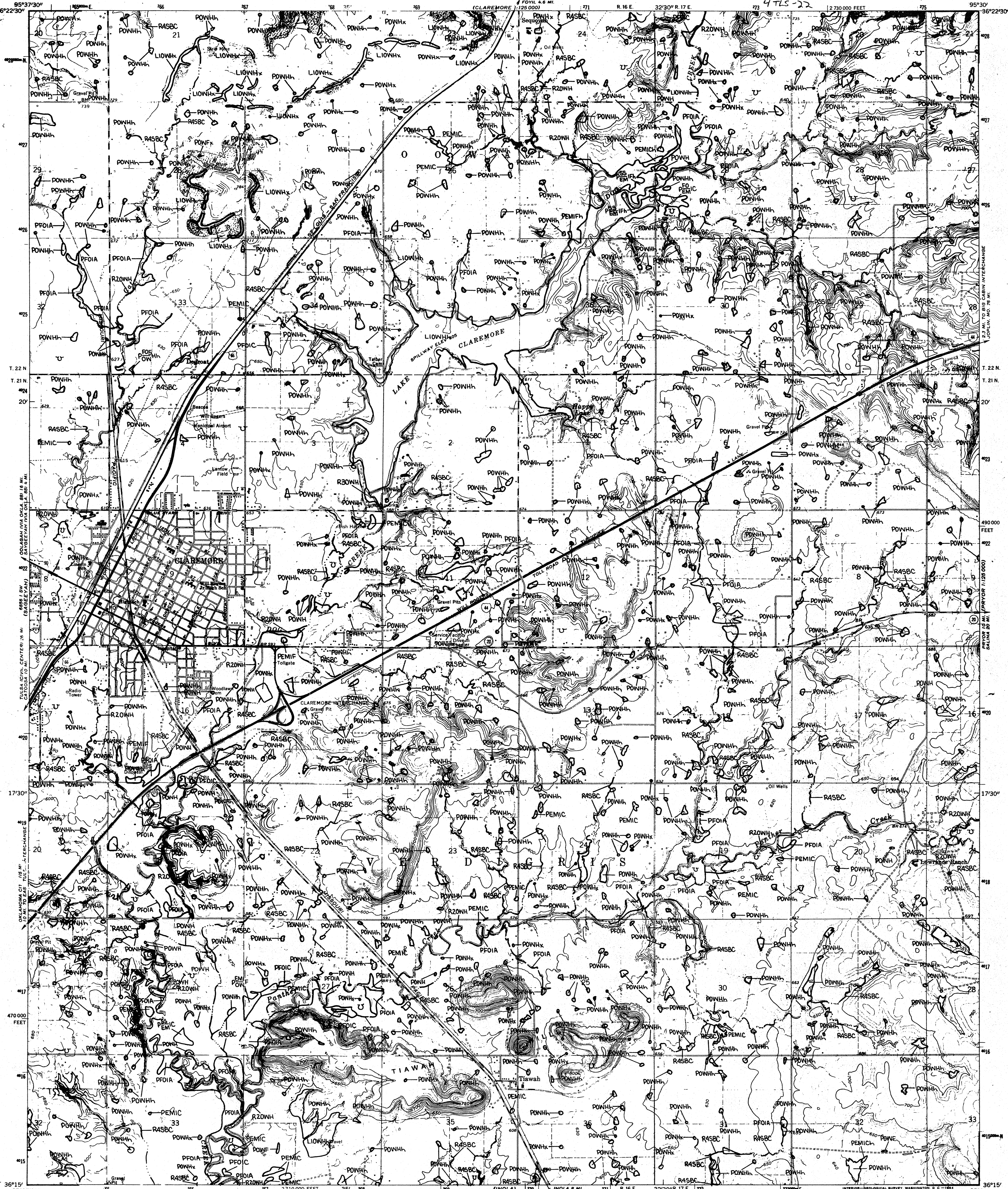
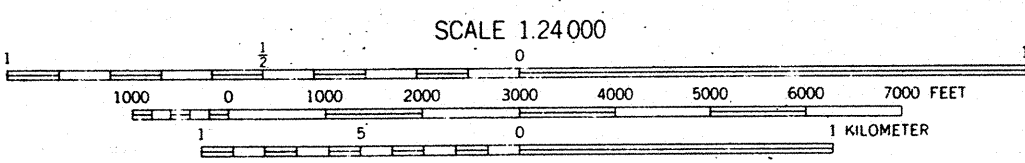


NATIONAL WETLANDS INVENTORY
UNITED STATES DEPARTMENT OF THE INTERIOR

CLAREMORE, OKLA.



