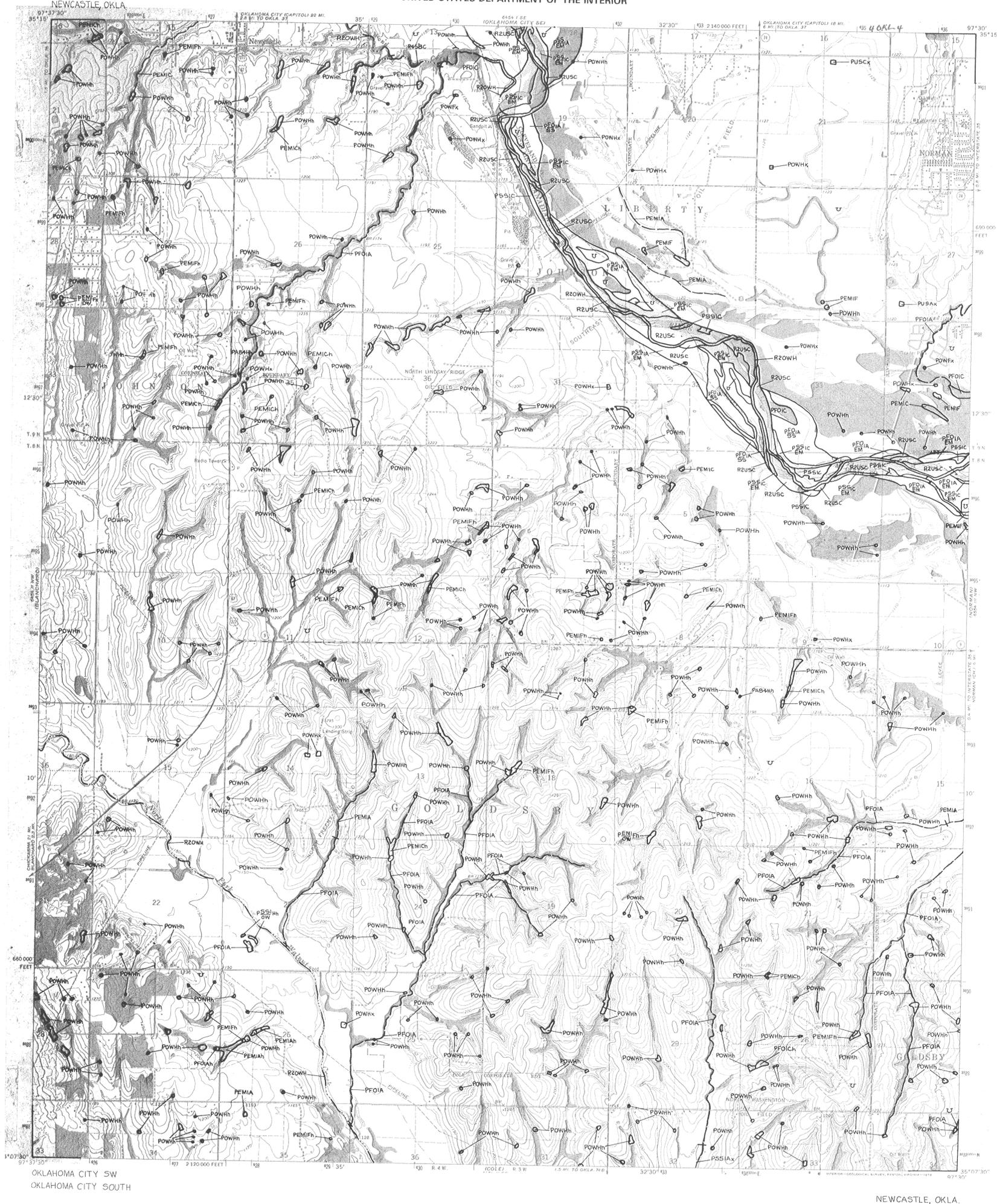


3597-214  
NEWCASTLE, OKLA.

# NATIONAL WETLANDS INVENTORY

UNITED STATES DEPARTMENT OF THE INTERIOR



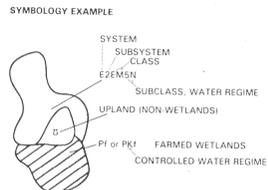
OKLAHOMA CITY SW  
OKLAHOMA CITY SOUTH

NEWCASTLE, 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 geography 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. 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 (\*).  
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 R4BSJ (intermittent streams) may not meet the definition of wetlands.

