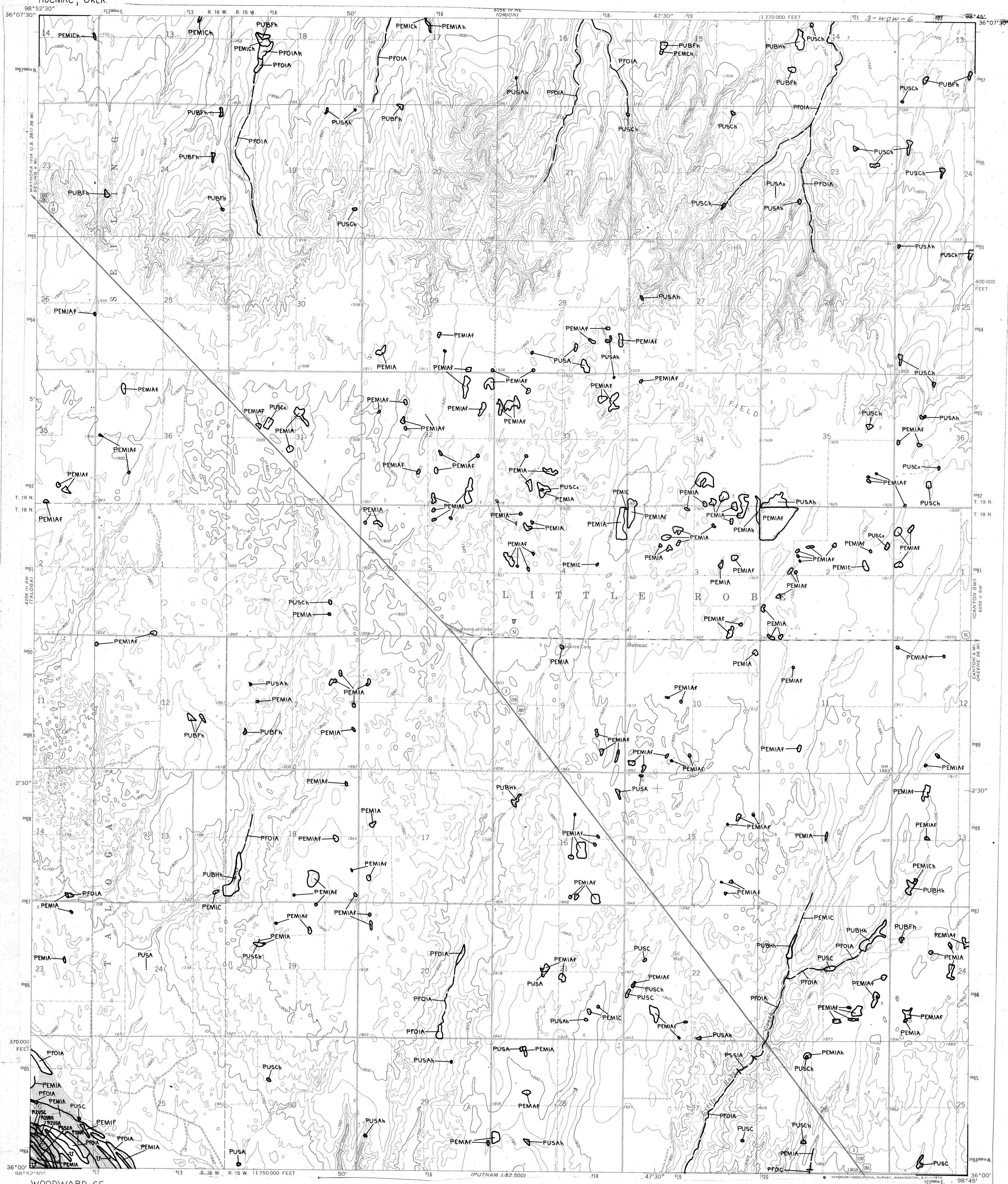


HUCMAC 1989

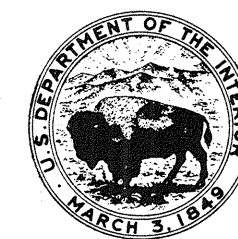
HUCMAC, OKLA.



WOODWARD SE  
FAIRVIEW

ECOLOGICAL SERVICES  
222 S. HOUSTON, SUITE A  
TULSA, OK 74127

HUCMAC, OKLA.



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

1989

### 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 single sites may result in a revision of the wetland boundaries established therefrom and a different 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 consult the study of appropriate Federal, State or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.**

### SYMBOLGY EXAMPLE

SYSTEM  
SUBSYSTEM  
CLASS  
**L2EM2F**  
SUBCLASS, WATER REGIME  
UPLAND (NON-WETLAND)  
σ  
R2OWH  
(LINEAR DEEPWATER HABITAT)

## NOTES TO THE USER

- 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 the NWI maps that class was designated Beach/Bar (BB), or Flat (FL). Subclasses remain the same in both versions.

## AERIAL PHOTOGRAPHY

DATE: 10 / 81  
SCALE: 1:58 000  
TYPE: CIR

DATE: \_\_\_\_/\_\_\_\_/\_\_\_\_  
SCALE: \_\_\_\_  
TYPE: \_\_\_\_


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**


SCALE 1:24,000

1000 0 1000 2000 3000 4000 5000 6000 7000 FEET

0 5 1 KILOMETER

 1 acre

 10 acres

 20 acres

**ACREAGE GUIDE**