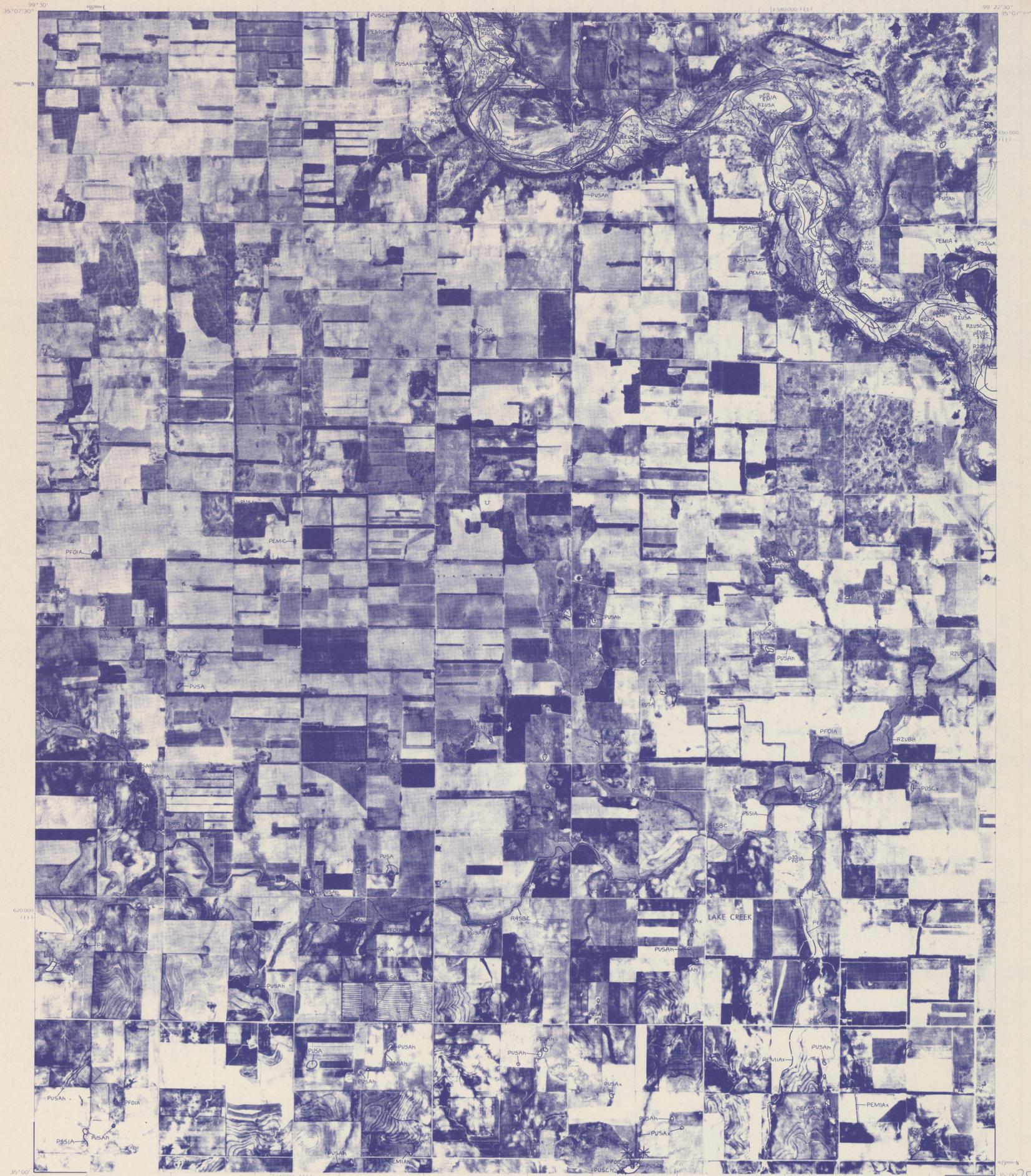


# NATIONAL WETLANDS INVENTORY

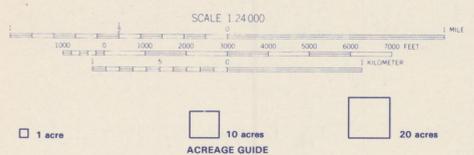
UNITED STATES DEPARTMENT OF THE INTERIOR

LAKE CREEK  
OKLA.



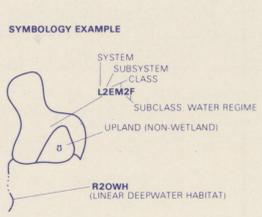
CLINTON SW  
ELK CITY

LAKE CREEK  
SW, OKLA.



