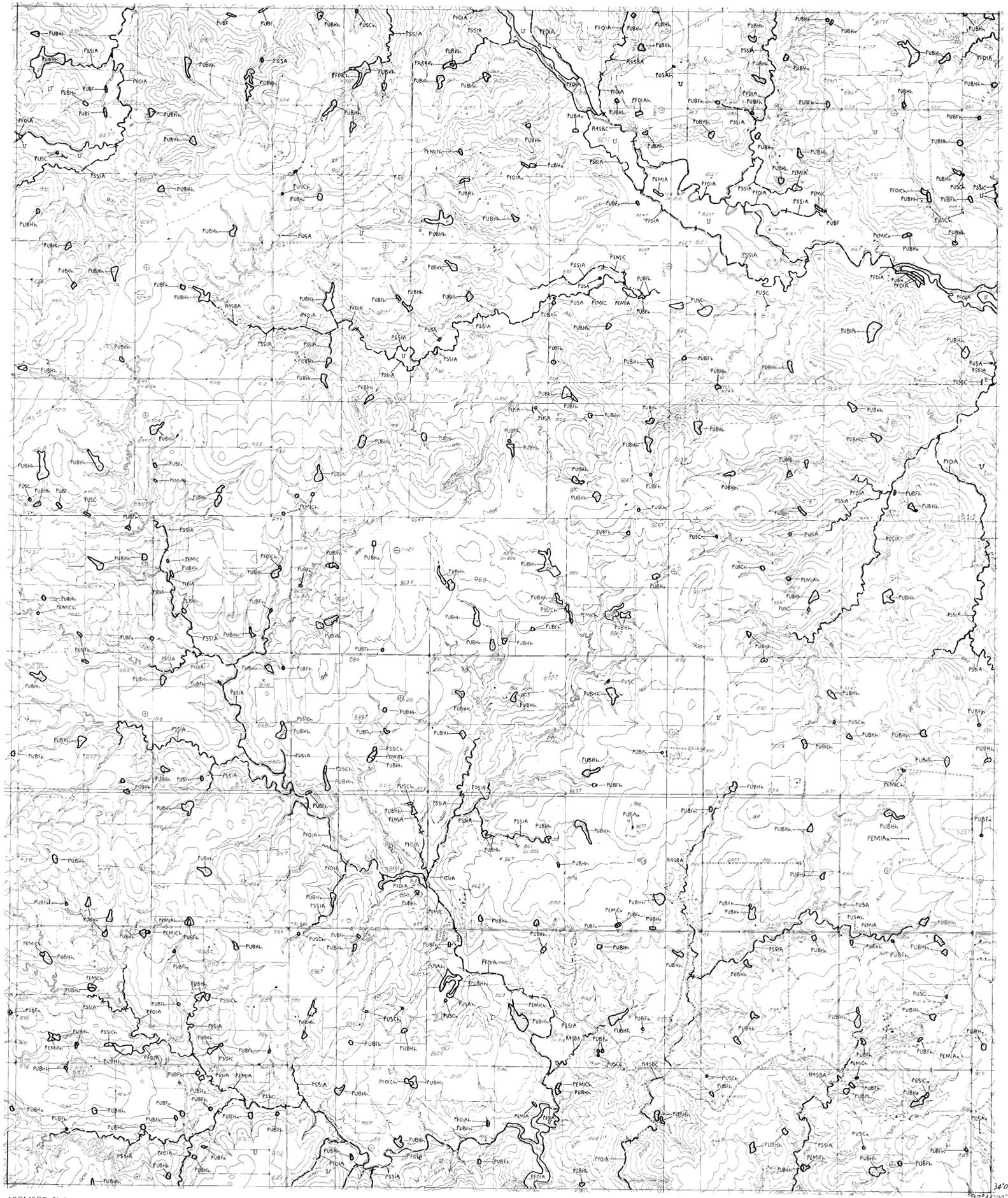


NATIONAL WETLANDS INVENTORY

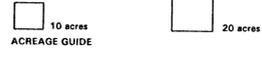
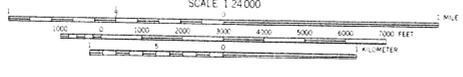
UNITED STATES DEPARTMENT OF THE INTERIOR

