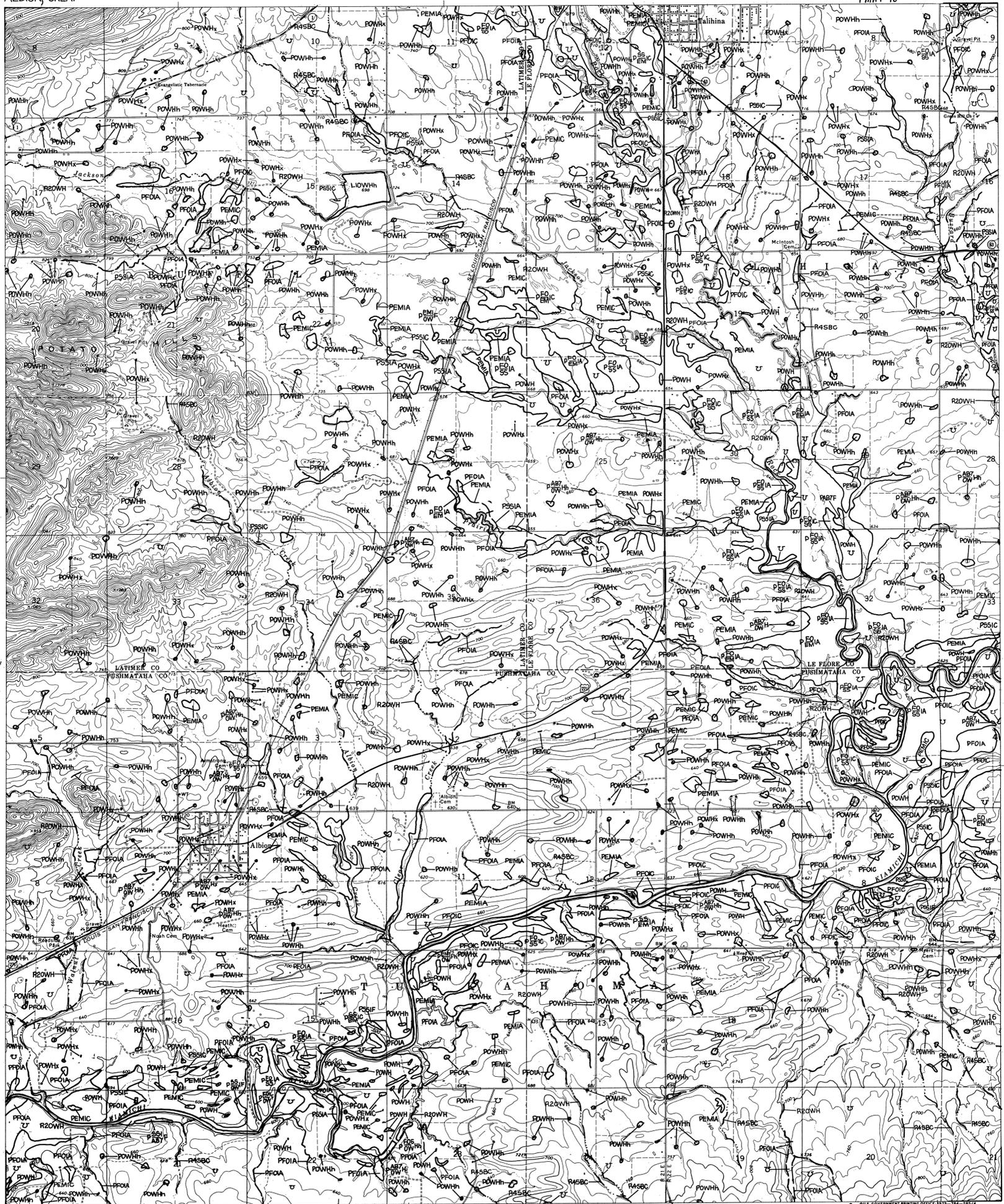


# NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

ALBION, OKLA.

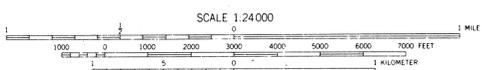
MAP 10



MC ALESTER NW  
MC ALESTER

ALBION, OKLA.

