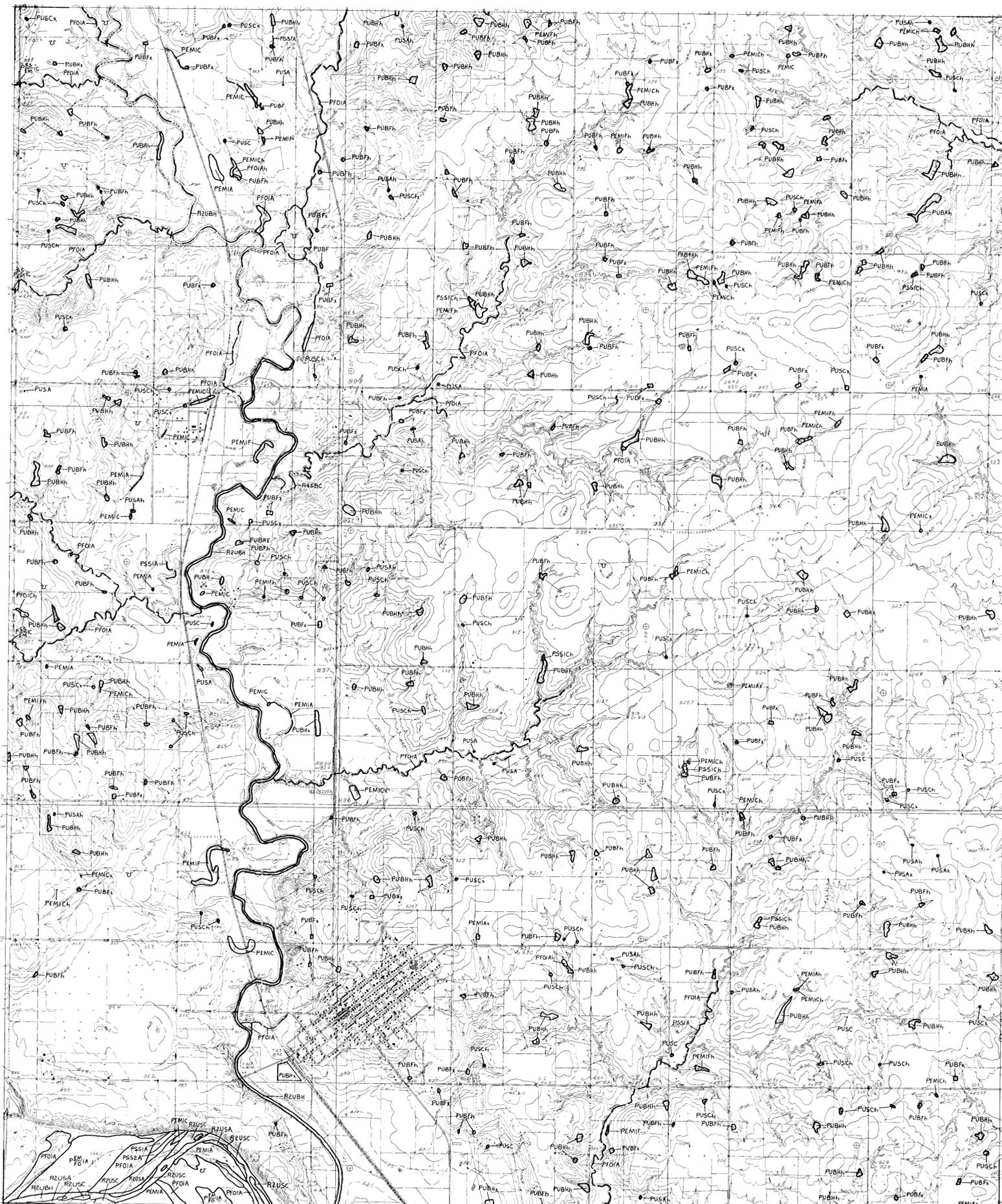


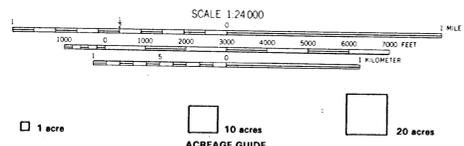
NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR

RYAN, OKLA. - TEXAS

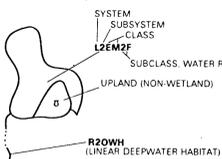


ARDMORE SW
ARDMORE



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 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.

