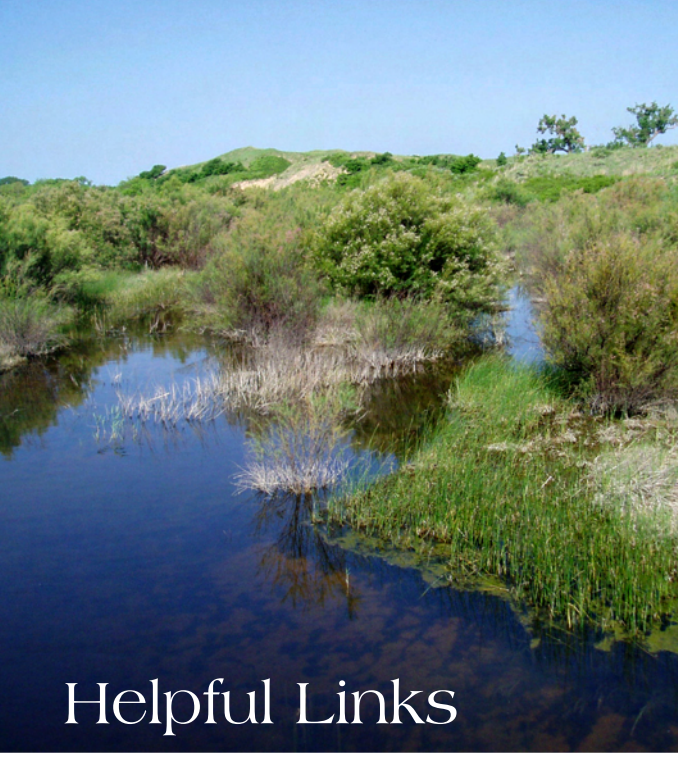


Helpful Links

Oklahoma Wetlands Map Viewer
http://www.owrb.ok.gov/WIMS

Oklahoma Water Resources Board Home
www.owrb.ok.gov/

OWRB NWI Mapping Project Page
www.owrb.ok.gov/learn/wetlands/NWImaps.php

Oklahoma Conservation Commission Home
www.ok.gov/conservation/

OCC Wetlands Home
www.ok.gov/conservation/Wetlands/index.html

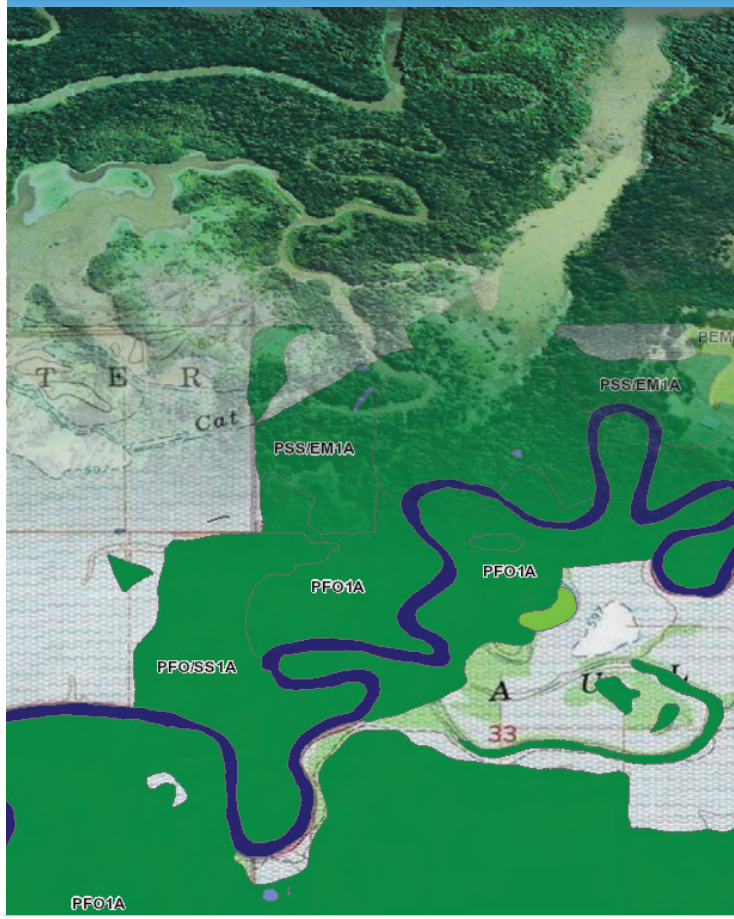
U.S. Fish & Wildlife Service
National Wetlands Inventory Home
www.fws.gov/wetlands/

