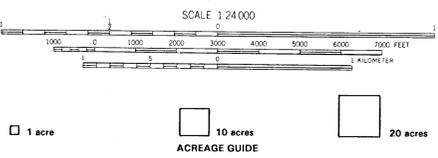
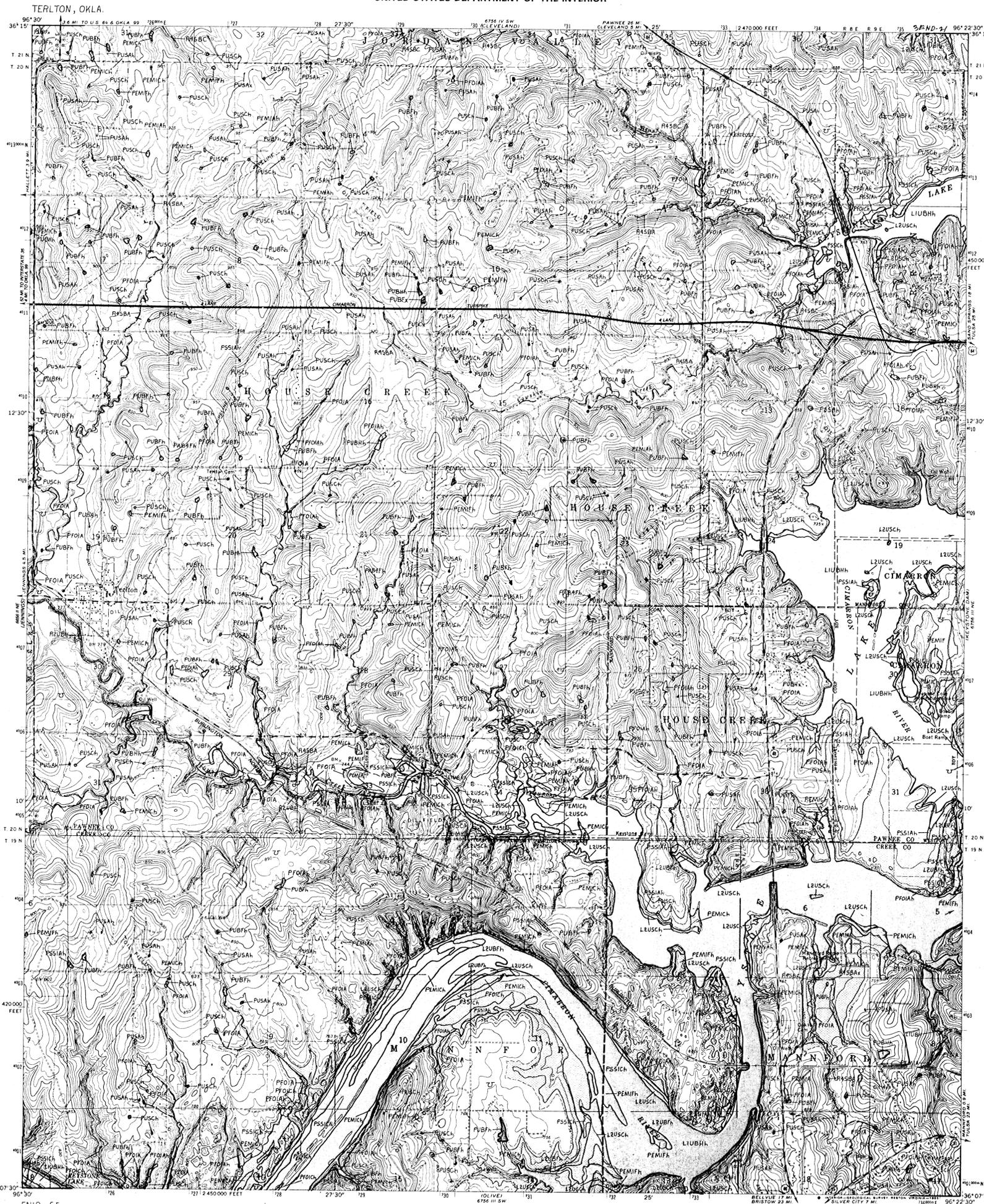


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



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 aerial 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.

SYMBOLY EXAMPLE

SYSTEM
SUBSYSTEM
CLASS
LEMF2F
SUBCLASS WATER REGIME
UPLAND (NON-WETLAND)
R2UBH (LINEAR DEEPWATER HABITAT)

Primarily represents upland areas, but may include unclassified wetlands such as man-modified areas, non photo-identifiable areas and/or unintentional omissions

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 italics were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R4SB, R4SBJ, OR R4SBU (INTERMITTENT STREAMS) may not meet the definition of wetlands.
- 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.



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: CTR

3696-123

SYSTEM	1 - SUBTIDAL	2 - INTERTIDAL	1 - SUBTIDAL	2 - INTERTIDAL	SYSTEM	
CLASS	RS - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AS - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED	RS - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AS - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED	CLASS	
Subclass	1 Bedrock 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	1 Bedrock 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	Subclass	
SYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	SYSTEM
CLASS	RS - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RS - ROCKY SHORE US - UNCONSOLIDATED	RS - ROCKY SHORE US - UNCONSOLIDATED	RS - ROCKY SHORE US - UNCONSOLIDATED	RS - ROCKY SHORE US - UNCONSOLIDATED	CLASS
Subclass	1 Bedrock 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	Subclass
SYSTEM	1 - LIMNETIC	2 - LITTORAL	SYSTEM	SYSTEM	SYSTEM	
CLASS	RS - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	RS - ROCKY SHORE US - UNCONSOLIDATED	CLASS	CLASS	CLASS	
Subclass	1 Bedrock 2 Sand 3 Mud 4 Organic	1 Algal 2 Aquatic Mass 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged	Subclass	Subclass	Subclass	

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 two-digit code. The format modifier may also be applied to the ecological system.

WATER REGIME	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
Non-Tidal A. Permanently Flooded B. Seasonally Flooded C. Intermittently Flooded D. Unflooded E. Seasonally Unflooded F. Intermittently Unflooded G. Permanently Unflooded H. Seasonally Unflooded I. Intermittently Unflooded J. Unflooded	Tidal K. Artificially Flooded L. Seasonally Flooded M. Intermittently Flooded N. Regularly Flooded O. Regularly Unflooded P. Permanently Flooded Q. Permanently Unflooded R. Seasonally Flooded S. Seasonally Unflooded T. Intermittently Flooded U. Intermittently Unflooded V. Unflooded	Coastal Salinity 1. High Salinity 2. Medium Salinity 3. Low Salinity 4. Fresh	Inland Salinity 1. High Salinity 2. Medium Salinity 3. Low Salinity 4. Fresh