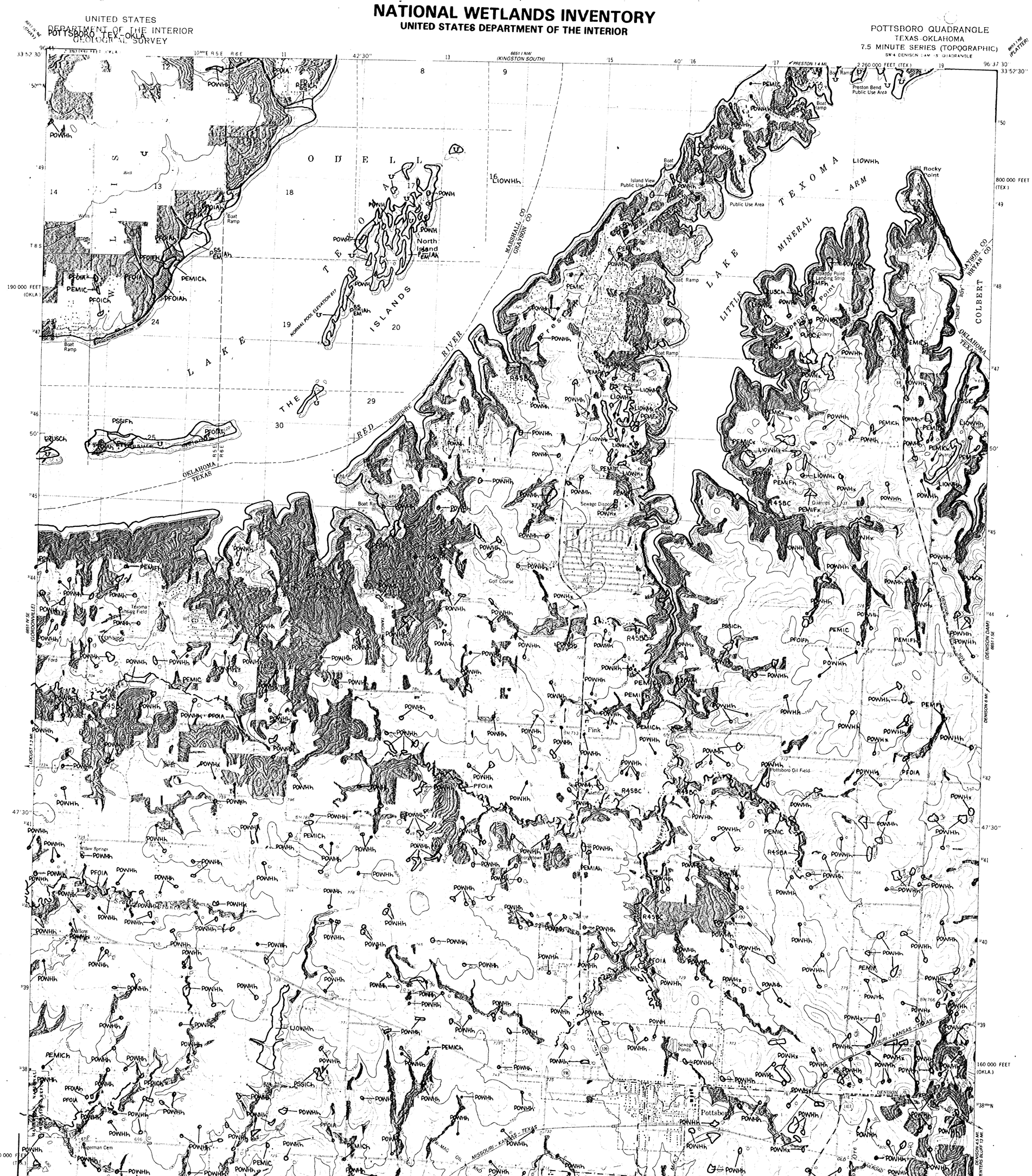
339-342

AF 1406KG-D

NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



SHERMAN NE
SHERMAN
Mapped, edited, and published by the Geological Survey
Control by USGS and NOS/NOAA

Topography by photogrammetric methods from aerial photographs taken 1976. Field checked 1979. Map edited 1982

Projection: Texas coordinate system, north central zone (Lambert conformal conic)

SCALE 1:24 000

10,000 foot grid ticks based on Texas coordinate system, north central zone and Oklahoma coordinate system, south zone (Lambert conformal conic)

1000 meter Universal Transverse Mercator grid, zone 14

1927 North American Datum

To place on the predicted North American Datum 1983 move the projection lines 8 meters south and 26 meters east as shown by dashed corner ticks

There may be private inholdings within the boundaries of the National or State reservations shown on this map

Areas covered by dashed light-blue pattern are

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

SCALE 1:24 000

1 MILE
1 KILOMETER
7000 FEET

UTM GRID AND 1982 MAGNETIC DECLINATION AT CENTER

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.