EPA Wetlands Home
http://water.epa.gov/type/wetlands/

OKLAHOMA
Wetlands
Viewer

OKLAHOMA

Wetlands Viewer



OWRB the water agency
OKLAHOMA CONSERVATION COMMISSION
EPA

OKLAHOMA

Wetlands Viewer

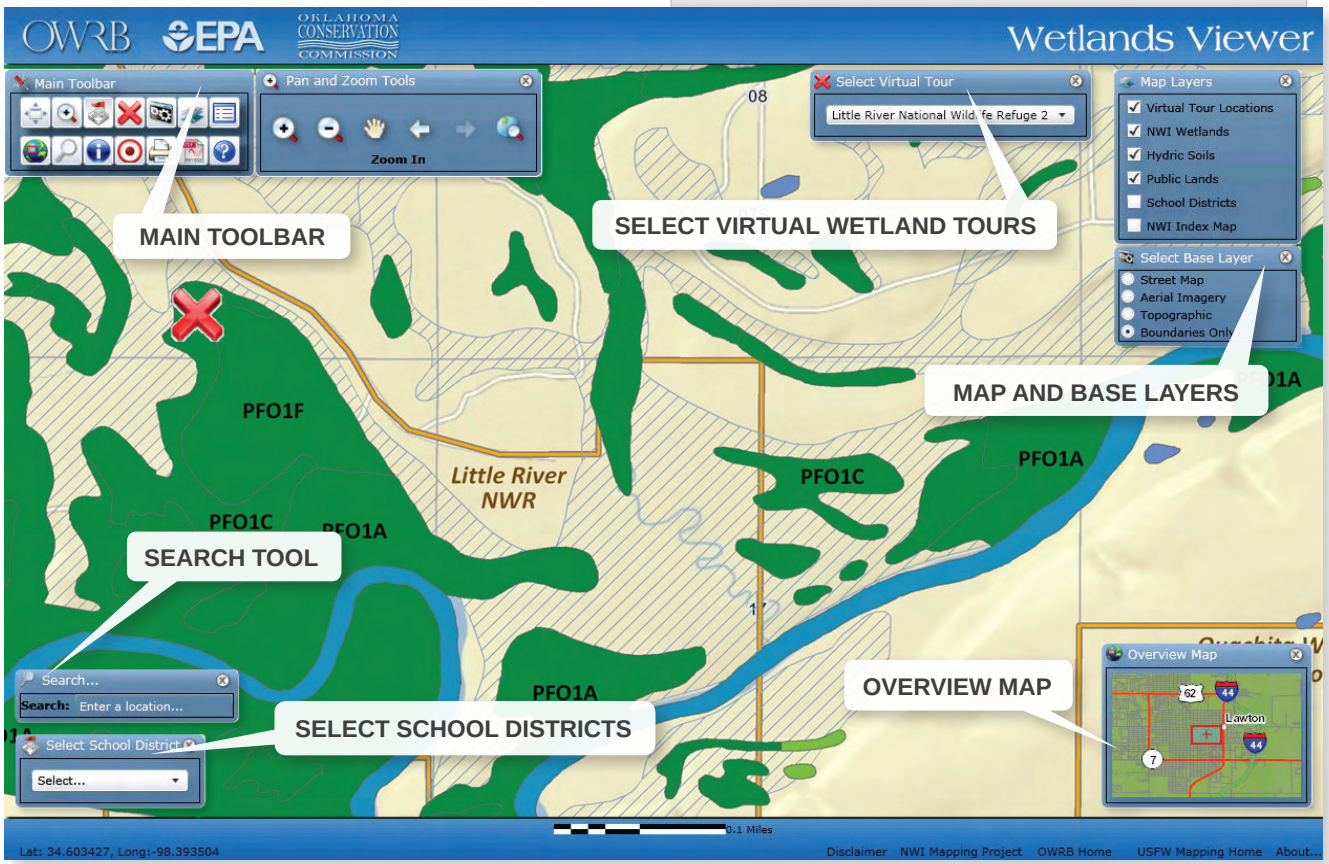
OKLAHOMA'S WETLANDS ARE A VITAL NATURAL RESOURCE.

