

# Hydrography Polygon Layer

## Michigan Geographic Framework

### Field Definitions

(Shapefile Attribute Table)  
(June 1, 2014 – Version 14a)

The following field definitions make up the shapefile attribute table called Hydrography Polygons. This shapefile consists of polygons that represent Michigan Hydrography. This Hydrography Polygons layer will be useful for Individuals desiring to create large scale maps. Data was acquired from USGS DRGs and Geographic Names Information System (GNIS), and Michigan Lakes and Ponds by C.R. Humphries, a printed inventory of lakes.

The attribute table can be found in the file LakePoly\_999v14a.DBF where 999 equals the FIPS county number contained in the file. The FIPS county numbering system uses odd numbers only. The numbers are assigned in alphabetical order. For example, county 001 is Alcona and county 165 is Wexford.

**Please Note:** If you have any questions about the framework data you have received, please contact Josh Ross at the Center for Shared Solutions and Technology Partnerships. Phone: 517-373-7910, email: [rossj@michigan.gov](mailto:rossj@michigan.gov)

Field Name	Type	Size	Description	Comments
NAME	C	30	Feature Name	The name assigned to the polygon.
NAME2	C	30	Secondary Feature Name	Alternate name assigned to the polygon.
ELEV	C	6	Elevation of Water Surface Above Sea Level	Only present for lakes with names from GNIS.
NAME_SRC	C	5	Feature Name Source FW - Michigan Geographic Framework GNIS – Geographic Names Information System DRG – Digital Raster Graphics HUM - Humphries	Acronym denoting the source of the name assigned to the polygon.
NAME2_SRC	C	5	Secondary Feature Name Source Same as above	Alternate name source acronym assigned to the arc.
TYPE	C	5	Feature Type	General Classification of the feature based on the FCC code from the MGF.
SQKM	N	16,3	Area in Square Kilometers	The values in these three area fields are calculated from the square meter area field in the ArcInfo Polygon Attribute Table (PAT).
SQMILES	N	16,3	Area in Square Miles	
ACRES	N	16,3	Area in Acres	

VER	C	3	Michigan Geographic Framework Version	This field will be filled with the current MGF version number. Users of the MGF will be able to determine the version of Framework they are working with by a query of the VER field. However, this field was added for version 3a. Previous versions of Framework do not have this field
COUNTY	C	3	3 Digit County Number	This is a FIPS county number.

**Type:** C Character  
N Numeric