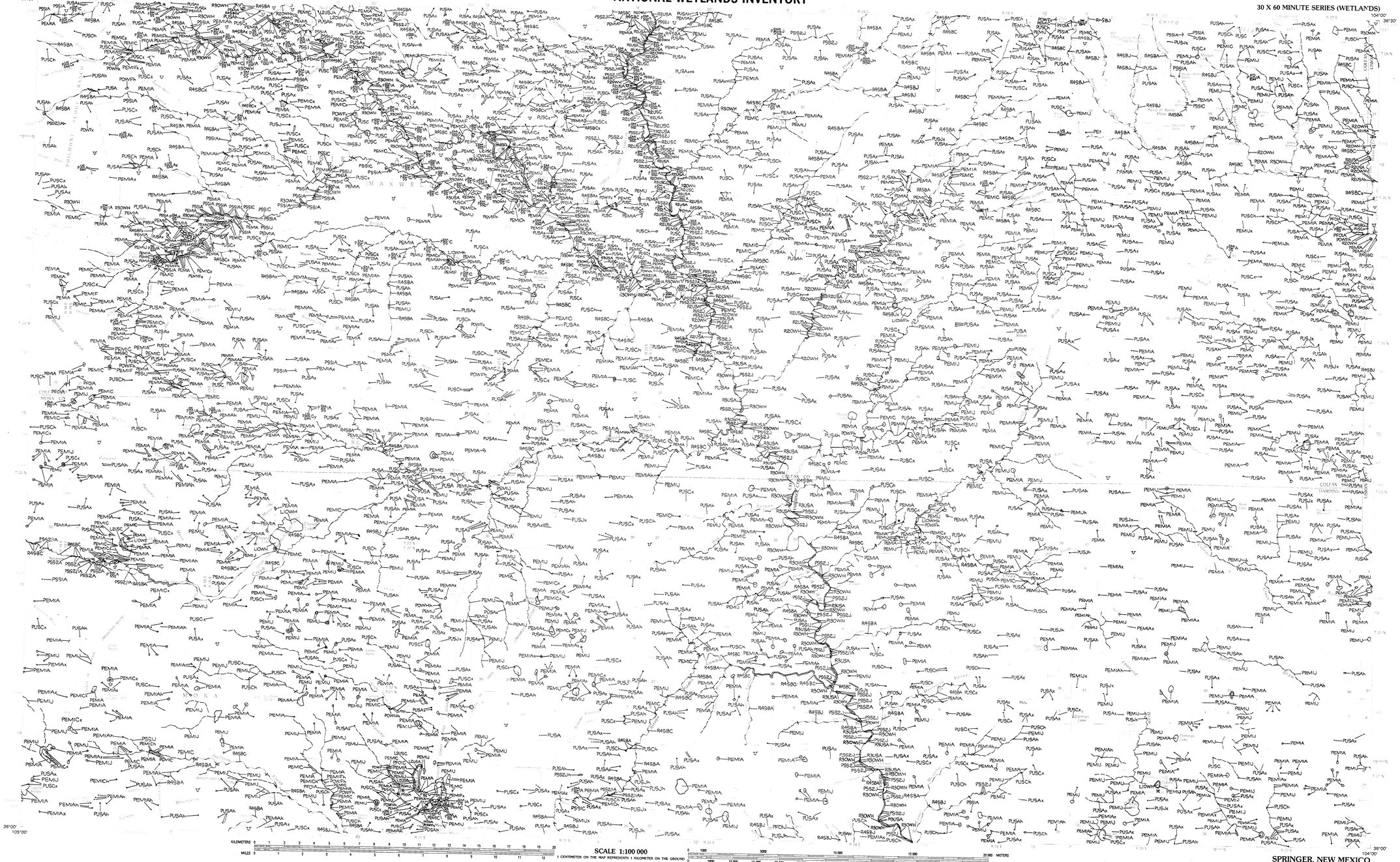
SPRINGER, NEW MEXICO

NATIONAL WETLANDS INVENTORY

30 X 60 MINUTE SERIES (WETLANDS)



Springer
NEW MEXICO

1:100 000 — Scale Map of

National Wetlands Inventory

- Wetland classifications
- Highways, roads and other manmade structures
- Water features
- Geographic names

FISH & WILDLIFE SERVICE

1984

Produced by the United States Fish and Wildlife Service

Wetlands classifications from 1:58,000 scale color infrared aerial photographs taken 1981, 1982 and other source data.