**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.



**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 *Atlas* were developed specifically for NATIONAL WETLANDS INVENTORY maps.
- Some areas designated as R4SB, R4SBW, or R4SBJ (INTERMITTENT STREAMS) may not meet the definition of wetlands.
- This map uses the class Unconsolidated Shore (US) on earlier NWI maps that class was designated Beach/Bar (B) or Flat (F). 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 11/83  
SCALE 1:58,000  
TYPE CIR

SYSTEM	M - MARINE	E - ESTUARINE	R - RIVERINE	L - LACUSTRINE	P - PALUSTRINE
SYSTEM	1 - SUBTIDAL	1 - SUBTIDAL	1 - TIDAL	1 - LIMNETIC	1 - TIDAL
SUBSYSTEM	1 - AQUATIC BED	1 - AQUATIC BED	1 - LOWER PERENNIAL	1 - AQUATIC BED	1 - LOWER PERENNIAL
CLASS	1 - Bedrock				
Subclass	1 - Bedrock				
CLASS	2 - Rubble				
Subclass	1 - Cobble-Gravel				
Subclass	2 - Sand				
Subclass	3 - Mud				
Subclass	4 - Organic				
Subclass	5 - Unknown Submerged				
Subclass	6 - Unknown Surface				
Subclass	7 - Unconsolidated				
Subclass	8 - Streambed				
Subclass	9 - Reef				
Subclass	10 - Open Water/Unknown Bottom				
CLASS	1 - Algal				
Subclass	2 - Aquatic Moss				
Subclass	3 - Round Vascular				
Subclass	4 - Floating Vascular				
Subclass	5 - Unknown Submerged				
Subclass	6 - Unknown Surface				
Subclass	7 - Unconsolidated				
Subclass	8 - Streambed				
Subclass	9 - Reef				
Subclass	10 - Open Water/Unknown Bottom				
CLASS	1 - Moss-Lichen				
Subclass	2 - Lichen				
CLASS	1 - Emergent				
Subclass	2 - Broad Leaved Deciduous				
Subclass	3 - Broad Leaved Evergreen				
Subclass	4 - Needle Leaved Deciduous				
Subclass	5 - Needle Leaved Evergreen				
Subclass	6 - Deciduous				
Subclass	7 - Evergreen				
Subclass	8 - Unconsolidated				
Subclass	9 - Streambed				
Subclass	10 - Open Water/Unknown Bottom				
CLASS	1 - Forested				
Subclass	2 - Broad Leaved Deciduous				
Subclass	3 - Broad Leaved Evergreen				
Subclass	4 - Needle Leaved Deciduous				
Subclass	5 - Needle Leaved Evergreen				
Subclass	6 - Deciduous				
Subclass	7 - Evergreen				
Subclass	8 - Unconsolidated				
Subclass	9 - Streambed				
Subclass	10 - Open Water/Unknown Bottom				

**MODIFIERS**

In order to more adequately describe the wetland and deepwater 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 format modifier "m" also be applied to the ecological system.

