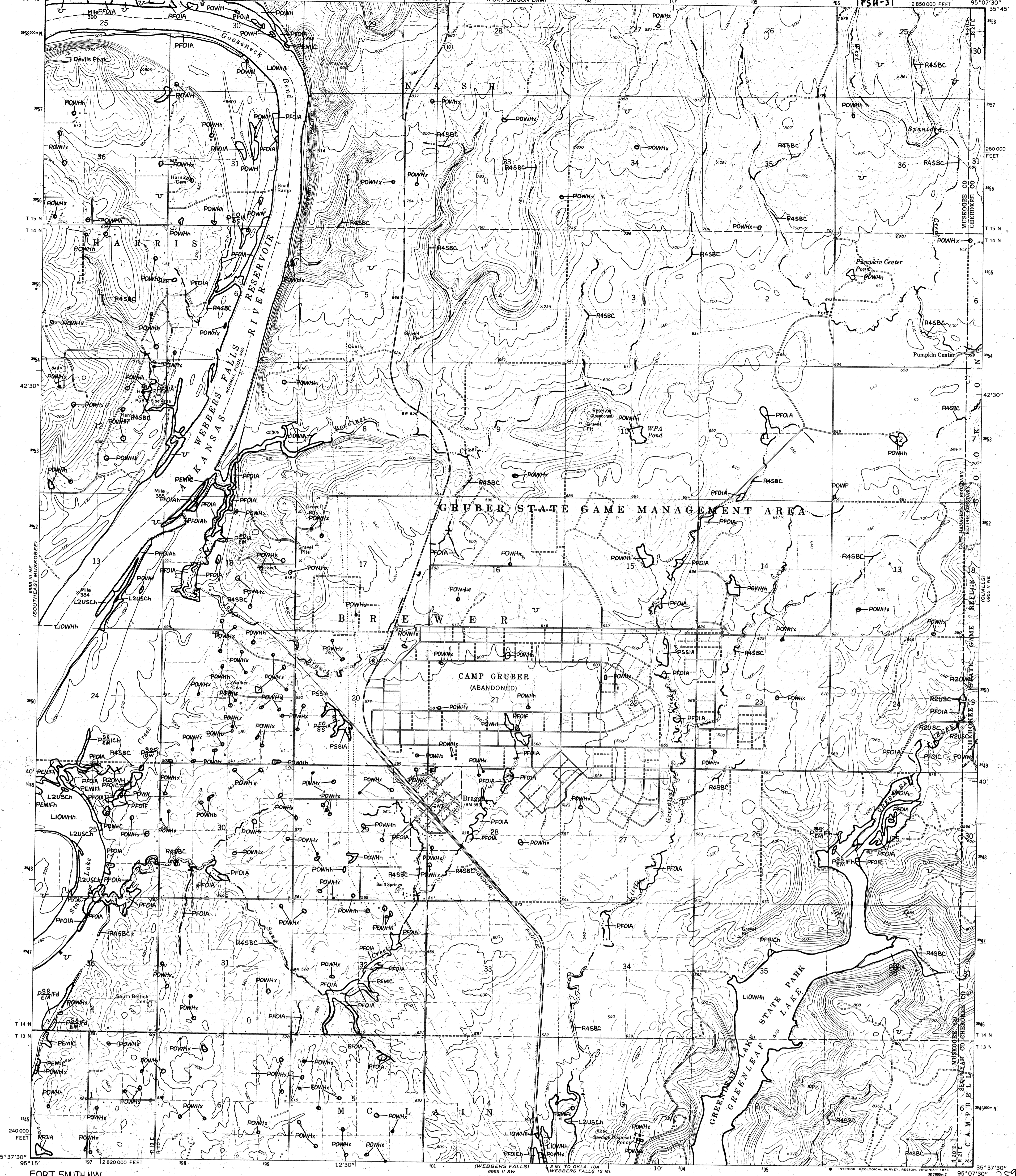


NATIONAL WETLANDS INVENTORY

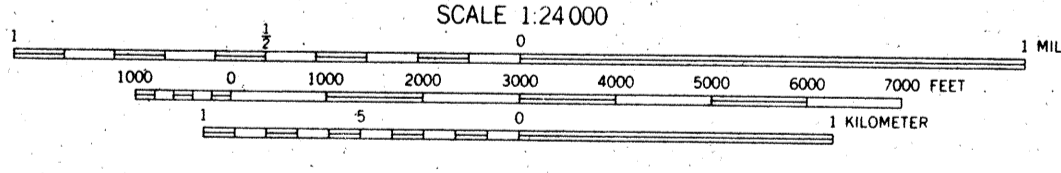
UNITED STATES DEPARTMENT OF THE INTERIOR

BRAGGS, OKLA.



