

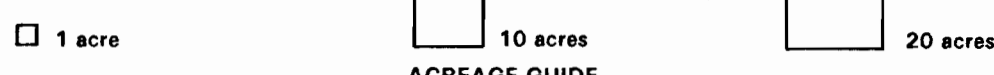
NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

~~CONFIDENTIAL~~ OKLA.



~~ELK CITY~~ OKLA

3599-132



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

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 - 79/31 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 detail on the ground and historical maps that is a single site may result in 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.

in its local context. 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 wetlands** should consult the advice of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

SYSTEM

SUBSYSTEM CLASS

L2EM2F

SUBCLASS WATER

UPLAND (NON-WETLAND)

B

R2OWH (LINEAR DEEPWATER HABITAT)

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

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 (INTERIOR STREAMS) may not meet the definition of wetlands.
- 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.

DATE: 11 / 83 DATE: / /
SCALE: 1:58 000 SCALE:
TYPE: CIR TYPE:

SYSTEM M - MARINE

SUBSYSTEM 1 - SUBTIDAL

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF	OW - OPEN WATER/ UNKNOWN BOTTOM
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Rooted Vascular 3 Unknown Submerged 4 Unknown Surface	1 Coral 2 Worm	

SUBSYSTEM 2 - INTERTIDAL

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF	RS - ROCKY SHORE	US - UNCONSOLIDATED SHORE	OW - OPEN WATER/ UNKNOWN BOTTOM
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Rooted Vascular 3 Unknown Submerged 4 Unknown Surface	1 Coral 2 Worm	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	

SYSTEM E - ESTUARINE

SUBSYSTEM 1 - SUBTIDAL

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF	OW - OPEN WATER/ UNKNOWN BOTTOM
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submerged 5 Unknown Surface	2 Multic. 3 Worm	

SUBSYSTEM 2 - INTERTIDAL

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RF - REEF	RS - ROCKY SHORE	US - UNCONSOLIDATED SHORE	EM - EMERGENT	SS - SCRUB SHRUB	FO - FORESTED
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Rooted Vascular 3 Floating Vascular 4 Unknown Submerged 5 Unknown Surface	2 Multic. 2 Sand 2 Worm	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Persistent 2 Nonpersistent	1 Broad Leaved Deciduous 2 Needle Leaved Deciduous 3 Broad Leaved Evergreen 4 Needle Leaved Evergreen 5 Broad Leaved Evergreen 6 Deciduous 7 Evergreen

SYSTEM R - RIVERINE

SUBSYSTEM 1 - TIDAL

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	RS - LOWER PERENNIAL	AS - AQUATIC BED	RF - ROCKY SHORE	US - UNCONSOLIDATED SHORE	OW - OPEN WATER/ UNKNOWN BOTTOM
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Bedrock 2 Rubble 3 Rooted Vascular 4 Sand 5 Muds 6 Organic 7 Vegetation	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged 6 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetation	

SUBSYSTEM 2 - LOWER PERENNIAL

SUBSYSTEM 3 - UPPER PERENNIAL

SUBSYSTEM 4 - INTERMITTENT

SUBSYSTEM 5 - EM - EMERGENT

SUBSYSTEM 6 - UNKNOWN PERENNIAL

SYSTEM L - LACUSTRINE

SUBSYSTEM 1 - LIMNETIC

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	OW - OPEN WATER/ UNKNOWN BOTTOM
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged 6 Unknown Surface	

SUBSYSTEM 2 - LITTORAL

CLASS	RB - ROCK BOTTOM	UB - UNCONSOLIDATED BOTTOM	AB - AQUATIC BED	RS - ROCKY SHORE	US - UNCONSOLIDATED SHORE	EM - EMERGENT	OW - OPEN WATER/ UNKNOWN BOTTOM
Birdless	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Aquatic Moss 3 Rooted Vascular 4 Floating Vascular 5 Unknown Submerged 6 Unknown Surface	1 Bedrock 2 Rubble 3 Muds	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	2 Nonpersistent	

*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS and comprises the only CLASS in the INTERMITTENT SUBSYSTEM

**EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSES are found in all SUBSYSTEMS