If properly maintained and managed, they can provide countless benefits to both the public and environment. In a cooperative effort to preserve this valuable resource, guide land use, and educate the public on the importance of the state's wetlands areas, the Oklahoma Conservation Commission (OCC), Oklahoma Water Resources Board (OWRB), and Oklahoma State University (OSU) have partnered to digitize existing National Wetland Inventory (NWI) maps and from that data develop a user-friendly mapping tool.

The Oklahoma Wetlands Viewer, is now available for use at www.owrb.ok.gov/WIMS. It was developed by the OWRB and OCC and funded by the U.S. Environmental Protection Agency (EPA). The viewer, designed to aid both citizens and environmental professionals, offers many useful features, including several basic map layers important to wetland analysis. The NWI Wetland Areas, NWI Index Maps, and Virtual Wetland Tour Locations help the user identify existing wetlands. Other associated layers include hydric soils, aerial photography, and topographic maps. School districts and public lands were included to help users locate wetlands that are publicly accessible and close to home.

The digital NWI maps depict original delineated wetland areas. Created by the U.S. Fish and Wildlife Service in the early 1980s, NWI maps were developed utilizing extensive aerial photography and they are based upon the 1:24000 (7.5 minute) scale. While providing a useful starting part in determining the presence or absence of wetlands on a particular tract of land, an on-site investigation is recommended prior to land disturbance activities. For more information on Oklahoma's wetlands, visit www.ok.gov/conservation/Wetlands/index.html.

For more information about additional features and how to navigate the map viewer, click on the help button located on the main toolbar.



Features

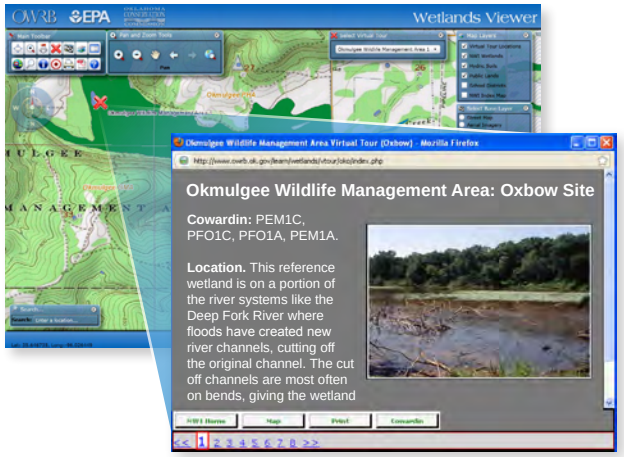
The Wetlands Viewer has several methods available to search for and identify map features. The examples below highlight some of these features.

SELECT SCHOOL DISTRICT TOOL:
The user can select a school district from a list and the map will zoom to the district.

BUFFER TOOL:
The Buffer Selection Tool can be used to select wetland polygons within a user defined distance from a selected point on the map.

IDENTIFY TOOL:
The Identify Tool allows the user to view additional information about the selected feature.

SEARCH TOOL:
The search tool allows users to type in a place name or feature and the map will zoom to that feature.



THE WETLANDS VIRTUAL TOUR APPLICATION
displays representative characteristics of the wetland type. These characteristics include; a general description of the site, wetland functions, vegetative community, hydrology, hydrologic indicators, soils, and wetland dependant wildlife species.