

NUMBER

IRVINE, CALIFORNIA  
REPRODUCED BY NADP

DRAWING NUMBER

PLAN HOLD CORPORATION • IRVINE, CALIFORNIA  
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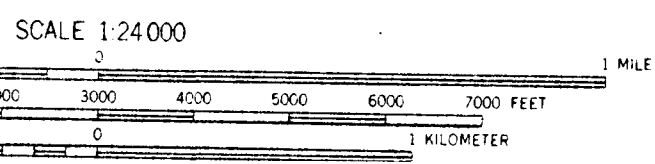
PLAN HOLD CORPORATION  
REPRODUCED BY NADP

CHEYENNE

34° 30' 00" N, 106° 30' 00" W, OKLA.

NATIONAL WETLANDS INVENTORY  
UNITED STATES DEPARTMENT OF THE INTERIORCLINTON NW  
FOSS RESERVOIRCHEYENNE  
34° 30' 00" N, 106° 30' 00" W, OKLA.

3599-313



1 acre

10 acres

20 acres

ACREAGE GUIDE

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

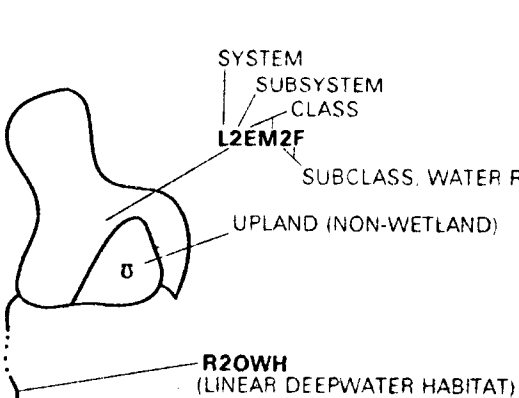
Regional Director (ARDE) Region II  
U.S. Fish and Wildlife Service  
P.O. Box 1306  
Albuquerque, New Mexico 87103

## 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 wetland boundaries established through photographic interpretation. 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.

## SYMBOLS EXAMPLE



## NOTES TO THE USER

- Wetlands which have been field examined are indicated on the map by an asterisk (\*).
- Additional 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 *Wetlands* were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R20SH, R20SW, or R20SJ (INTERMITTENT STREAMS) may not meet the definition of wetland.
- This map uses the class Unconsolidated Shore (US). On earlier NWI maps that class was designated Beach/Bar (BB) or Flat (FL). Subclasses remain the same in both versions.

## AERIAL PHOTOGRAPHY

DATE: 11/83  
SCALE: 1:58000  
TYPE: CIR

1989

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



## SYSTEM M - MARINE

SUBSYSTEM	1 - SUBTIDAL	2 - INTERTIDAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

## SYSTEM R - RIVERINE

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

\*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS and comprises the only CLASS in the INTERMITTENT SUBSYSTEM

\*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSSES are found in all SUBSYSTEMS

## SYSTEM P - PALUSTRINE

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

## SYSTEM E - ESTUARINE

SUBSYSTEM	1 - SUBTIDAL	2 - INTERTIDAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

## SYSTEM L - LACUSTRINE

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

## SYSTEM FO - FORESTED

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

## SYSTEM FO - FORESTED

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

\*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS and comprises the only CLASS in the INTERMITTENT SUBSYSTEM

\*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSSES are found in all SUBSYSTEMS

## SYSTEM FO - FORESTED

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic

\*STREAMBED is limited to TIDAL and INTERMITTENT SUBSYSTEMS and comprises the only CLASS in the INTERMITTENT SUBSYSTEM

\*EMERGENT is limited to TIDAL and LOWER PERENNIAL SUBSYSTEMS. The remaining CLASSSES are found in all SUBSYSTEMS

## SYSTEM FO - FORESTED

SUBSYSTEM	1 - TIDAL	2 - LOWER PERENNIAL	3 - UPPER PERENNIAL	4 - INTERMITTENT	5 - UNKNOWN PERENNIAL
CLASS	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom	UB - UNCONSOLIDATED UB - ROCK BOTTOM UB - AQUATIC BED UB - REEF UB - OPEN WATER/Unknown Bottom
Subclass	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic	1 Bedrock 2 Rubble 3 Sand 4 Organic