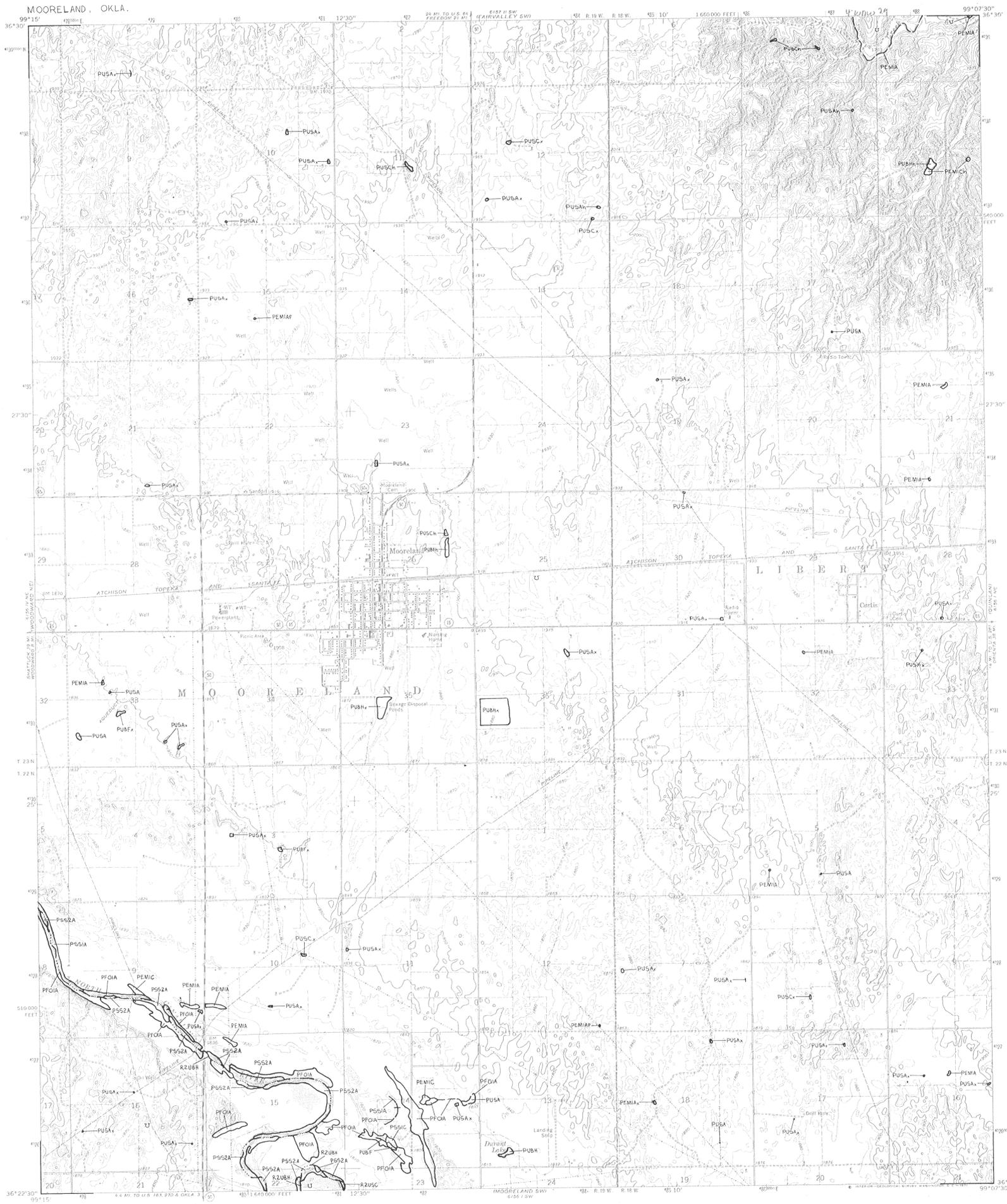


NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



3699-143



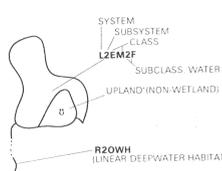
Other information including a narrative report concerning the wetland resources depicted on this document may be available. For information, contact:

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

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 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 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 (*).
- 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, R4SBV, or R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
- This map uses the class Unconsolidated Shore (US).
- Earlier NWI maps that class was designated Beach/Bar (BB) or Flat (FL) Subclasses remain the same in both versions.



U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Prepared by National Wetlands Inventory

1987

AERIAL PHOTOGRAPHY

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

SYSTEM	1 - SUBTIDAL	2 - INTERTIDAL	1 - SUBTIDAL	2 - INTERTIDAL	1 - SUBTIDAL	2 - INTERTIDAL	
CLASS	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	
SUBCLASS	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic

SYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM
SUBCLASS	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic

SYSTEM	1 - LIMNETIC	2 - LITTORAL
CLASS	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM	AB - AQUATIC BED RF - REEF RS - ROCKY SHORE US - UNCONSOLIDATED SHORE EM - EMERGENT SS - SCRUB SHRUB FO - FORESTED
SUBCLASS	1 Bedrock 2 Rubble 3 Cobble-Gravel 4 Sand 5 Muds 6 Organic	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface

SYSTEM	1 - PALUSTRINE
CLASS	RB - ROCK BOTTOM UR - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RF - REEF OW - OPEN WATER/UNKNOWN BOTTOM
SUBCLASS	1 Algal 2 Aquatic Moss 3 Floating Vascular 4 Submerged Vascular 5 Unknown Substrate 6 Unknown Surface

MODIFIERS			
WATER REGIME		WATER CHEMISTRY	
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity
A. Temporarily Flooded B. Seasonally Flooded C. Seasonally Flooded D. Seasonally Flooded E. Seasonally Flooded F. Seasonally Flooded G. Intermittently Flooded H. Permanently Flooded I. Intermittently Flooded J. Intermittently Flooded K. Artificially Flooded L. Subtidal M. Seasonally Flooded N. Regularly Flooded O. Intermittently Flooded P. Regularly Flooded	1. Temporarily Tidal 2. Seasonally Tidal 3. Seasonally Tidal 4. Seasonally Tidal 5. Seasonally Tidal 6. Seasonally Tidal 7. Seasonally Tidal 8. Seasonally Tidal 9. Seasonally Tidal 10. Seasonally Tidal 11. Seasonally Tidal 12. Seasonally Tidal 13. Seasonally Tidal 14. Seasonally Tidal 15. Seasonally Tidal 16. Seasonally Tidal 17. Seasonally Tidal 18. Seasonally Tidal 19. Seasonally Tidal 20. Seasonally Tidal	1. Freshwater 2. Brackish 3. Brackish 4. Brackish 5. Brackish 6. Brackish 7. Brackish 8. Brackish 9. Brackish 10. Brackish 11. Brackish 12. Brackish 13. Brackish 14. Brackish 15. Brackish 16. Brackish 17. Brackish 18. Brackish 19. Brackish 20. Brackish	1. Freshwater 2. Brackish 3. Brackish 4. Brackish 5. Brackish 6. Brackish 7. Brackish 8. Brackish 9. Brackish 10. Brackish 11. Brackish 12. Brackish 13. Brackish 14. Brackish 15. Brackish 16. Brackish 17. Brackish 18. Brackish 19. Brackish 20. Brackish