WATER REGIME	WATER CHEMISTRY	SOIL	SPECIAL MODIFIERS
<b>Non-Tidal</b> A. Temporarily Flooded B. Seasonally Flooded C. Seasonally Flooded D. Seasonally Flooded E. Seasonally Flooded F. Seasonally Flooded G. Intermittently Flooded H. Intermittently Flooded I. Intermittently Flooded J. Intermittently Flooded K. Artificially Flooded L. Artificially Flooded M. Artificially Flooded N. Artificially Flooded O. Artificially Flooded P. Artificially Flooded Q. Artificially Flooded R. Artificially Flooded S. Artificially Flooded T. Artificially Flooded U. Artificially Flooded V. Artificially Flooded W. Artificially Flooded X. Artificially Flooded Y. Artificially Flooded Z. Artificially Flooded	<b>Tidal</b> 1. Hypersaline 2. Subsaline 3. Euxaline 4. Mesohaline 5. Mesohaline 6. Fresh 7. Hypersaline 8. Euxaline 9. Mesohaline 10. Fresh 11. Hypersaline 12. Subsaline 13. Euxaline 14. Mesohaline 15. Mesohaline 16. Fresh 17. Hypersaline 18. Euxaline 19. Mesohaline 20. Fresh 21. Hypersaline 22. Subsaline 23. Euxaline 24. Mesohaline 25. Mesohaline 26. Fresh 27. Hypersaline 28. Euxaline 29. Mesohaline 30. Fresh 31. Hypersaline 32. Subsaline 33. Euxaline 34. Mesohaline 35. Mesohaline 36. Fresh 37. Hypersaline 38. Euxaline 39. Mesohaline 40. Fresh 41. Hypersaline 42. Subsaline 43. Euxaline 44. Mesohaline 45. Mesohaline 46. Fresh 47. Hypersaline 48. Euxaline 49. Mesohaline 50. Fresh 51. Hypersaline 52. Subsaline 53. Euxaline 54. Mesohaline 55. Mesohaline 56. Fresh 57. Hypersaline 58. Euxaline 59. Mesohaline 60. Fresh 61. Hypersaline 62. Subsaline 63. Euxaline 64. Mesohaline 65. Mesohaline 66. Fresh 67. Hypersaline 68. Euxaline 69. Mesohaline 70. Fresh 71. Hypersaline 72. Subsaline 73. Euxaline 74. Mesohaline 75. Mesohaline 76. Fresh 77. Hypersaline 78. Euxaline 79. Mesohaline 80. Fresh 81. Hypersaline 82. Subsaline 83. Euxaline 84. Mesohaline 85. Mesohaline 86. Fresh 87. Hypersaline 88. Euxaline 89. Mesohaline 90. Fresh 91. Hypersaline 92. Subsaline 93. Euxaline 94. Mesohaline 95. Mesohaline 96. Fresh 97. Hypersaline 98. Euxaline 99. Mesohaline 100. Fresh	<b>Soil</b> 1. Organic 2. Mineral 3. Organic 4. Mineral 5. Organic 6. Mineral 7. Organic 8. Mineral 9. Organic 10. Mineral 11. Organic 12. Mineral 13. Organic 14. Mineral 15. Organic 16. Mineral 17. Organic 18. Mineral 19. Organic 20. Mineral 21. Organic 22. Mineral 23. Organic 24. Mineral 25. Organic 26. Mineral 27. Organic 28. Mineral 29. Organic 30. Mineral 31. Organic 32. Mineral 33. Organic 34. Mineral 35. Organic 36. Mineral 37. Organic 38. Mineral 39. Organic 40. Mineral 41. Organic 42. Mineral 43. Organic 44. Mineral 45. Organic 46. Mineral 47. Organic 48. Mineral 49. Organic 50. Mineral 51. Organic 52. Mineral 53. Organic 54. Mineral 55. Organic 56. Mineral 57. Organic 58. Mineral 59. Organic 60. Mineral 61. Organic 62. Mineral 63. Organic 64. Mineral 65. Organic 66. Mineral 67. Organic 68. Mineral 69. Organic 70. Mineral 71. Organic 72. Mineral 73. Organic 74. Mineral 75. Organic 76. Mineral 77. Organic 78. Mineral 79. Organic 80. Mineral 81. Organic 82. Mineral 83. Organic 84. Mineral 85. Organic 86. Mineral 87. Organic 88. Mineral 89. Organic 90. Mineral 91. Organic 92. Mineral 93. Organic 94. Mineral 95. Organic 96. Mineral 97. Organic 98. Mineral 99. Organic 100. Mineral	<b>Special Modifiers</b> 1. Diked/Impounded 2. Artificially Submerged 3. Canal 4. Scour 5. Diked/Impounded 6. Artificially Submerged 7. Canal 8. Scour 9. Diked/Impounded 10. Artificially Submerged 11. Canal 12. Scour 13. Diked/Impounded 14. Artificially Submerged 15. Canal 16. Scour 17. Diked/Impounded 18. Artificially Submerged 19. Canal 20. Scour 21. Diked/Impounded 22. Artificially Submerged 23. Canal 24. Scour 25. Diked/Impounded 26. Artificially Submerged 27. Canal 28. Scour 29. Diked/Impounded 30. Artificially Submerged 31. Canal 32. Scour 33. Diked/Impounded 34. Artificially Submerged 35. Canal 36. Scour 37. Diked/Impounded 38. Artificially Submerged 39. Canal 40. Scour 41. Diked/Impounded 42. Artificially Submerged 43. Canal 44. Scour 45. Diked/Impounded 46. Artificially Submerged 47. Canal 48. Scour 49. Diked/Impounded 50. Artificially Submerged 51. Canal 52. Scour 53. Diked/Impounded 54. Artificially Submerged 55. Canal 56. Scour 57. Diked/Impounded 58. Artificially Submerged 59. Canal 60. Scour 61. Diked/Impounded 62. Artificially Submerged 63. Canal 64. Scour 65. Diked/Impounded 66. Artificially Submerged 67. Canal 68. Scour 69. Diked/Impounded 70. Artificially Submerged 71. Canal 72. Scour 73. Diked/Impounded 74. Artificially Submerged 75. Canal 76. Scour 77. Diked/Impounded 78. Artificially Submerged 79. Canal 80. Scour 81. Diked/Impounded 82. Artificially Submerged 83. Canal 84. Scour 85. Diked/Impounded 86. Artificially Submerged 87. Canal 88. Scour 89. Diked/Impounded 90. Artificially Submerged 91. Canal 92. Scour 93. Diked/Impounded 94. Artificially Submerged 95. Canal 96. Scour 97. Diked/Impounded 98. Artificially Submerged 99. Canal 100. Scour