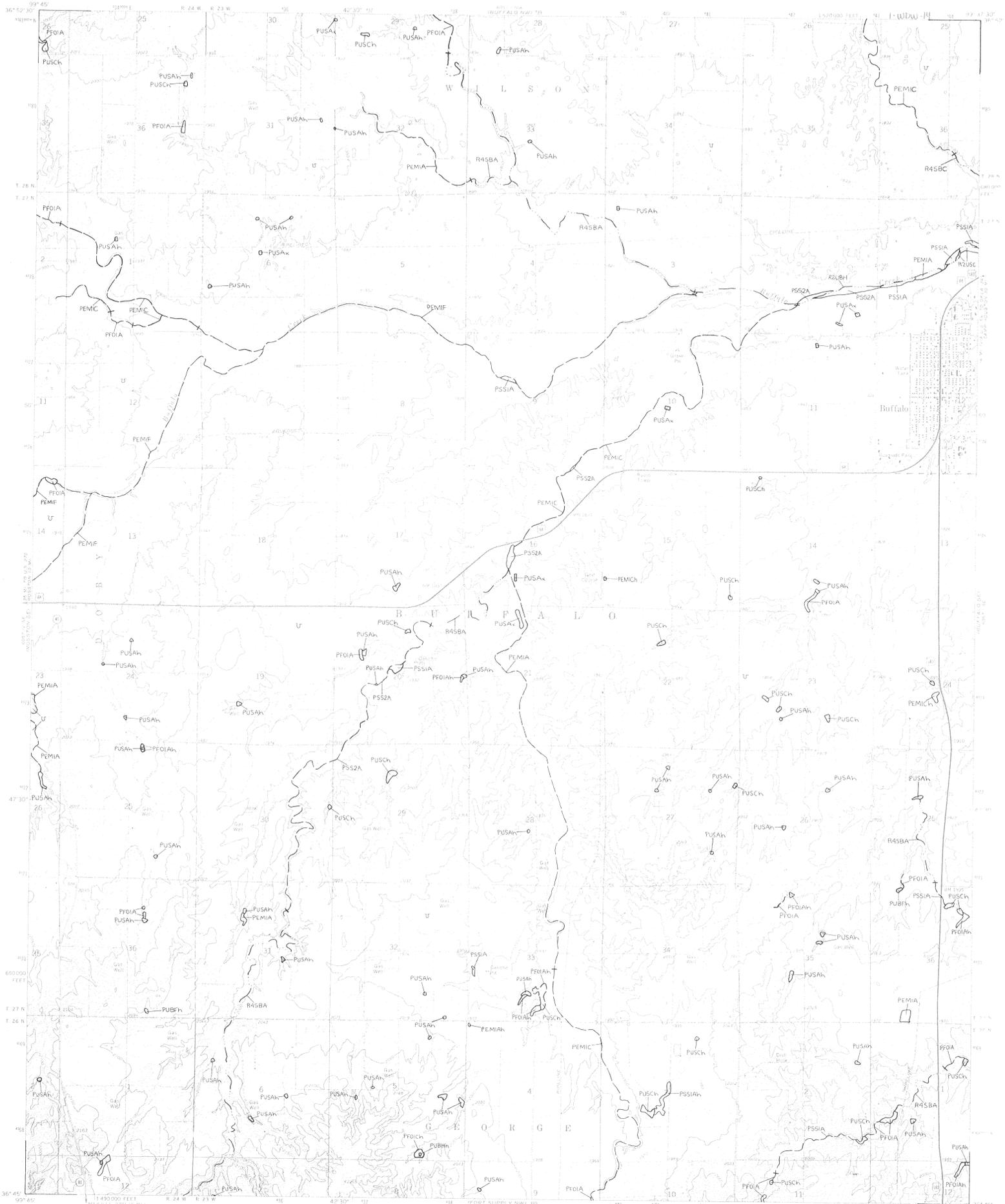


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

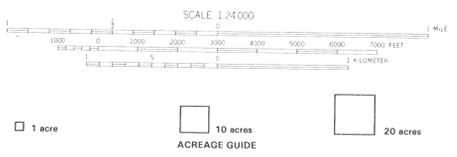
BUFFALO, OKLA



WOODWARD NW
BUFFALO

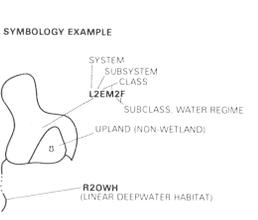
BUFFALO, OKLA.

