hide Field OBJECTID ▲

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 Perimeter ►

- * ALIAS Perimeter

- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

Hide Field Perimeter ▲

FIELD Area ►

- * ALIAS Area
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

Hide Field Area ▲

FIELD Acres ►

- * ALIAS Acres
- * DATA TYPE Double
- * WIDTH 19
- * PRECISION 0
- * SCALE 0

Hide Field Acres ▲

Hide Details for object MaumeeAOC2010_APPROVED ▲

Hide Fields ▲

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 2021-01-19

ARCGIS METADATA PROPERTIES

METADATA FORMAT ESRI-ISO
STANDARD OR PROFILE USED TO EDIT METADATA ItemDescription

CREATED IN ARCGIS FOR THE ITEM 2010-03-05 09:47:45
LAST MODIFIED IN ARCGIS FOR THE ITEM 2021-01-19 14:03:58

AUTOMATIC UPDATES

HAVE BEEN PERFORMED Yes
LAST UPDATE 2021-01-19 14:03:58

ITEM LOCATION HISTORY

ITEM COPIED OR MOVED 2013-04-12 17:44:32

FROM C:\EPAWork\GIS\AOCs\MaumeeAOC2010_APPROVED

TO

\\L0505ATODONNEL\C\EPAWork\GIS\AOCs\Maumee\MaumeeAOC2010_APPROVED

[Hide Metadata Details ▲](#)

FGDC Metadata (read-only) ▼