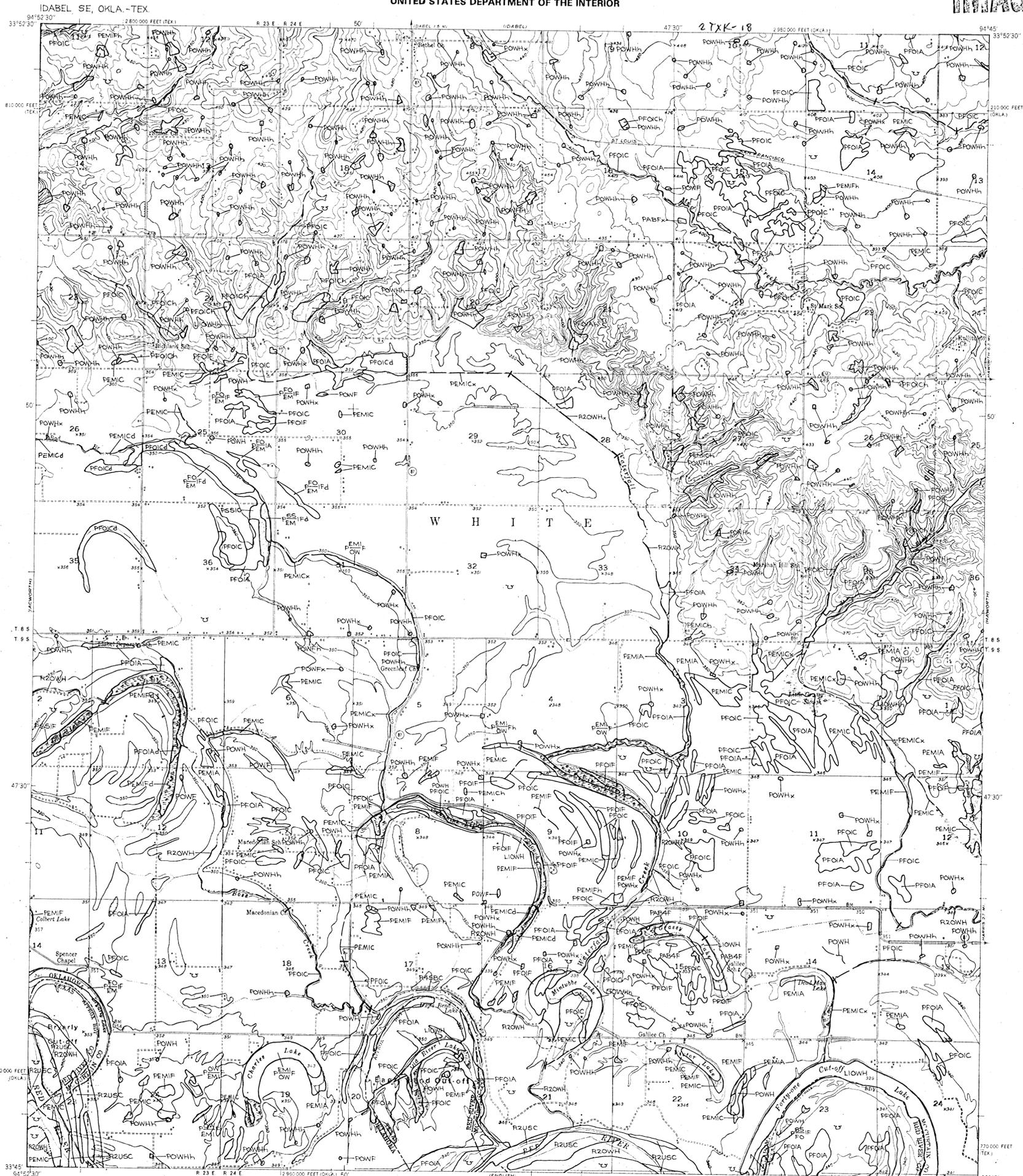


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

IMAGED



DRAFT

IDABEL SE, OKLA.-TEX. 3394-331

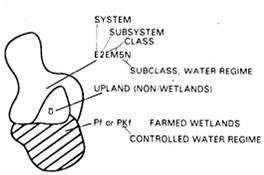
SCALE 1:24,000



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 the *Classification of Wetlands and Deep Water Habitats of the United States* (An Operational Draft). Cowardin, et al. 1977. 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.

