

UNITED STATES DEPARTMENT OF THE INTERIOR

3697-434

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

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

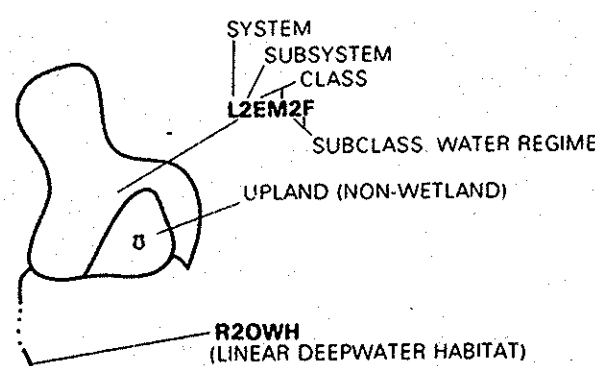
This document was prepared primarily by stereoscopic analysis of high altitude aerial photographs. Wetlands were identified on the photographs based on vegetation, visible hydrology, and geography in accordance with Classification of Wetlands and Deepwater Habitats of the United States (FWS/OBS-83/10) (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 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.

his 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 by Federal, State or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons entering to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of the appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect their activities.

R (LOW) (RINEW) (DEEPWATER HABITAT)

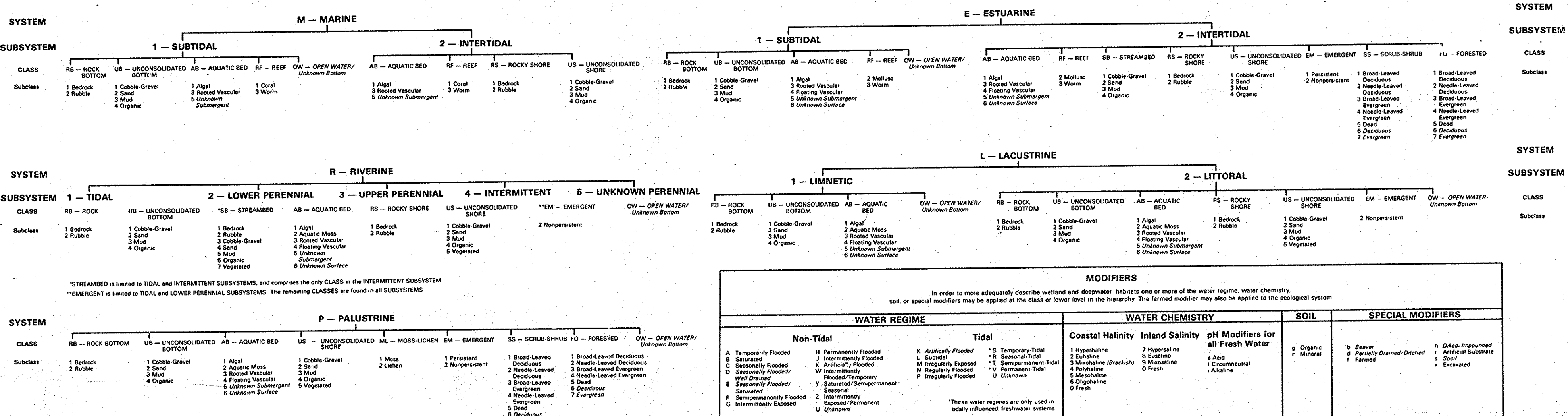
U - Primarily represents upland areas, but may include unclassified wetlands of the appropriate Federal, State, photo-identifiable areas and/or unintentional omissions



- 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 Regions in *Italcas* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R4SB, R4SBW, 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.

0 01

DATE: 9/81 DATE:
SCALE: 1:58000 SCALE:
TYPE: CIR TYPE:



and deerwater, habitats one or more of the water regime, water chemistry,

In order to more adequately describe wetland and deepwater habitats one or more of the water regime, water chemistry, soil, or seasonal modifiers may be applied as the class or lower level in the hierarchy. The former modifier may also be applied to the ecological system.

WATER REGIME	WATER CHEMISTRY	SOIL
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Tidal	Con
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pH Modifiers

[illegible]

1000

	Tidal	Sea
fully flooded	* S. Temporary-Tidal	1 Hyp

7 Hypersaline

Organic	b Beaver	h
	d. Quarterly. Quarterly. Quarterly.	

ended
state

* R Seasonal-Tidal	2 Euh
* T Semipermanent-Tidal	3 Mos
* V Permanent-Tidal	4 Per

8 Eusaine	a Acid
9 Moxosaine	1 Circumneutral
0 Fresh	

Mineral	8 Partially Drained, Drained	1
	1 Farmed	5
		x

100

Early Flooded V Permanently Flooded 4 Vol
Early Flooded U Unknown 5 Met
6 Olig

... ..

1. *Chlorophyll a* and *Chlorophyll b* were determined by the method of Arar and Collins (1971) using a Shimadzu 1601 UV-Visible Spectrophotometer. The concentration of chlorophyll was expressed in $\mu\text{g mL}^{-1}$.

1. *Journal of the American Medical Association*, 1997; 278: 1039-1044.

*These water sources are only used in

1. *Chlorophyll a* (Chl *a*)

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