RYAN SE, OKLA



ARDMORE SW
ARDMORE

RYAN SE, OKLA. 3497-221



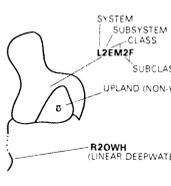
Other information including a narrative report concerning the wetland resources depicted on this document may be available. For information, contact:

Regional Director (ARDE) Region II
U.S. Fish and Wildlife Service
P.O. Box 1306
Albuquerque, New Mexico 87103

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 topography in accordance with Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS-78/31 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.

SYMBOLGY EXAMPLE



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, 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).



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	M - MARINE	2 - INTERTIDAL	E - ESTUARINE	1 - SUBTIDAL	2 - INTERTIDAL	SYSTEM
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RE - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED M - REEF RS - ROCKY SHORE	US - UNCONSOLIDATED RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED M - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED M - REEF MS - STREAMBED RS - ROCKY SHORE	EM - EMERGENT SS - SCRUB SHRUB FD - FORESTED
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Macroalgae 3 Seagrass 4 Other 5 Other	1 Algal 2 Aquatic Macroalgae 3 Lichens 4 Other 5 Other	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Broad Leaved Deciduous 2 Deciduous 3 Broad Leaved Evergreen 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen

SYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	1 - LIMNETIC	2 - LITTORAL	SYSTEM
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	SB - STREAMBED AB - AQUATIC BED RS - ROCKY SHORE	US - UNCONSOLIDATED SHORE EM - EMERGENT	EM - EMERGENT OW - OPEN WATER/UNKNOWN BOTTOM	UB - UNCONSOLIDATED BOTTOM	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT OW - OPEN WATER/UNKNOWN BOTTOM	CLASS
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Macroalgae 3 Seagrass 4 Other 5 Other	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	1 Perennial 2 Nonperennial	1 Broad Leaved Deciduous 2 Deciduous 3 Broad Leaved Evergreen 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Aquatic Macroalgae 3 Seagrass 4 Other 5 Other	1 Broad Leaved Deciduous 2 Deciduous 3 Broad Leaved Evergreen 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen

SYSTEM	P - PALUSTRINE	SYSTEM
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM US - UNCONSOLIDATED MOSS LICHEN EM - EMERGENT SS - SCRUB SHRUB FD - FORESTED OW - OPEN WATER/UNKNOWN BOTTOM	CLASS
Subclass	1 Bedrock 2 Rubble 3 Mud 4 Organic	1 Broad Leaved Deciduous 2 Deciduous 3 Broad Leaved Evergreen 4 Needle Leaved Evergreen 5 Deciduous 6 Deciduous 7 Evergreen

MODIFIERS	WATER REGIME	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
A - Temporally Flooded B - Semi-permanently Flooded C - Permanently Flooded D - Seasonally Flooded E - Regularly Flooded F - Irregularly Flooded G - Intermittently Exposed H - Intermittently Exposed I - Unknown	1 - Non-Tidal 2 - Tidal 3 - Estuarine 4 - Coastal 5 - Inland 6 - Freshwater 7 - Brackish 8 - Saline 9 - Unknown	1 - Freshwater 2 - Brackish 3 - Saline 4 - Unknown	1 - Organic 2 - Inorganic 3 - Unknown	1 - Disturbed 2 - Undisturbed 3 - Artificially Modified 4 - Artificially Modified 5 - Artificially Modified 6 - Artificially Modified 7 - Artificially Modified 8 - Artificially Modified 9 - Artificially Modified 10 - Artificially Modified