SYMBOLOGY EXAMPLE

CONTOUR INTERVAL 5 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929

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.

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AERIAL PHOTOGRAPHY

DATE: 3 / 82
SCALE: 1:65 000
TYPE: CIR
DATE: / /
SCALE:
TYPE:
DATE: / /
SCALE:
TYPE:

ROAD CLASSIFICATION

Primary highway, hard surface — Lightly-traveled hard or improved surface
Secondary highway, hard surface — Unimproved road
Interstate Route ◯ U.S. Route ◯ State Route

POTTSBORO, TEX.-OKLA.

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TEX.-OKLA.
15' QUADRANGLE
37.5/7.5
SW-SERIES V882

DENISON DAM SW, TEX.-OKLA.
U.S. DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
Prepared by Office of Biological Services for the National Wetlands Inventory
1990

WETLAND LEGEND

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

E – ESTUARINE

ECOLOGICAL SYSTEM → Ecological Subsystem: 1 – Subtidal; 2 – Intertidal → CLASS: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; RF – REEF; OW – OPEN WATER, Unknown Bottom; SB – STREAMBED; RS – ROCKY SHORE; BB – BEACH/BAR; EM – EMERGENT; SS – SCRUB/SHRUB; FO – FORESTED → Subclass

M – MARINE

ECOLOGICAL SYSTEM → Ecological Subsystem: 1 – Subtidal; 2 – Intertidal → CLASS: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; RF – REEF; OW – OPEN WATER, Unknown Bottom; RS – ROCKY SHORE; BB – BEACH/BAR; FM – EMERGENT → Subclass

P – PALUSTRINE

ECOLOGICAL SYSTEM → No Subsystem → CLASS: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; ML – MOSS LICHEN; EM – EMERGENT; SS – SCRUB/SHRUB; FO – FORESTED; OW – OPEN WATER, Unknown Bottom → Subclass

L – LACUSTRINE

ECOLOGICAL SYSTEM → Ecological Subsystem: 1 – Limnetic; 2 – Littoral → CLASS: RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; RS – ROCKY SHORE; BB – BEACH/BAR; EM – EMERGENT; OW – OPEN WATER, Unknown Bottom → Subclass

R – RIVERINE

ECOLOGICAL SYSTEM → Ecological Subsystem: 1 – Tidal; 2 – Lower Perennial; 3 – Upper Perennial; 4 – Intermittent; 5 – Unknown Perennial → CLASS: EM – EMERGENT(1); RB – ROCK BOTTOM; UB – UNCONSOLIDATED BOTTOM; AB – AQUATIC BED; FL – FLAT; SB – STREAMBED; RS – ROCKY SHORE; BB – BEACH/BAR; OW – OPEN WATER, Unknown Bottom → Subclass

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 farmed modifier may also be applied to the ecological system.

WATER REGIME(1): Non Tidal (A Temporary, B Saturated, C Seasonal, D Seasonal Tidal, E Intermittent Tidal, F Semipermanent, G Intermittent, H Permanent, J Intermittent Flooded, K Artificial); Tidal (L Subtidal, M Irregularly Exposed, N Regularly Flooded, P Irregularly Flooded)

WATER CHEMISTRY: Coastal Salinity (1 Hyperhaline, 2 Euhaline, 3 Mixohaline (Brackish), 4 Polyhaline); Inland Salinity (5 Mesohaline, 6 Oligohaline, 7 Fresh); pH Modifiers for all Fresh Water (8 Acid, 9 Circumneutral, 0 Alkaline)

SOIL: (1 Organic, 2 Mineral)

SPECIAL MODIFIERS: (b Beaver, d Partly Drained/Ditched, f Farmed, h Diked/Impounded, r Artificial Substrate, s Spoil, x Excavated)

(1) Water regime modifiers are not applicable to the Marine, Estuarine, Lacustrine, or Palustrine Systems.

SYSTEM
SUBSYSTEM
CLASS
SUBCLASS
WATER REGIME

Examples: PEMCh, PFO1Ah, PSSICh, PEMIFh, L1OWHh, R4SBC, R4SBA, PUSCh, PEMICx, POWHx

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