FORT SMITH NW
MUSKOGEE

BRAGGS, OKLA.

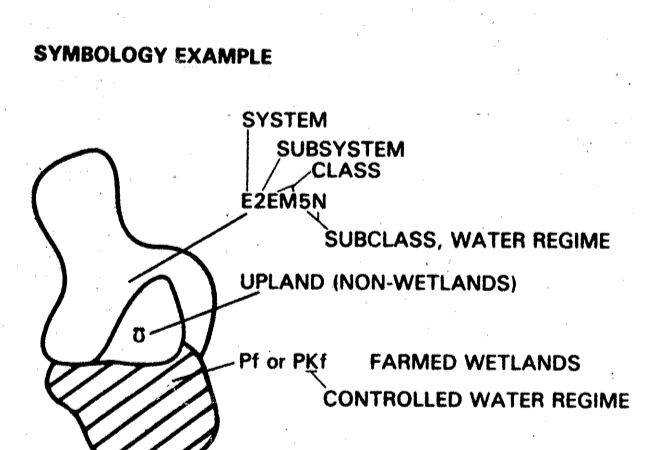


Other information concerning the wetland resources depicted on this document may be available. For information, contact:

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 topography 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 to define the limits of proprietary jurisdiction 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.



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, R4BSW, or R4SBJ (intermittent streams) may not meet the definition of wetlands.

AERIAL PHOTOGRAPHY

DATE: 4/1/80
SCALE: 1:58,000
TYPE: CIR
DATE: 3/1/81
SCALE: 1:58,000
TYPE: CIR
DATE: / /
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	Subsystem	CLASS	Subclass
E - ESTUARINE	1 - Subtidal	UB - UNCONSOLIDATED BOTTOM	UB - UNCONSOLIDATED BOTTOM
	2 - Intertidal	AB - AQUATIC BED	AB - AQUATIC BED
M - MARINE	1 - Subtidal	UB - UNCONSOLIDATED BOTTOM	UB - UNCONSOLIDATED BOTTOM
	2 - Intertidal	AB - AQUATIC BED	AB - AQUATIC BED
P - PALUSTRINE	1 - Tidal	UB - UNCONSOLIDATED BOTTOM	UB - UNCONSOLIDATED BOTTOM
	2 - Lower Perennial	AB - AQUATIC BED	AB - AQUATIC BED
L - LACUSTRINE	1 - Littoral	UB - UNCONSOLIDATED BOTTOM	UB - UNCONSOLIDATED BOTTOM
	2 - Littoral	AB - AQUATIC BED	AB - AQUATIC BED
R - RIVERINE	1 - Tidal	UB - UNCONSOLIDATED BOTTOM	UB - UNCONSOLIDATED BOTTOM
	2 - Lower Perennial	AB - AQUATIC BED	AB - AQUATIC BED

MODIFYING TERMS	
WATER REGIME(1)	
Non-Tidal	Tidal
A - Temporary B - Seasonal C - Seasonal Wet-dried D - Seasonal E - Semipermanent F - Permanent G - Intermittent H - Intermittent Flooded I - Submergent J - Intermittent Exposed K - Regularly Exposed L - Regularly M - Intermittent N - Intermittent O - Unknown	1 - Seasonal 2 - Temporary 3 - Semipermanent 4 - Permanent 5 - Intermittent 6 - Intermittent 7 - Intermittent 8 - Intermittent 9 - Intermittent 10 - Intermittent 11 - Intermittent 12 - Intermittent 13 - Intermittent 14 - Intermittent 15 - Intermittent 16 - Intermittent 17 - Intermittent 18 - Intermittent 19 - Intermittent 20 - Intermittent 21 - Intermittent 22 - Intermittent 23 - Intermittent 24 - Intermittent 25 - Intermittent 26 - Intermittent 27 - Intermittent 28 - Intermittent 29 - Intermittent 30 - Intermittent 31 - Intermittent 32 - Intermittent 33 - Intermittent 34 - Intermittent 35 - Intermittent 36 - Intermittent 37 - Intermittent 38 - Intermittent 39 - Intermittent 40 - Intermittent 41 - Intermittent 42 - Intermittent 43 - Intermittent 44 - Intermittent 45 - Intermittent 46 - Intermittent 47 - Intermittent 48 - Intermittent 49 - Intermittent 50 - Intermittent