34 95 - 414



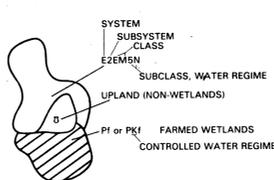
Other information concerning the wetland resources depicted on this document may be available. For information, contact:

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 geography in accordance with 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.

### SYMBOLGY EXAMPLE



### NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (\*).
- Dominance type (either vegetative or sedimentary 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.
- Some areas designated R4SB, R4SW, or R4SJ (intermittent streams) may not meet the definition of wetlands.

### AERIAL PHOTOGRAPHY

DATE: 4 / 80  
SCALE: 1:58000  
TYPE: CIR  
DATE: / /  
SCALE: / /  
TYPE: / /

U.S. DEPARTMENT OF THE INTERIOR  
FISH AND WILDLIFE SERVICE

Prepared by Office of Biological Services  
for the National Wetlands Inventory

## WETLAND LEGEND

U - 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	
1 - Subtidal	
2 - Intertidal	
CLASS	ROCK UB - UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Boulder 3 Sand 4 Organic 5 Unknown Surface
CLASS	AB - AQUATIC BED
Subclass	1 Submerged Algae 2 Submerged Macroalgae 3 Floating Macroalgae 4 Floating Marine 5 Unknown Surface
CLASS	RF - REEF
Subclass	1 Coral 2 Unknown Surface
CLASS	FL - FLAT
Subclass	1 Mud 2 Sand 3 Organic 4 Vegetated Non-porous 5 Unknown Surface
CLASS	SB - STREAMBED
Subclass	1 Sand 2 Gravel 3 Organic 4 Unknown Surface
CLASS	SH - SHORE
Subclass	1 Beach 2 Beachbar 3 Unknown Surface
CLASS	EM - EMERGENT
Subclass	1 Nonporous 2 Nonporous Nonpersistent 3 Nonporous Persistent 4 Deciduous 5 Broad-leaved Persistent
CLASS	SS - SCOUR/SHRUB
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	FD - FORESTED
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	OW - OPEN WATER
Subclass	1 Unknown Bottom

### ECOLOGICAL SYSTEM

P - PALUSTRINE	
1 - Unconsolidated	
2 - Littoral	
CLASS	ROCK UB - UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Boulder 3 Sand 4 Organic 5 Unknown Surface
CLASS	AB - AQUATIC BED
Subclass	1 Submerged Algae 2 Submerged Macroalgae 3 Floating Macroalgae 4 Floating Marine 5 Unknown Surface
CLASS	FL - FLAT
Subclass	1 Mud 2 Sand 3 Organic 4 Vegetated Non-porous 5 Unknown Surface
CLASS	SB - STREAMBED
Subclass	1 Sand 2 Gravel 3 Organic 4 Unknown Surface
CLASS	SH - SHORE
Subclass	1 Beach 2 Beachbar 3 Unknown Surface
CLASS	EM - EMERGENT
Subclass	1 Nonporous 2 Nonporous Nonpersistent 3 Nonporous Persistent 4 Deciduous 5 Broad-leaved Persistent
CLASS	SS - SCOUR/SHRUB
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	FD - FORESTED
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	OW - OPEN WATER
Subclass	1 Unknown Bottom

### ECOLOGICAL SYSTEM

R - RIVERINE	
1 - Tidal	
2 - Lower Perennial	
3 - Upper Perennial	
4 - Intermittent	
5 - Unknown Perennial	
CLASS	ROCK UB - UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Boulder 3 Sand 4 Organic 5 Unknown Surface
CLASS	AB - AQUATIC BED
Subclass	1 Submerged Algae 2 Submerged Macroalgae 3 Floating Macroalgae 4 Floating Marine 5 Unknown Surface
CLASS	FL - FLAT
Subclass	1 Mud 2 Sand 3 Organic 4 Vegetated Non-porous 5 Unknown Surface
CLASS	SB - STREAMBED
Subclass	1 Sand 2 Gravel 3 Organic 4 Unknown Surface
CLASS	SH - SHORE
Subclass	1 Beach 2 Beachbar 3 Unknown Surface
CLASS	EM - EMERGENT
Subclass	1 Nonporous 2 Nonporous Nonpersistent 3 Nonporous Persistent 4 Deciduous 5 Broad-leaved Persistent
CLASS	SS - SCOUR/SHRUB
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	FD - FORESTED
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	OW - OPEN WATER
Subclass	1 Unknown Bottom