SYMBOLY EXAMPLE



NOTES TO THE USER
Wetlands which have been field examined are indicated on the map by an asterisk (*).
Dominance type letter (vegetative or sedentary animal) can be added to the map by the interested user.
Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.

AERIAL PHOTOGRAPHY

DATE: 31 1982
SCALE: 1:65,000
TYPE: CIR
DATE: / /
TYPE: / /
SCALE: / /
TYPE: / /

U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Prepared by Office of Biological Services
for the National Wetlands Inventory



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

TECHNICAL RESPONSIBILITY		
TASK	NAME	DATE
REGIONAL PIQC		
NATIONAL PIQC		
ZTS	S. HILLER	7-8-81
ZTS_QC	J. HERRIS	7-31-81
MAP PI QC	R. CULLUM	8-13-81
ZTS CORRECTION	M. MIKOLAJCIS	8-24-81
CORRECTION CHECK	R. WHITEHEAD	8-16-81
FWS ACCEPT	G. MARTIN	10-5-81

WETLAND LEGEND

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

ECOLOGICAL SYSTEM		E - ESTUARINE		M - MARINE		P - PALUSTRINE		L - LACUSTRINE		R - RIVERINE	
Subsystem	Class	Subsystem	Class								
1 - Subtidal	AB - AQUATIC BED	1 - Subtidal	AB - AQUATIC BED	1 - Subtidal	AB - AQUATIC BED	1 - Littoral	AB - AQUATIC BED	1 - Littoral	AB - AQUATIC BED	1 - Tidal	EM - EMERGENT
2 - Intertidal	FL - FLAT	2 - Intertidal	FL - FLAT	2 - Intertidal	FL - FLAT	2 - Littoral	FL - FLAT	2 - Littoral	FL - FLAT	2 - Lower Perennial	2 - Lower Perennial
3 - Upper Intertidal	SH - SHORUB	3 - Upper Intertidal	SH - SHORUB	3 - Upper Intertidal	SH - SHORUB	3 - Littoral	SH - SHORUB	3 - Littoral	SH - SHORUB	3 - Upper Perennial	3 - Upper Perennial
4 - Emergent	EM - EMERGENT	4 - Emergent	EM - EMERGENT	4 - Emergent	EM - EMERGENT	4 - Intermittent	RI - RIVERINE	4 - Intermittent	RI - RIVERINE	4 - Intermittent	RI - RIVERINE
5 - Unknown Perennial	UN - UNKNOWN PERENNIAL	5 - Unknown Perennial	UN - UNKNOWN PERENNIAL	5 - Unknown Perennial	UN - UNKNOWN PERENNIAL	5 - Unknown Perennial	UN - UNKNOWN PERENNIAL	5 - Unknown Perennial	UN - UNKNOWN PERENNIAL	5 - Unknown Perennial	5 - Unknown Perennial

MODIFYING TERMS
In order to more adequately describe wetland and aquatic habitats one or more of the water regime, water chemistry, soil, or special modifiers may be applied to the class or lower level in the hierarchy. The farm modifier may also be applied to the ecological system.

WATER REGIME(1)		WATER CHEMISTRY		SPECIAL MODIFIERS	
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	PH Modifiers for all Fresh Water	SOIL
A - Temporary B - Seasonal C - Seasonal (dry season) D - Seasonal (dry season) (intermittently exposed)	1 - Perennial 2 - Intermittently Flooded 3 - Intermittently Flooded (intermittently exposed) 4 - Intermittently Flooded (intermittently exposed) (intermittently exposed)	K - Artificial L - Saline M - Saline (brackish) N - Saline (brackish) (intermittently exposed) O - Saline (brackish) (intermittently exposed)	1 - Freshwater 2 - Brackish 3 - Brackish (intermittently exposed) 4 - Brackish (intermittently exposed)	1 - Organic 2 - Inorganic 3 - Inorganic (intermittently exposed) 4 - Inorganic (intermittently exposed)	1 - Organic 2 - Inorganic 3 - Inorganic (intermittently exposed) 4 - Inorganic (intermittently exposed)