WATER CHEMISTRY	
Coastal Salinity	Interior Salinity
1 - Hypersaline 2 - Hypersaline 3 - Hypersaline 4 - Hypersaline 5 - Hypersaline 6 - Hypersaline 7 - Hypersaline 8 - Hypersaline 9 - Hypersaline 10 - Hypersaline 11 - Hypersaline 12 - Hypersaline 13 - Hypersaline 14 - Hypersaline 15 - Hypersaline 16 - Hypersaline 17 - Hypersaline 18 - Hypersaline 19 - Hypersaline 20 - Hypersaline 21 - Hypersaline 22 - Hypersaline 23 - Hypersaline 24 - Hypersaline 25 - Hypersaline 26 - Hypersaline 27 - Hypersaline 28 - Hypersaline 29 - Hypersaline 30 - Hypersaline 31 - Hypersaline 32 - Hypersaline 33 - Hypersaline 34 - Hypersaline 35 - Hypersaline 36 - Hypersaline 37 - Hypersaline 38 - Hypersaline 39 - Hypersaline 40 - Hypersaline 41 - Hypersaline 42 - Hypersaline 43 - Hypersaline 44 - Hypersaline 45 - Hypersaline 46 - Hypersaline 47 - Hypersaline 48 - Hypersaline 49 - Hypersaline 50 - Hypersaline	1 - Hypersaline 2 - Hypersaline 3 - Hypersaline 4 - Hypersaline 5 - Hypersaline 6 - Hypersaline 7 - Hypersaline 8 - Hypersaline 9 - Hypersaline 10 - Hypersaline 11 - Hypersaline 12 - Hypersaline 13 - Hypersaline 14 - Hypersaline 15 - Hypersaline 16 - Hypersaline 17 - Hypersaline 18 - Hypersaline 19 - Hypersaline 20 - Hypersaline 21 - Hypersaline 22 - Hypersaline 23 - Hypersaline 24 - Hypersaline 25 - Hypersaline 26 - Hypersaline 27 - Hypersaline 28 - Hypersaline 29 - Hypersaline 30 - Hypersaline 31 - Hypersaline 32 - Hypersaline 33 - Hypersaline 34 - Hypersaline 35 - Hypersaline 36 - Hypersaline 37 - Hypersaline 38 - Hypersaline 39 - Hypersaline 40 - Hypersaline 41 - Hypersaline 42 - Hypersaline 43 - Hypersaline 44 - Hypersaline 45 - Hypersaline 46 - Hypersaline 47 - Hypersaline 48 - Hypersaline 49 - Hypersaline 50 - Hypersaline

SOIL	
Coastal Salinity	Interior Salinity
1 - Saline 2 - Saline 3 - Saline 4 - Saline 5 - Saline 6 - Saline 7 - Saline 8 - Saline 9 - Saline 10 - Saline 11 - Saline 12 - Saline 13 - Saline 14 - Saline 15 - Saline 16 - Saline 17 - Saline 18 - Saline 19 - Saline 20 - Saline 21 - Saline 22 - Saline 23 - Saline 24 - Saline 25 - Saline 26 - Saline 27 - Saline 28 - Saline 29 - Saline 30 - Saline 31 - Saline 32 - Saline 33 - Saline 34 - Saline 35 - Saline 36 - Saline 37 - Saline 38 - Saline 39 - Saline 40 - Saline 41 - Saline 42 - Saline 43 - Saline 44 - Saline 45 - Saline 46 - Saline 47 - Saline 48 - Saline 49 - Saline 50 - Saline	1 - Saline 2 - Saline 3 - Saline 4 - Saline 5 - Saline 6 - Saline 7 - Saline 8 - Saline 9 - Saline 10 - Saline 11 - Saline 12 - Saline 13 - Saline 14 - Saline 15 - Saline 16 - Saline 17 - Saline 18 - Saline 19 - Saline 20 - Saline 21 - Saline 22 - Saline 23 - Saline 24 - Saline 25 - Saline 26 - Saline 27 - Saline 28 - Saline 29 - Saline 30 - Saline 31 - Saline 32 - Saline 33 - Saline 34 - Saline 35 - Saline 36 - Saline 37 - Saline 38 - Saline 39 - Saline 40 - Saline 41 - Saline 42 - Saline 43 - Saline 44 - Saline 45 - Saline 46 - Saline 47 - Saline 48 - Saline 49 - Saline 50 - Saline