### ECOLOGICAL SYSTEM

M - MARINE	
1 - Subtidal	
2 - Intertidal	
CLASS	ROCK UB - UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Boulder 3 Sand 4 Organic 5 Unknown Surface
CLASS	AB - AQUATIC BED
Subclass	1 Submerged Algae 2 Submerged Macroalgae 3 Floating Macroalgae 4 Floating Marine 5 Unknown Surface
CLASS	RF - REEF
Subclass	1 Coral 2 Unknown Surface
CLASS	FL - FLAT
Subclass	1 Mud 2 Sand 3 Organic 4 Vegetated Non-porous 5 Unknown Surface
CLASS	SB - STREAMBED
Subclass	1 Sand 2 Gravel 3 Organic 4 Unknown Surface
CLASS	SH - SHORE
Subclass	1 Beach 2 Beachbar 3 Unknown Surface
CLASS	EM - EMERGENT
Subclass	1 Nonporous 2 Nonporous Nonpersistent 3 Nonporous Persistent 4 Deciduous 5 Broad-leaved Persistent
CLASS	SS - SCOUR/SHRUB
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	FD - FORESTED
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	OW - OPEN WATER
Subclass	1 Unknown Bottom

### ECOLOGICAL SYSTEM

L - LACUSTRINE	
1 - Unconsolidated	
2 - Littoral	
CLASS	ROCK UB - UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Boulder 3 Sand 4 Organic 5 Unknown Surface
CLASS	AB - AQUATIC BED
Subclass	1 Submerged Algae 2 Submerged Macroalgae 3 Floating Macroalgae 4 Floating Marine 5 Unknown Surface
CLASS	FL - FLAT
Subclass	1 Mud 2 Sand 3 Organic 4 Vegetated Non-porous 5 Unknown Surface
CLASS	SB - STREAMBED
Subclass	1 Sand 2 Gravel 3 Organic 4 Unknown Surface
CLASS	SH - SHORE
Subclass	1 Beach 2 Beachbar 3 Unknown Surface
CLASS	EM - EMERGENT
Subclass	1 Nonporous 2 Nonporous Nonpersistent 3 Nonporous Persistent 4 Deciduous 5 Broad-leaved Persistent
CLASS	SS - SCOUR/SHRUB
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	FD - FORESTED
Subclass	1 Broad-leaved Deciduous 2 Broad-leaved Evergreen 3 Deciduous 4 Evergreen
CLASS	OW - OPEN WATER
Subclass	1 Unknown Bottom

### MODIFYING TERMS

WATER REGIME (1)	
Tidal	
Coastal Salinity	
WATER CHEMISTRY	
pH Modifiers for all Fresh Water	
SOIL	
SPECIAL MODIFIERS	
Non-Tidal	1 Seasonal Flooded 2 Permanently Flooded 3 Intermittently Flooded 4 Seasonally Flooded 5 Intermittently Flooded 6 Unflooded
Tidal	1 Seasonal Tidal 2 Seasonally Exposed 3 Intermittently Exposed 4 Permanently Exposed 5 Unknown
Coastal Salinity	1 Hypersaline 2 Polyhaline 3 Mesohaline 4 Oligohaline 5 Fresh
WATER CHEMISTRY	1 Hypersaline 2 Mesohaline 3 Oligohaline 4 Fresh
pH Modifiers for all Fresh Water	1 Acid 2 Neutral 3 Alkaline
SOIL	1 Organic 2 Mineral 3 Unknown
SPECIAL MODIFIERS	1 Seasonally Flooded 2 Seasonally Exposed 3 Intermittently Flooded 4 Intermittently Exposed 5 Unknown

(1) EM - EMERGENT are only found in the Riverine and Lacustrine Ecological Subsystems. All other classes are found in all Riverine Ecological Subsystems.

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.