Wetlands Mobile & NWI – Version 2

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Wetlands Mapper – Flex Viewer
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- Over 20 million polygons
- ~1,000 unique users /day
- ~500 maps downloaded /day
- ~100 data downloads /day
- States and watersheds
Wetlands Mapper – Flex Viewer

NO ACCESS FOR:

• Mobile Devices
• Apple Devices
• Flex (Flash) is not supported
Wetlands Mapper – HTML5/Java
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- Same functionality
  - Navigate, Identify, Print, Download
- Allows for use in Field
- Leverages GPS functionality
Wetlands Mapper – HTML5/Java
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NWI – Version 2
NWI – Version 2: What

- Provides more inclusive geospatial data of all wetlands and surface water features.

- NWI – V2 is mostly a ‘derived’ dataset that depicts all surface water and wetland features in a single feature class.
  - Retains the wetland and deepwater polygons from NWI.
  - Reintroduces linear wetland features orphaned from original NWI hardcopy maps by converting them to narrow polygonal features.
  - Supplements the dataset with buffered hydrographic linear data that were missed by NWI mapping or to complete segmented connections.
  - Applies the Cowardin classification system to provide consistent ecological descriptors (2nd Edition, 2013).
National Wetlands Inventory
Version 2

ESRI Data Model
481 logical and topological processes

NWI - Version 2
- Surface Water
- Wetland

National Wetlands Inventory
polygon features

National Wetlands Inventory
linear features

Hydrography
linear features
NWI V2 – Wetlands Mapper

- Same functionality as original Wetlands Mapper
- HTML 5 Platform
  - Allows for access by mobile devices
- ‘Jump To’ functionality to toggle between NWI V1 and V2 mappers/datasets
- Access to over 32 million surface water and wetland polygons
- Release planned for May

http://www.fws.gov/wetlands/Data/Wetlands-V2-Product-Summary.html
National Wetlands Inventory Version 2

http://www.aswm.org/wetland-science/wetlands-one-stop-mapping/wetland-mapping-consortium

National Wetlands Inventory Version 2 – Surface Waters and Wetlands
Wednesday, March 30, 2016 - 4:30 p.m.-5:00 p.m. ET

View Webinar

PRESENTER
Mitch Bergeson, U.S. Fish & Wildlife Service
2nd Edition of Classification of Wetlands and Deepwater Habitats of the United States – August 2013

Data Collection Requirements and Procedures for Mapping Wetland, Deepwater and Related Habitats of the United States (version 2) - August 2015
  • NWI Map Code Diagram
  • NWI Water Regime Restriction Table

U.S. FWS Wetlands email List-serve

New Wetlands Data Verification Toolset – Arc 10.3.1

Improved Wetland Code Interpreter

FWS Wetlands Reports geospatially linked
  • All Wetland Reports have geographical footprint
  • Discoverable via the Wetlands Mapper

Wetlands Status and Trends of the Conterminous U.S.
  • 2009 – 2019
  • Data collection starts 2017
  • Report published 2020