Projection and 10,000 meter, zone 12 Universal Transverse Mercator
25,000-foot grid ticks based on New Mexico coordinate system, central and east zones 1927 North American datum
To place on the predicted North American Datum 1983 move the projection line 0 meters south and 47 meters east

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** (Ad. Operational Draft) Cowardin, et al, 1977. The aerial photographs typically portray wetland conditions during the specific year and season when they were taken. In addition, the interpretations of wetland boundaries are the use of the aerial photographs. Thus, a detailed on the ground and historical analysis of a 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 identified on the photographs.

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. It was not the intent, 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 wetland regulatory agencies, applicable agency regulatory programs and proprietary jurisdictions that may affect such activities.

CONVERSION TABLE

Meters	Feet
1	3.2808
2	6.5617
3	9.8425
4	13.1234
5	16.4042
6	19.6850
7	22.9659
8	26.2467
9	29.5276
10	32.8084

To convert meters to feet multiply by 3.2808
To convert feet to meters multiply by 0.3048

DECLINATION DIAGRAM

UTM grid convergence (GN) and 1984 magnetic declination (MN) at center of map
Diagram is approximate

ADJOINING MAPS

1	2	3
4	5	
6	7	8

1. Wheeler Peak
2. Raton
3. Capulin Mountain
4. Tres
5. Clayton
6. Santa Fe
7. Roy
8. Mosquero

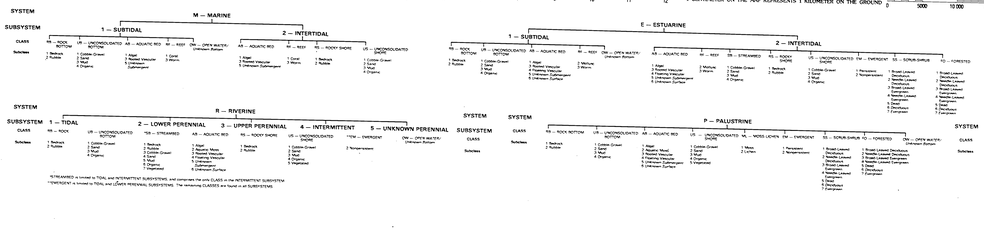
NOTES TO THE USER

- 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 (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.

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

SPRINGER, NEW MEXICO
(SE ¼ of Raton 1:250,000)



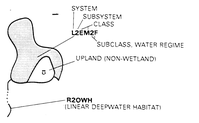
MODIFIERS

In order to more adequately describe wetland and deepwater habitats and deepwater habitats grid or more of the water regime, water chemistry, soil, or special modifiers may be applied at the class or lower level in the hierarchy. The tidal modifier may also be applied to the estuarine system.

WATER REGIME		WATER CHEMISTRY		SOIL	SPECIAL MODIFIERS
Non-Tidal	Tidal	Coastal Halinity	Inland Salinity	pH Modifiers for all Fresh Water	
1 Temporarily Flooded 2 Saturated 3 Seasonally Flooded 4 Semi-Permanently Flooded 5 Permanently Flooded 6 Seasonally Saturated 7 Intermittently Exposed	8 Permanently Flooded 9 Intermittently Flooded 10 Subtidal 11 Irregularly Flooded 12 Regularly Flooded 13 Semi-Permanently Flooded (Tidal) 14 Seasonally Flooded (Tidal) 15 Intermittently Exposed (Tidal) 16 Permanently Flooded-Tidal	17 Hyperhaline 18 Euhaline 19 Mixohaline (Brackish) 20 Oligohaline 21 Mesohaline 22 Polyhaline 23 Fresh	24 Hyperhaline 25 Euhaline 26 Mixohaline 27 Oligohaline 28 Mesohaline 29 Polyhaline 30 Fresh	31 Acid 32 Circumneutral 33 Alkaline	34 Partially Drained/Ditched 35 Farmed 36 Diked/Impounded 37 Artificial Substrate 38 Spoil 39 Excavated

*These water regimes are only used in habitat, influenced freshwater systems.

SYMBOLOGY EXAMPLE



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

DRAFT