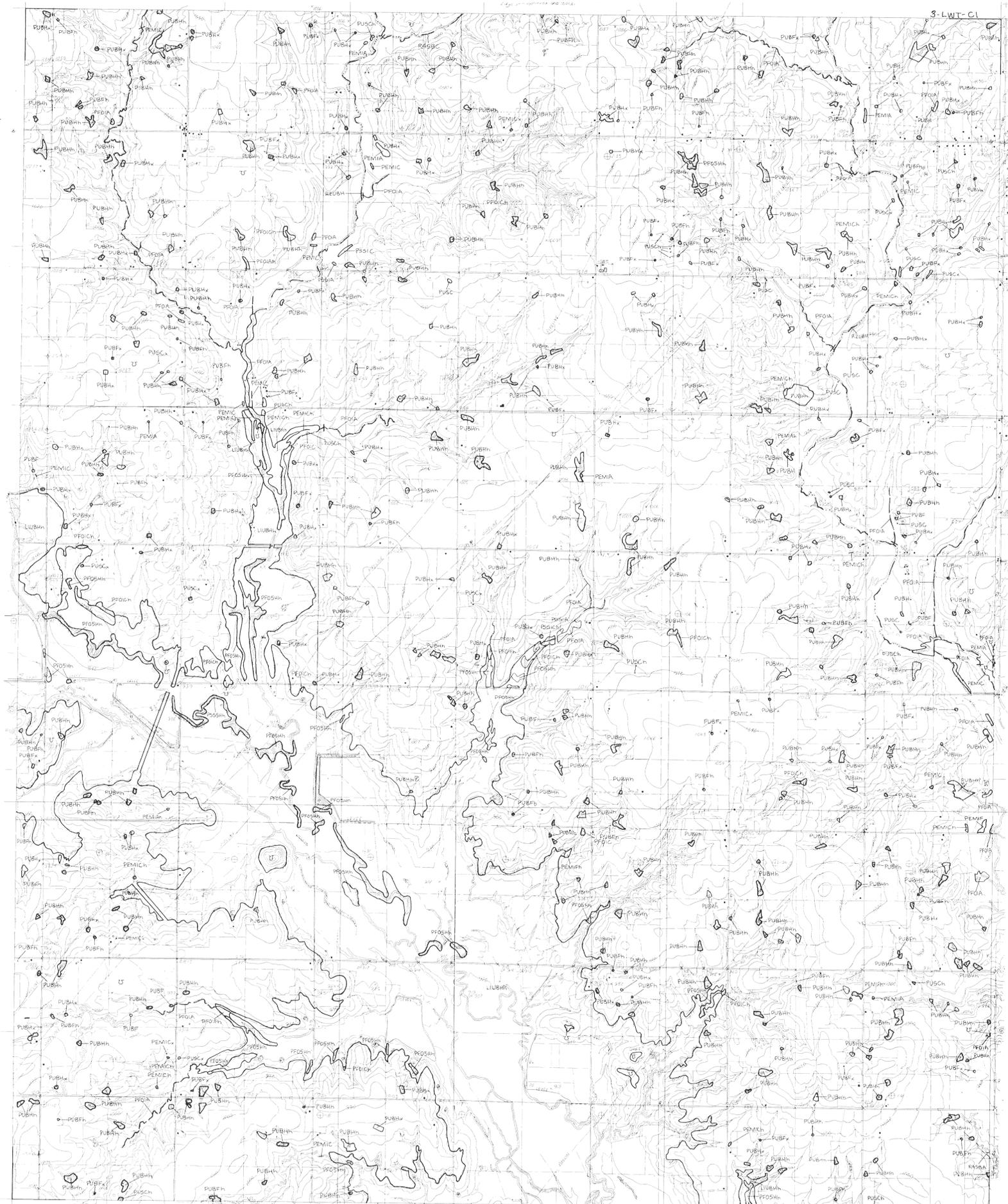


# NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

CORUM  
EMPIRE CITY SE, OKLA.

3-LWT-C1

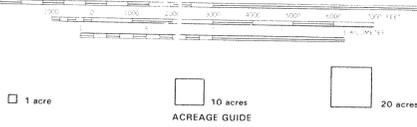


LAWTON SE  
BURKBURNETT

34° 15' 00"  
10° 00' 00"

EMPIRE CITY SE, OKLA. 3498-141

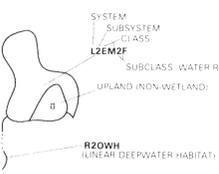
SCALE 1:24000



**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 (CWS, 7/31/83) (December 1978). 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 areas designated as RASB, RASBJ, OR RASJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
- This map uses the class Unconsolidated Shore (US) or 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 2/83 DATE  
SCALE 1:50,000 SCALE  
TYPE CIR TYPE

1989

SYSTEM	1 - SUBTIDAL	M - MARINE	2 - INTERTIDAL	1 - SUBTIDAL	E - ESTUARINE	2 - INTERTIDAL	SYSTEM	
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	CLASS
Subclass	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Algal 2 Algal-Moss 3 Algal-Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Coral 2 Reef 3 Worm 4 Organic	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Algal 2 Algal-Moss 3 Algal-Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	Subclass

SYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	1 - LIMNETIC	L - LACUSTRINE	2 - LITTORAL	SYSTEM
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	CLASS
Subclass	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Algal 2 Algal-Moss 3 Algal-Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Algal 2 Algal-Moss 3 Algal-Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	1 Algal 2 Algal-Moss 3 Algal-Vascular 4 Floating Vascular 5 Emergent 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	Subclass

SYSTEM	P - PALUSTRINE	SYSTEM
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED US - UNCONSOLIDATED SHORE	CLASS
Subclass	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Mud 6 Organic	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 specified at the class or subclass level in the hierarchy. The format modifier may also be applied to the ecological system.			
WATER REGIME		WATER CHEMISTRY	
<b>Non-Tidal</b> A: Temporally Flooded B: Seasonally Flooded C: Semi-annually Flooded D: Annually Flooded E: Intermittently Flooded F: Non-Flooded G: Intermittently Exposed H: Unflooded	<b>Tidal</b> A: Annually Flooded B: Seasonally Flooded C: Semi-annually Flooded D: Annually Flooded E: Intermittently Flooded F: Non-Flooded G: Intermittently Exposed H: Unflooded	<b>Coastal Salinity</b> 1: Hypersaline 2: Euryhaline 3: Mesohaline 4: Polyhaline 5: Oligohaline 6: Fresh	<b>pH Modifiers for Fresh Water</b> A: Acid 1: Circumneutral 2: Alkaline
<b>SOIL</b> 1: Organic 2: Mineral 3: Partly Organic/Mineral 4: Famed		<b>SPECIAL MODIFIERS</b> 1: Diked 2: Impounded 3: Artificially Salinated 4: Enclosed	