3699 - 342



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-73/31 December 1973)*. 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 wetlands information displayed on this map are solicited. Please forward such information to the address indicated.
- Subsystems, Classes, Subclasses, and Water Regimes in *Bulletin* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R4SB, R4SBJ, 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

1987

AERIAL PHOTOGRAPHY
DATE 11/83 DATE
SCALE 1:58,000 SCALE
TYPE CIR TYPE

SYSTEM	1 - SUBTIDAL	M - MARINE	2 - INTERTIDAL	E - ESTUARINE	1 - SUBTIDAL	2 - INTERTIDAL	SYSTEM	
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RF - REEF OW - OPEN WATER/Unknown Bottom	AS - AQUATIC BED RI - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED RF - REEF OW - OPEN WATER/Unknown Bottom	AS - AQUATIC BED RI - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE	CLASS	
SUBCLASS	1 Bioturb 2 Rubble 3 Mud 4 Organic	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Emergent 5 Unknown Surface	1 Coral 2 Rubble 3 Worm 4 Organic	1 Bioturb 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Emergent 5 Unknown Surface	2 Marine 3 Worm 4 Organic	SUBCLASS
SYSTEM	R - RIVERINE						SYSTEM	
CLASS	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL	SYSTEM		
SUBCLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	SB - STREAMBED	AS - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE	EM - EMERGENT	OW - OPEN WATER/Unknown Bottom	SYSTEM		
SUBCLASS	1 Bioturb 2 Rubble 3 Mud 4 Organic	1 Bioturb 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Emergent 5 Unknown Surface	1 Bioturb 2 Rubble 3 Mud 4 Organic	1 Bioturb 2 Rubble 3 Mud 4 Organic	SUBCLASS		
SYSTEM	P - PALUSTRINE						SYSTEM	
CLASS	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM	AS - AQUATIC BED US - UNCONSOLIDATED SHORE	MS - MOSS LOCHEN EM - EMERGENT	SS - SCRUB SHRUB FO - FORESTED	OW - OPEN WATER/Unknown Bottom	SYSTEM		
SUBCLASS	1 Bioturb 2 Rubble 3 Mud 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Emergent 5 Unknown Surface	1 Moss 2 Lichen 3 Nonpersistent 4 Emergent 5 Dead 6 Deciduous 7 Evergreen	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	1 Broad Leaved Deciduous 2 Broad Leaved Deciduous 3 Broad Leaved Evergreen 4 Broad Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	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 on the hierarchy. The format modifier may also be applied to the ecological system.

WATER REGIME		WATER CHEMISTRY		SOIL		SPECIAL MODIFIERS	
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity	pH Modifiers for all Fresh Water			
A Temporary Flooded B Seasonally Flooded C Seasonally Flooded D Regularly Flooded E Regularly Flooded F Regularly Flooded G Intermittently Flooded H Intermittently Flooded	H Regularly Flooded I Seasonally Flooded J Seasonally Flooded K Regularly Flooded L Regularly Flooded M Regularly Flooded N Regularly Flooded O Regularly Flooded	1 Euryhaline 2 Euryhaline 3 Euryhaline 4 Euryhaline 5 Euryhaline 6 Euryhaline 7 Euryhaline	1 Hypohaline 2 Hypohaline 3 Hypohaline 4 Hypohaline 5 Hypohaline 6 Hypohaline 7 Hypohaline	1 Acid 2 Acid 3 Acid 4 Acid 5 Acid 6 Acid 7 Acid	1 Organic 2 Mineral 3 Partially Drained 4 Favored	1 Eutric 2 Eutric 3 Eutric 4 Eutric 5 Eutric 6 Eutric 7 Eutric	1 Eutric 2 Eutric 3 Eutric 4 Eutric 5 Eutric 6 Eutric 7 Eutric