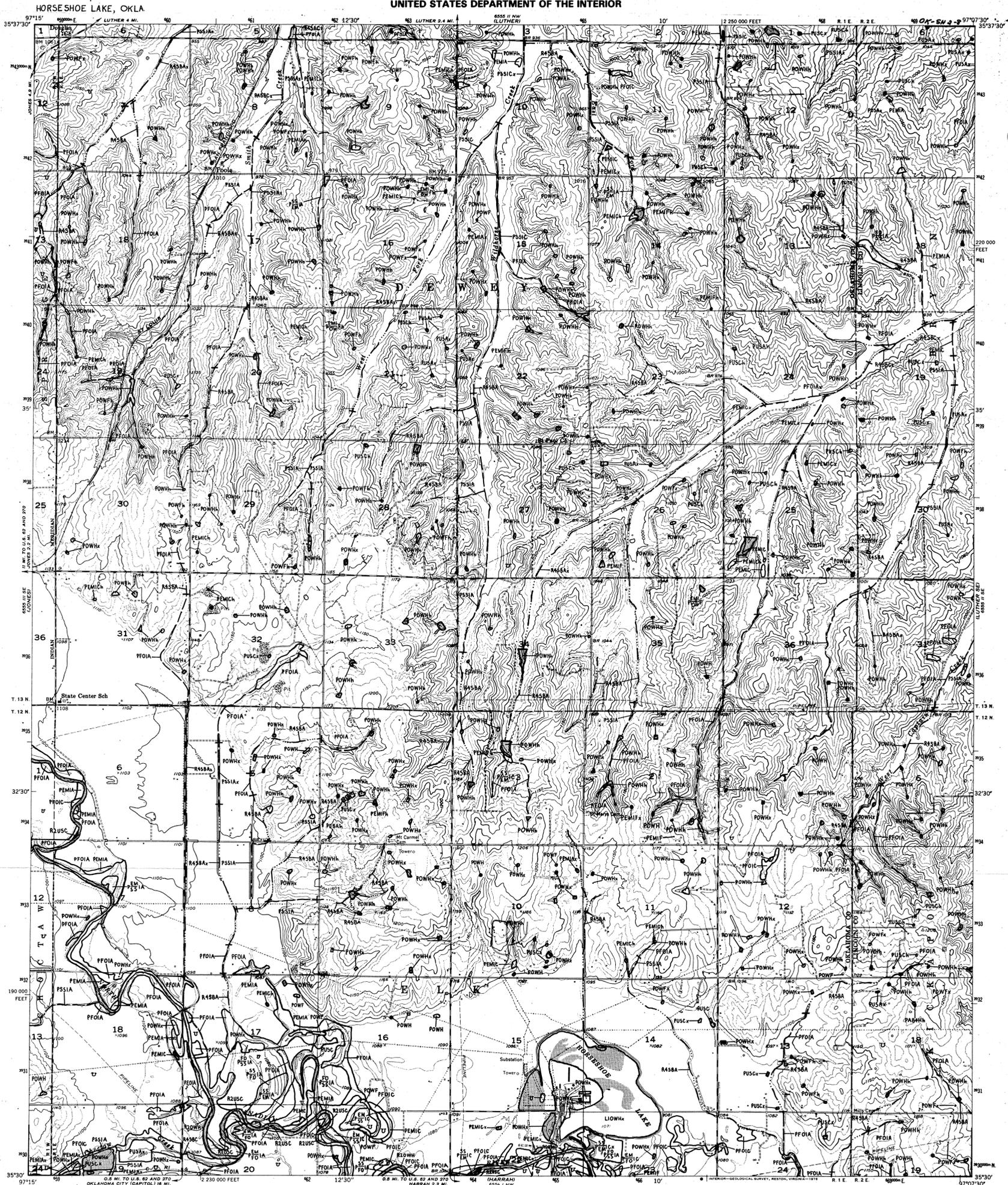
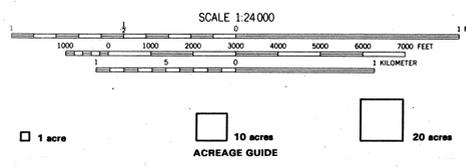


# NATIONAL WETLANDS INVENTORY

## UNITED STATES DEPARTMENT OF THE INTERIOR

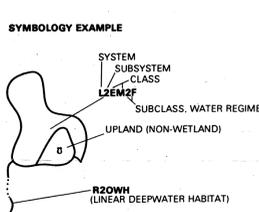


OKLAHOMA CITY NW  
OKLAHOMA CITY NORTH



**SPECIAL NOTE**  
This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS-79/31 December 1979). The aerial photographs typically reflect conditions during the specific year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a single site may result in a revision of the wetland boundaries established through photographic interpretation. In addition, some small wetlands and those obscured by dense forest cover may not be included on this document.

