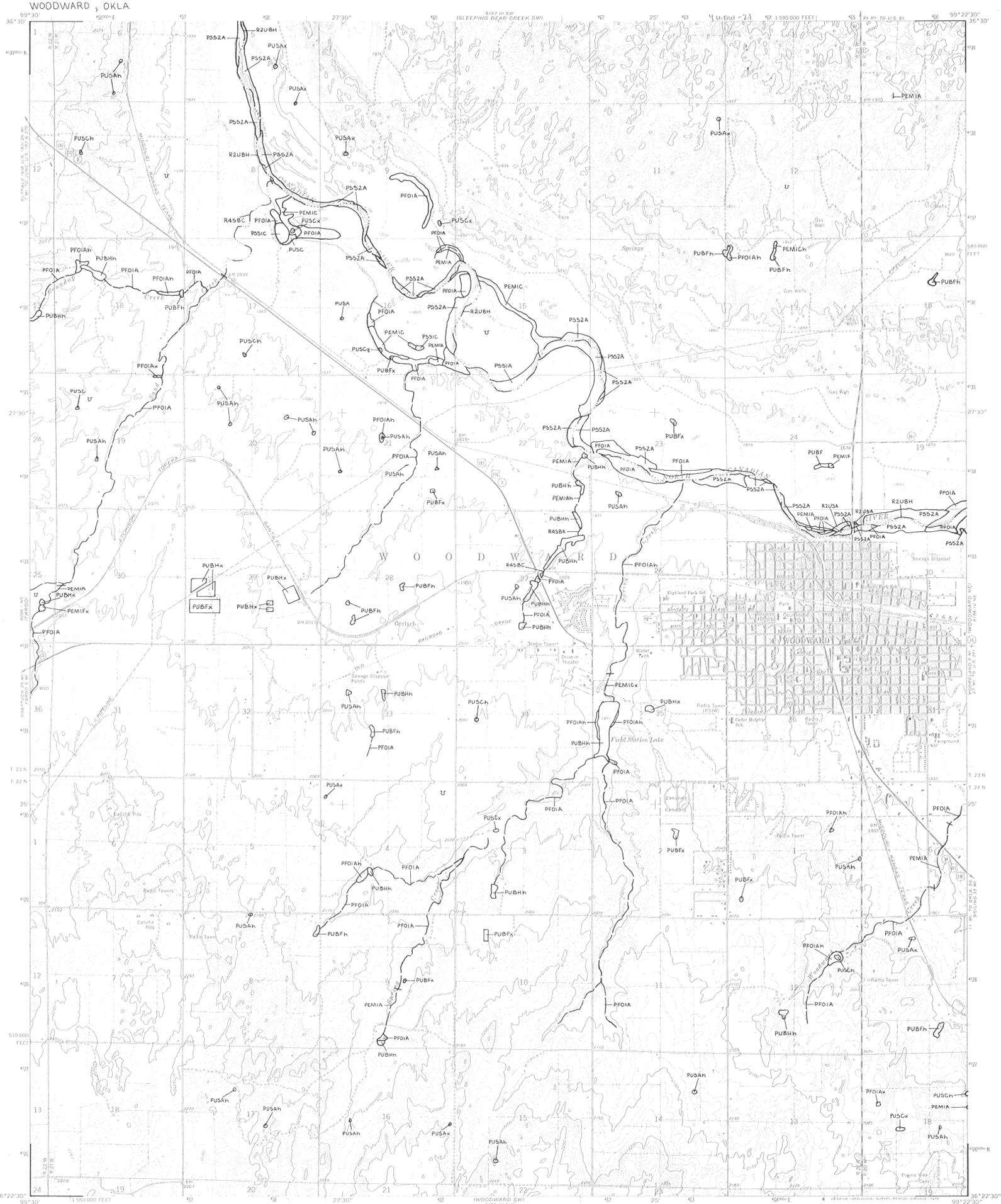


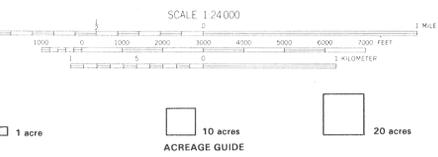
NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



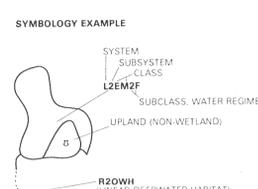
WOODWARD SW
WOODWARD

WOODWARD, OKLA. 3699-133



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 wetland 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, R4SBW, or R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
• This map uses the class Unconsolidated Shore (US). On earlier NWS maps this 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 11/83
SCALE 1:56,000
TYPE CIR



SYSTEM	1 - SUBTIDAL	2 - INTERTIDAL	3 - RIVERINE	4 - LIMNETIC	5 - LITTORAL
CLASS	UB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/Unknown Bottom	RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	UB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/Unknown Bottom	RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED
SUBCLASS	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Muds 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface

MODIFIERS
In order to most 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 ecological system.

WATER REGIME	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
Non-Tidal A. Temporarily Flooded B. Seasonally Flooded C. Regularly Flooded D. Permanently Flooded E. Seasonally Flooded/Seasonally Emergent F. Intermittently Flooded G. Intermittently Flooded/Seasonally Emergent H. Unknown	Tidal I. Seasonally Flooded J. Intermittently Flooded K. Regularly Flooded L. Permanently Flooded M. Regularly Flooded/Seasonally Emergent N. Intermittently Flooded/Seasonally Emergent O. Unknown	Coastal Salinity 1. Polyhaline 2. Euhaline 3. Suprahaline 4. Hypersaline 5. Unknown	Inland Salinity 1. Polyhaline 2. Euhaline 3. Suprahaline 4. Hypersaline 5. Unknown