**AERIAL PHOTOGRAPHY**  
DATE: 9/1/81  
SCALE: 1:58,000  
TYPE: CIR  
DATE: / /  
DATE: / /  
DATE: / /  
SCALE: / /  
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		E - ESTUARINE		M - MARINE		ECOLOGICAL SYSTEM	
Ecological Subsystem		1 - Subtidal		2 - Intertidal		Ecological Subsystem	
CLASS	Subclass	CLASS	Subclass	CLASS	Subclass	CLASS	Subclass
1. Beach	2. Shrubland	1. Submerged Aquatic	2. Mudflat	1. Submerged Aquatic	2. Mudflat	1. Beach	2. Shrubland
3. Bare Soil	4. Organic	3. Submerged Aquatic	4. Mudflat	3. Submerged Aquatic	4. Mudflat	3. Bare Soil	4. Organic
5. Bare Soil	6. Organic	5. Submerged Aquatic	6. Mudflat	5. Submerged Aquatic	6. Mudflat	5. Bare Soil	6. Organic
7. Bare Soil	8. Organic	7. Submerged Aquatic	8. Mudflat	7. Submerged Aquatic	8. Mudflat	7. Bare Soil	8. Organic
9. Bare Soil	10. Organic	9. Submerged Aquatic	10. Mudflat	9. Submerged Aquatic	10. Mudflat	9. Bare Soil	10. Organic
11. Bare Soil	12. Organic	11. Submerged Aquatic	12. Mudflat	11. Submerged Aquatic	12. Mudflat	11. Bare Soil	12. Organic
13. Bare Soil	14. Organic	13. Submerged Aquatic	14. Mudflat	13. Submerged Aquatic	14. Mudflat	13. Bare Soil	14. Organic
15. Bare Soil	16. Organic	15. Submerged Aquatic	16. Mudflat	15. Submerged Aquatic	16. Mudflat	15. Bare Soil	16. Organic
17. Bare Soil	18. Organic	17. Submerged Aquatic	18. Mudflat	17. Submerged Aquatic	18. Mudflat	17. Bare Soil	18. Organic
19. Bare Soil	20. Organic	19. Submerged Aquatic	20. Mudflat	19. Submerged Aquatic	20. Mudflat	19. Bare Soil	20. Organic
21. Bare Soil	22. Organic	21. Submerged Aquatic	22. Mudflat	21. Submerged Aquatic	22. Mudflat	21. Bare Soil	22. Organic
23. Bare Soil	24. Organic	23. Submerged Aquatic	24. Mudflat	23. Submerged Aquatic	24. Mudflat	23. Bare Soil	24. Organic
25. Bare Soil	26. Organic	25. Submerged Aquatic	26. Mudflat	25. Submerged Aquatic	26. Mudflat	25. Bare Soil	26. Organic
27. Bare Soil	28. Organic	27. Submerged Aquatic	28. Mudflat	27. Submerged Aquatic	28. Mudflat	27. Bare Soil	28. Organic
29. Bare Soil	30. Organic	29. Submerged Aquatic	30. Mudflat	29. Submerged Aquatic	30. Mudflat	29. Bare Soil	30. Organic
31. Bare Soil	32. Organic	31. Submerged Aquatic	32. Mudflat	31. Submerged Aquatic	32. Mudflat	31. Bare Soil	32. Organic
33. Bare Soil	34. Organic	33. Submerged Aquatic	34. Mudflat	33. Submerged Aquatic	34. Mudflat	33. Bare Soil	34. Organic
35. Bare Soil	36. Organic	35. Submerged Aquatic	36. Mudflat	35. Submerged Aquatic	36. Mudflat	35. Bare Soil	36. Organic
37. Bare Soil	38. Organic	37. Submerged Aquatic	38. Mudflat	37. Submerged Aquatic	38. Mudflat	37. Bare Soil	38. Organic
39. Bare Soil	40. Organic	39. Submerged Aquatic	40. Mudflat	39. Submerged Aquatic	40. Mudflat	39. Bare Soil	40. Organic
41. Bare Soil	42. Organic	41. Submerged Aquatic	42. Mudflat	41. Submerged Aquatic	42. Mudflat	41. Bare Soil	42. Organic
43. Bare Soil	44. Organic	43. Submerged Aquatic	44. Mudflat	43. Submerged Aquatic	44. Mudflat	43. Bare Soil	44. Organic
45. Bare Soil	46. Organic	45. Submerged Aquatic	46. Mudflat	45. Submerged Aquatic	46. Mudflat	45. Bare Soil	46. Organic
47. Bare Soil	48. Organic	47. Submerged Aquatic	48. Mudflat	47. Submerged Aquatic	48. Mudflat	47. Bare Soil	48. Organic