SYMBOLGY EXAMPLE



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 this map were developed specifically for NATIONAL WETLANDS INVENTORY mapping.
- Some areas designated as R45B, R45BW, OR R45BJ (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.



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

AERIAL PHOTOGRAPHY

DATE 9/81
SCALE 1:58,000
TYPE CIR

1989

SYSTEM	CLASS	Subclass
M - MARINE	1 - SUBTIDAL	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom
2 - INTERTIDAL	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
E - ESTUARINE	1 - SUBTIDAL	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom
2 - INTERTIDAL	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
R - RIVERINE	1 - TIDAL	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom
2 - LOWER PERENNIAL	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
3 - UPPER PERENNIAL	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
4 - INTERMITTENT	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
5 - UNKNOWN PERENNIAL	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
L - LACUSTRINE	1 - LIMNETIC	RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom
2 - LITTORAL	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	
P - PALUSTRINE	AB - AQUATIC BED RS - ROCKY SHORE US - UNCONSOLIDATED SHORE RB - ROCK BOTTOM UB - UNCONSOLIDATED BOTTOM AB - AQUATIC BED RW - REEF OW - OPEN WATER/Unknown Bottom	

MODIFIERS			
WATER REGIME		WATER CHEMISTRY	
Non-Tidal	Tidal	Coastal Salinity	Inland Salinity
1. Temporarily Flooded	1. Permanently Flooded	1. Hypersaline	1. Hypersaline
2. Seasonally Flooded	2. Intermittently Flooded	2. Euryhaline	2. Euryhaline
3. Seasonally Flooded/Unflooded	3. Intermittently Flooded/Unflooded	3. Polyhaline	3. Polyhaline
4. Seasonally Flooded/Unflooded	4. Intermittently Flooded/Unflooded	4. Oligohaline	4. Oligohaline
5. Intermittently Flooded	5. Intermittently Flooded	5. Fresh	5. Fresh
6. Intermittently Flooded	6. Intermittently Flooded		
7. Intermittently Flooded	7. Intermittently Flooded		
8. Intermittently Flooded	8. Intermittently Flooded		
9. Intermittently Flooded	9. Intermittently Flooded		
10. Intermittently Flooded	10. Intermittently Flooded		
11. Intermittently Flooded	11. Intermittently Flooded		
12. Intermittently Flooded	12. Intermittently Flooded		
13. Intermittently Flooded	13. Intermittently Flooded		
14. Intermittently Flooded	14. Intermittently Flooded		
15. Intermittently Flooded	15. Intermittently Flooded		
16. Intermittently Flooded	16. Intermittently Flooded		
17. Intermittently Flooded	17. Intermittently Flooded		
18. Intermittently Flooded	18. Intermittently Flooded		
19. Intermittently Flooded	19. Intermittently Flooded		
20. Intermittently Flooded	20. Intermittently Flooded		
21. Intermittently Flooded	21. Intermittently Flooded		
22. Intermittently Flooded	22. Intermittently Flooded		
23. Intermittently Flooded	23. Intermittently Flooded		
24. Intermittently Flooded	24. Intermittently Flooded		
25. Intermittently Flooded	25. Intermittently Flooded		
26. Intermittently Flooded	26. Intermittently Flooded		
27. Intermittently Flooded	27. Intermittently Flooded		
28. Intermittently Flooded	28. Intermittently Flooded		
29. Intermittently Flooded	29. Intermittently Flooded		
30. Intermittently Flooded	30. Intermittently Flooded		
31. Intermittently Flooded	31. Intermittently Flooded		
32. Intermittently Flooded	32. Intermittently Flooded		
33. Intermittently Flooded	33. Intermittently Flooded		
34. Intermittently Flooded	34. Intermittently Flooded		
35. Intermittently Flooded	35. Intermittently Flooded		
