

NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR



 1 acre
 10 acres
 20 acres

ACREAGE GUIDE

Regional Director (ARDE) Region II
U.S. Fish and Wildlife Service
P.O. Box 1306
Albuquerque, New Mexico 87103

SPECIAL NOTE

SPICIAL 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-79/31 (December 1978). The aerial photographs typically cover conditions during the first half of the year and season when they were taken. In addition, there is a margin of error inherent in the use of the aerial photographs. Thus, delineation 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.

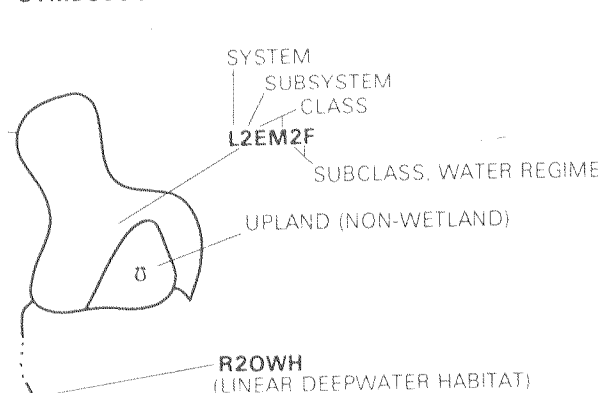
Federal, State and local regulatory agencies with jurisdiction over wetlands may determine the precise wetland boundary in a manner that is not used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, State or local government or to establish the geographical scope of the regulatory programs of any government. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should consult with the Federal, State, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect their activities.

SYMBOLGY EXAMPLE

SYSTEM
SUBSYSTEM
L2MZF
SUBCLASS, WATER REGIME
UPLAND (NON-WETLAND)
RWZHW
(PERMANENT DEEPWATER HABITAT)

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

SYMBOLGY EXAMPLE

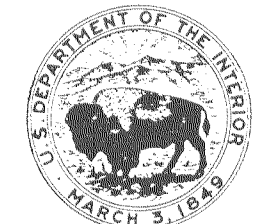


NOTES TO THE USER

- 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.
 - Subclasses, Classes, Subclasses, and Water Regimes in *Italics* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
 - Some areas designated as R4SB, R4SBW, OR R4SB (INTERMITTENT STREAMS) may not meet the definition of wetland.
 - This map uses the class Unconsolidated Shore (US) (OR class I) NWI maps that class was designated Beach-Bar (BB), or Flat (F) Subclasses remain the same in both versions.

AERIAL PHOTOGRAPHY

DATE: 9/81 DATE: _____
SCALE: 158 000 SCALE: _____
TYPE: CIR TYPE: _____



Prepared by National Wetlands Inventory

1989

M — MARINE

1 — SUBTIDAL

CLASS	RS — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM	AB — AQUATIC BED	IR — REEF	OW — OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Algal/Vascular 3 Floating Vascular 4 Unknown Submerged	1 Coral 2 Sponges 3 Unknown	

2 — INTERTIDAL

CLASS	RS — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM	AB — AQUATIC BED	IR — REEF	OW — OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Algal/Vascular 3 Floating Vascular 4 Unknown Submerged 5 Unknown Surface	1 Coral 2 Sponges 3 Unknown	

E — ESTUARINE

1 — SUBTIDAL

CLASS	RS — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM	AB — AQUATIC BED	IR — REEF	OW — OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Algal/Vascular 3 Floating Vascular 4 Unknown Submerged 5 Unknown Surface	1 Coral 2 Sponges 3 Unknown	

2 — INTERTIDAL

CLASS	RS — ROCK SHORE	UB — UNCONSOLIDATED SHORE	AB — AQUATIC BED	IR — REEF	SB — STREAMBED	EM — EMERGENT	OW — OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Algal/Vascular 3 Floating Vascular 4 Unknown Surface	1 Coral 2 Sponges 3 Unknown	1 Perennial 2 Nonperennial	1 Broad Leaved Deciduous 2 Needle Leaved Deciduous 3 Broad Leaved Evergreen 4 Needle Leaved Evergreen 5 Dead 6 Deciduous 7 Evergreen	

L — LACUSTRINE

1 — LIMNETIC

CLASS	RS — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM	AB — AQUATIC BED	OW — OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged 5 Unknown Surface	

2 — LITTORAL

CLASS	RS — ROCK SHORE	UB — UNCONSOLIDATED SHORE	AB — AQUATIC BED	IR — ROCKY SHORE	UB — UNCONSOLIDATED SHORE	EM — EMERGENT	OW — OPEN WATER/ Unknown Bottom
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Unknown Submerged 5 Unknown Surface	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	1 Nonperennial	

R — RIVERINE

1 — TIDAL

CLASS	RS — ROCK	UB — UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic

2 — LOWER PERENNIAL

CLASS	SB — STREAMBED	AB — AQUATIC BED	IR — ROCKY SHORE	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Bedrock 2 Rubble 3 Cobble Gravel 4 Sand 5 Muds 6 Organic 7 Vegetated	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Organic 5 Unknown Surface	1 Bedrock 2 Rubble 3 Muds 4 Organic 5 Vegetated	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial

3 — UPPER PERENNIAL

CLASS	RS — ROCKY SHORE	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Bedrock 2 Rubble 3 Muds 4 Organic 5 Vegetated	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial

4 — INTERMITTENT

CLASS	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial

5 — UNKNOWN PERENNIAL

CLASS	OW — OPEN WATER/ Unknown Bottom
Subclass	

P — PALUSTRINE

1 — TIDAL

CLASS	RS — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic

2 — LOWER PERENNIAL

CLASS	SB — STREAMBED	AB — AQUATIC BED	IR — ROCKY SHORE	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Organic 5 Unknown Surface	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Unknown Surface	1 Bedrock 2 Rubble 3 Muds 4 Organic 5 Vegetated	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial

3 — UPPER PERENNIAL

CLASS	RS — ROCKY SHORE	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Bedrock 2 Rubble 3 Muds 4 Organic 5 Vegetated	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial

4 — INTERMITTENT

CLASS	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial

5 — UNKNOWN PERENNIAL

CLASS	OW — OPEN WATER/ Unknown Bottom
Subclass	

S — SCRUB SHRUB TO — FORESTED

1 — TIDAL

CLASS	RS — ROCK BOTTOM	UB — UNCONSOLIDATED BOTTOM
Subclass	1 Bedrock 2 Rubble	1 Cobble Gravel 2 Sand 3 Muds 4 Organic

2 — LOWER PERENNIAL

CLASS	SB — STREAMBED	AB — AQUATIC BED	IR — ROCKY SHORE	UB — UNCONSOLIDATED SHORE	EM — EMERGENT
Subclass	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Organic 5 Unknown Surface	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Unknown Surface	1 Bedrock 2 Rubble 3 Muds 4 Organic 5 Vegetated	1 Cobble Gravel 2 Sand 3 Muds 4 Organic 5 Vegetated	2 Nonperennial