Federal, State and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.



**NOTES TO THE USER**  
Wetlands which have been field examined are indicated on the map by an asterisk (\*).  
Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.  
Subsystems, Classes, Subclasses, and Water Regimes in *italic* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.  
Some areas designated as R4SB, R4SBW, OR R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.  
This map uses the class Unconsolidated Shore (US).  
On earlier NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both versions.

HORSEHOE LAKE, OKLA.



U.S. DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE  
Prepared by National Wetlands Inventory

**AERIAL PHOTOGRAPHY**  
DATE: 9/81  
SCALE: 1:58,000  
TYPE: CIR

SYSTEM	1 - SUBTIDAL	2 - INTERTIDAL	1 - SUBTIDAL	2 - INTERTIDAL	E - ESTUARINE	1 - SUBTIDAL	2 - INTERTIDAL	SYSTEM	CLASS
CLASS	1 Backrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Coral 2 Nereis 3 Ruppia 4 Unknown Submergent	1 Backrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Backrock 2 Rubble 3 Mud 4 Organic	1 Broad Leaved Deciduous 2 Broad Leaved Evergreen 3 Needle Leaved Deciduous 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen
CLASS	1 Backrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Coral 2 Nereis 3 Ruppia 4 Unknown Submergent	1 Backrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Backrock 2 Rubble 3 Mud 4 Organic	1 Broad Leaved Deciduous 2 Broad Leaved Evergreen 3 Needle Leaved Deciduous 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen
CLASS	1 Backrock 2 Rubble	1 Cobble-Gravel 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Coral 2 Nereis 3 Ruppia 4 Unknown Submergent	1 Backrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submergent 6 Unknown Surface	1 Backrock 2 Rubble 3 Mud 4 Organic	1 Broad Leaved Deciduous 2 Broad Leaved Evergreen 3 Needle Leaved Deciduous 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen

**MODIFIERS**  
In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The format modifier may also be applied to the subsystem.

WATER REGIME	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS			
<b>Non-Tidal</b> A. Temporarily Flooded B. Intermittently Flooded C. Seasonally Flooded D. Regularly Flooded E. Seasonally Flooded/Temporarily Flooded F. Intermittently Flooded/Temporarily Flooded G. Intermittently Flooded/Regularly Flooded H. Permanently Flooded I. Subtidal J. Artificially Flooded K. Artificially Flooded/Temporarily Flooded L. Regularly Flooded M. Regularly Flooded/Temporarily Flooded N. Regularly Flooded/Intermittently Flooded O. Intermittently Flooded P. Intermittently Flooded/Temporarily Flooded Q. Intermittently Flooded/Regularly Flooded R. Intermittently Flooded/Seasonally Flooded S. Intermittently Flooded/Seasonally Flooded/Temporarily Flooded T. Intermittently Flooded/Seasonally Flooded/Regularly Flooded U. Unknown	<b>Tidal</b> 1. Temporary Tidal 2. Seasonal Tidal 3. Intermittently Tidal 4. Regularly Tidal 5. Seasonally Tidal/Temporarily Tidal 6. Intermittently Tidal/Temporarily Tidal 7. Intermittently Tidal/Regularly Tidal 8. Permanently Tidal 9. Subtidal 10. Artificially Tidal 11. Artificially Tidal/Temporarily Tidal 12. Regularly Tidal 13. Regularly Tidal/Temporarily Tidal 14. Regularly Tidal/Intermittently Tidal 15. Intermittently Tidal 16. Intermittently Tidal/Temporarily Tidal 17. Intermittently Tidal/Regularly Tidal 18. Intermittently Tidal/Seasonally Tidal 19. Intermittently Tidal/Seasonally Tidal/Temporarily Tidal 20. Intermittently Tidal/Seasonally Tidal/Regularly Tidal 21. Unknown	<b>Coastal Salinity</b> 1. Hypersaline 2. Polyhaline 3. Mesohaline 4. Oligohaline 5. Fresh	<b>Inland Salinity</b> 1. Hypersaline 2. Polyhaline 3. Mesohaline 4. Oligohaline 5. Fresh	<b>pH Modifiers for all Fresh Water</b> 1. Acid 2. Mesoneutral 3. Alkaline	<b>Soil</b> 1. Organic 2. Mineral	<b>Special Modifiers</b> 1. Beaver Dammed/Obstructed 2. Farmed 3. Impounded 4. Artificial Substrate 5. Excavated