49. Bare Soil	50. Organic	49. Submerged Aquatic	50. Mudflat	49. Submerged Aquatic	50. Mudflat	49. Bare Soil	50. Organic
51. Bare Soil	52. Organic	51. Submerged Aquatic	52. Mudflat	51. Submerged Aquatic	52. Mudflat	51. Bare Soil	52. Organic
53. Bare Soil	54. Organic	53. Submerged Aquatic	54. Mudflat	53. Submerged Aquatic	54. Mudflat	53. Bare Soil	54. Organic
55. Bare Soil	56. Organic	55. Submerged Aquatic	56. Mudflat	55. Submerged Aquatic	56. Mudflat	55. Bare Soil	56. Organic
57. Bare Soil	58. Organic	57. Submerged Aquatic	58. Mudflat	57. Submerged Aquatic	58. Mudflat	57. Bare Soil	58. Organic
59. Bare Soil	60. Organic	59. Submerged Aquatic	60. Mudflat	59. Submerged Aquatic	60. Mudflat	59. Bare Soil	60. Organic
61. Bare Soil	62. Organic	61. Submerged Aquatic	62. Mudflat	61. Submerged Aquatic	62. Mudflat	61. Bare Soil	62. Organic
63. Bare Soil	64. Organic	63. Submerged Aquatic	64. Mudflat	63. Submerged Aquatic	64. Mudflat	63. Bare Soil	64. Organic
65. Bare Soil	66. Organic	65. Submerged Aquatic	66. Mudflat	65. Submerged Aquatic	66. Mudflat	65. Bare Soil	66. Organic
67. Bare Soil	68. Organic	67. Submerged Aquatic	68. Mudflat	67. Submerged Aquatic	68. Mudflat	67. Bare Soil	68. Organic
69. Bare Soil	70. Organic	69. Submerged Aquatic	70. Mudflat	69. Submerged Aquatic	70. Mudflat	69. Bare Soil	70. Organic
71. Bare Soil	72. Organic	71. Submerged Aquatic	72. Mudflat	71. Submerged Aquatic	72. Mudflat	71. Bare Soil	72. Organic
73. Bare Soil	74. Organic	73. Submerged Aquatic	74. Mudflat	73. Submerged Aquatic	74. Mudflat	73. Bare Soil	74. Organic
75. Bare Soil	76. Organic	75. Submerged Aquatic	76. Mudflat	75. Submerged Aquatic	76. Mudflat	75. Bare Soil	76. Organic
77. Bare Soil	78. Organic	77. Submerged Aquatic	78. Mudflat	77. Submerged Aquatic	78. Mudflat	77. Bare Soil	78. Organic
79. Bare Soil	80. Organic	79. Submerged Aquatic	80. Mudflat	79. Submerged Aquatic	80. Mudflat	79. Bare Soil	80. Organic
81. Bare Soil	82. Organic	81. Submerged Aquatic	82. Mudflat	81. Submerged Aquatic	82. Mudflat	81. Bare Soil	82. Organic
83. Bare Soil	84. Organic	83. Submerged Aquatic	84. Mudflat	83. Submerged Aquatic	84. Mudflat	83. Bare Soil	84. Organic
85. Bare Soil	86. Organic	85. Submerged Aquatic	86. Mudflat	85. Submerged Aquatic	86. Mudflat	85. Bare Soil	86. Organic
87. Bare Soil	88. Organic	87. Submerged Aquatic	88. Mudflat	87. Submerged Aquatic	88. Mudflat	87. Bare Soil	88. Organic
89. Bare Soil	90. Organic	89. Submerged Aquatic	90. Mudflat	89. Submerged Aquatic	90. Mudflat	89. Bare Soil	90. Organic
91. Bare Soil	92. Organic	91. Submerged Aquatic	92. Mudflat	91. Submerged Aquatic	92. Mudflat	91. Bare Soil	92. Organic
93. Bare Soil	94. Organic	93. Submerged Aquatic	94. Mudflat	93. Submerged Aquatic	94. Mudflat	93. Bare Soil	94. Organic
95. Bare Soil	96. Organic	95. Submerged Aquatic	96. Mudflat	95. Submerged Aquatic	96. Mudflat	95. Bare Soil	96. Organic
97. Bare Soil	98. Organic	97. Submerged Aquatic	98. Mudflat	97. Submerged Aquatic	98. Mudflat	97. Bare Soil	98. Organic
99. Bare Soil	100. Organic	99. Submerged Aquatic	100. Mudflat	99. Submerged Aquatic	100. Mudflat	99. Bare Soil	100. Organic

17EM - EMERGENTS are only found in the Riverine Tidal and Riverine Lower Perennial Ecological Subsystems. All other classes are found in all Riverine Ecological Subsystems.