36. Intermittently Flooded	36. Intermittently Flooded		
37. Intermittently Flooded	37. Intermittently Flooded		
38. Intermittently Flooded	38. Intermittently Flooded		
39. Intermittently Flooded	39. Intermittently Flooded		
40. Intermittently Flooded	40. Intermittently Flooded		
41. Intermittently Flooded	41. Intermittently Flooded		
42. Intermittently Flooded	42. Intermittently Flooded		
43. Intermittently Flooded	43. Intermittently Flooded		
44. Intermittently Flooded	44. Intermittently Flooded		
45. Intermittently Flooded	45. Intermittently Flooded		
46. Intermittently Flooded	46. Intermittently Flooded		
47. Intermittently Flooded	47. Intermittently Flooded		
48. Intermittently Flooded	48. Intermittently Flooded		
49. Intermittently Flooded	49. Intermittently Flooded		
50. Intermittently Flooded	50. Intermittently Flooded		
51. Intermittently Flooded	51. Intermittently Flooded		
52. Intermittently Flooded	52. Intermittently Flooded		
53. Intermittently Flooded	53. Intermittently Flooded		
54. Intermittently Flooded	54. Intermittently Flooded		
55. Intermittently Flooded	55. Intermittently Flooded		
56. Intermittently Flooded	56. Intermittently Flooded		
57. Intermittently Flooded	57. Intermittently Flooded		
58. Intermittently Flooded	58. Intermittently Flooded		
59. Intermittently Flooded	59. Intermittently Flooded		
60. Intermittently Flooded	60. Intermittently Flooded		
61. Intermittently Flooded	61. Intermittently Flooded		
62. Intermittently Flooded	62. Intermittently Flooded		
63. Intermittently Flooded	63. Intermittently Flooded		
64. Intermittently Flooded	64. Intermittently Flooded		
65. Intermittently Flooded	65. Intermittently Flooded		
66. Intermittently Flooded	66. Intermittently Flooded		
67. Intermittently Flooded	67. Intermittently Flooded		
68. Intermittently Flooded	68. Intermittently Flooded		
69. Intermittently Flooded	69. Intermittently Flooded		
70. Intermittently Flooded	70. Intermittently Flooded		
71. Intermittently Flooded	71. Intermittently Flooded		
72. Intermittently Flooded	72. Intermittently Flooded		
73. Intermittently Flooded	73. Intermittently Flooded		
74. Intermittently Flooded	74. Intermittently Flooded		
75. Intermittently Flooded	75. Intermittently Flooded		
76. Intermittently Flooded	76. Intermittently Flooded		
77. Intermittently Flooded	77. Intermittently Flooded		
78. Intermittently Flooded	78. Intermittently Flooded		
79. Intermittently Flooded	79. Intermittently Flooded		
80. Intermittently Flooded	80. Intermittently Flooded		
81. Intermittently Flooded	81. Intermittently Flooded		
82. Intermittently Flooded	82. Intermittently Flooded		
83. Intermittently Flooded	83. Intermittently Flooded		
84. Intermittently Flooded	84. Intermittently Flooded		
85. Intermittently Flooded	85. Intermittently Flooded		
86. Intermittently Flooded	86. Intermittently Flooded		
87. Intermittently Flooded	87. Intermittently Flooded		
88. Intermittently Flooded	88. Intermittently Flooded		
89. Intermittently Flooded	89. Intermittently Flooded		
90. Intermittently Flooded	90. Intermittently Flooded		
91. Intermittently Flooded	91. Intermittently Flooded		
92. Intermittently Flooded	92. Intermittently Flooded		
93. Intermittently Flooded	93. Intermittently Flooded		
94. Intermittently Flooded	94. Intermittently Flooded		
95. Intermittently Flooded	95. Intermittently Flooded		
96. Intermittently Flooded	96. Intermittently Flooded		
97. Intermittently Flooded	97. Intermittently Flooded		
98. Intermittently Flooded	98. Intermittently Flooded		
99. Intermittently Flooded	99. Intermittently Flooded		
100. Intermittently Flooded	100. Intermittently Flooded		