CLAREMORE, OKLA. 3695-241



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

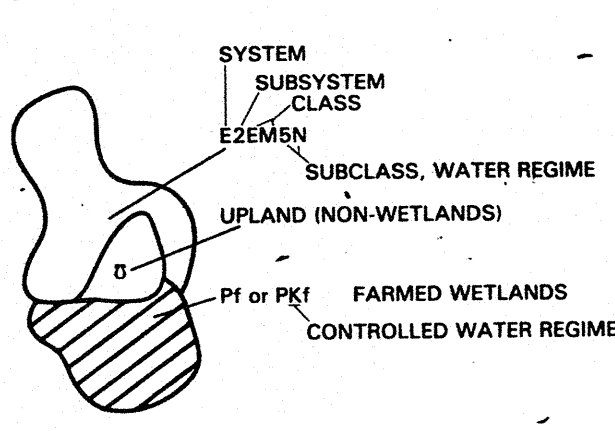
Regional Director (ARDE) Region II
U.S. Fish and Wildlife Service
P.O. Box 1306
Albuquerque, New Mexico 87103

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 Deep-Water Habitats of the United States (An Operational Draft), Cowardin, et al., 1977. 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.

SYMBOLY EXAMPLE



NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (*).
- Dominance type (either vegetative or sedentary animal) can be added to the map by the interested user.
- Additions or corrections to the wetlands information displayed on this map are solicited. Please forward such information to the address indicated.
- Some areas designated R4SB, R4SBW, or R4SBJ (intermittent streams) may not meet the definition of wetlands.

AERIAL PHOTOGRAPHY

DATE: 4 / 80

SCALE: 1:58 000

TYPE: CIR

DATE: 3 / 81

SCALE: 1:58 000

TYPE: CIR

DATE: / /

SCALE: /

TYPE: /

U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE

Prepared by Office of Biological Services
for the National Wetlands Inventory

WETLAND LEGEND

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

ECOLOGICAL SYSTEM		E - ESTUARINE		M - MARINE	
Ecological Subsystem		1 - Subtidal	2 - Intertidal	1 - Subtidal	2 - Intertidal
CLASS	SUBCLASS	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC
ECOLOGICAL SYSTEM		P - PALUSTRINE		L - LACUSTRINE	
Ecological Subsystem		1 - Subtidal	2 - Intertidal	1 - Subtidal	2 - Intertidal
CLASS	SUBCLASS	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC
ECOLOGICAL SYSTEM		R - RIVERINE		S - SAVANNAH	
Ecological Subsystem		1 - Subtidal	2 - Intertidal	1 - Subtidal	2 - Intertidal
CLASS	SUBCLASS	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC	1 - ROCK BOTTOM 2 - SAND 3 - MUD 4 - ORGANIC

MODIFYING TERMS	
In order to more adequately describe wetland and aquatic habitats one 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 farm modifier may also be applied to the ecological system.	
WATER REGIME(1)	
Non-Tidal	Tidal
1 - Temporary	1 - Seasonal Tidal
2 - Intermittent	2 - Intermittent Tidal
3 - Semi-Permanent	3 - Semi-Permanent Tidal
4 - Permanent	4 - Permanent Tidal
5 - Intermittently Exposed	5 - Intermittently Exposed
6 - Intermittently Flooded	6 - Intermittently Flooded
7 - Intermittently Flooded/Temporary	7 - Intermittently Flooded/Temporary
8 - Intermittently Flooded/Permanent	8 - Intermittently Flooded/Permanent
9 - Intermittently Flooded/Seasonal	9 - Intermittently Flooded/Seasonal
10 - Intermittently Flooded/Unknown	10 - Intermittently Flooded/Unknown
WATER CHEMISTRY	
1 - Freshwater	2 - Brackish
3 - Saline	4 - Marine
5 - Acid	6 - Alkaline
7 - Hypersaline	8 - Hypersaline
9 - Hypersaline/Brackish	10 - Hypersaline/Brackish
11 - Hypersaline/Saline	12 - Hypersaline/Saline
13 - Hypersaline/Marine	14 - Hypersaline/Marine
15 - Hypersaline/Unknown	16 - Hypersaline/Unknown
SOIL	
1 - Organic	2 - Inorganic
3 - Peaty	4 - Silty
5 - Sandy	6 - Clayey
7 - Silty	8 - Clayey
9 - Silty/Clayey	10 - Silty/Clayey
11 - Silty/Sandy	12 - Silty/Sandy
13 - Silty/Marshy	14 - Silty/Marshy
15 - Silty/Unknown	16 - Silty/Unknown
SPECIAL MODIFIERS	
1 - Disadvantaged	2 - Disadvantaged
3 - Disadvantaged	4 - Disadvantaged
5 - Disadvantaged	6 - Disadvantaged
7 - Disadvantaged	8 - Disadvantaged
9 - Disadvantaged	10 - Disadvantaged
11 - Disadvantaged	12 - Disadvantaged
13 - Disadvantaged	14 - Disadvantaged
15 - Disadvantaged	16 - Disadvantaged

(1) EM - Emergent is only found in the Riverine Tidal and Riverine Lower Palustrine Ecological Subsystems. All other classes are found in all Riverine Ecological Subsystems.

(1) Information on the water regime modifiers found on this legend, but not found in the classification system, may be obtained from the above listed source.