

4.3-51

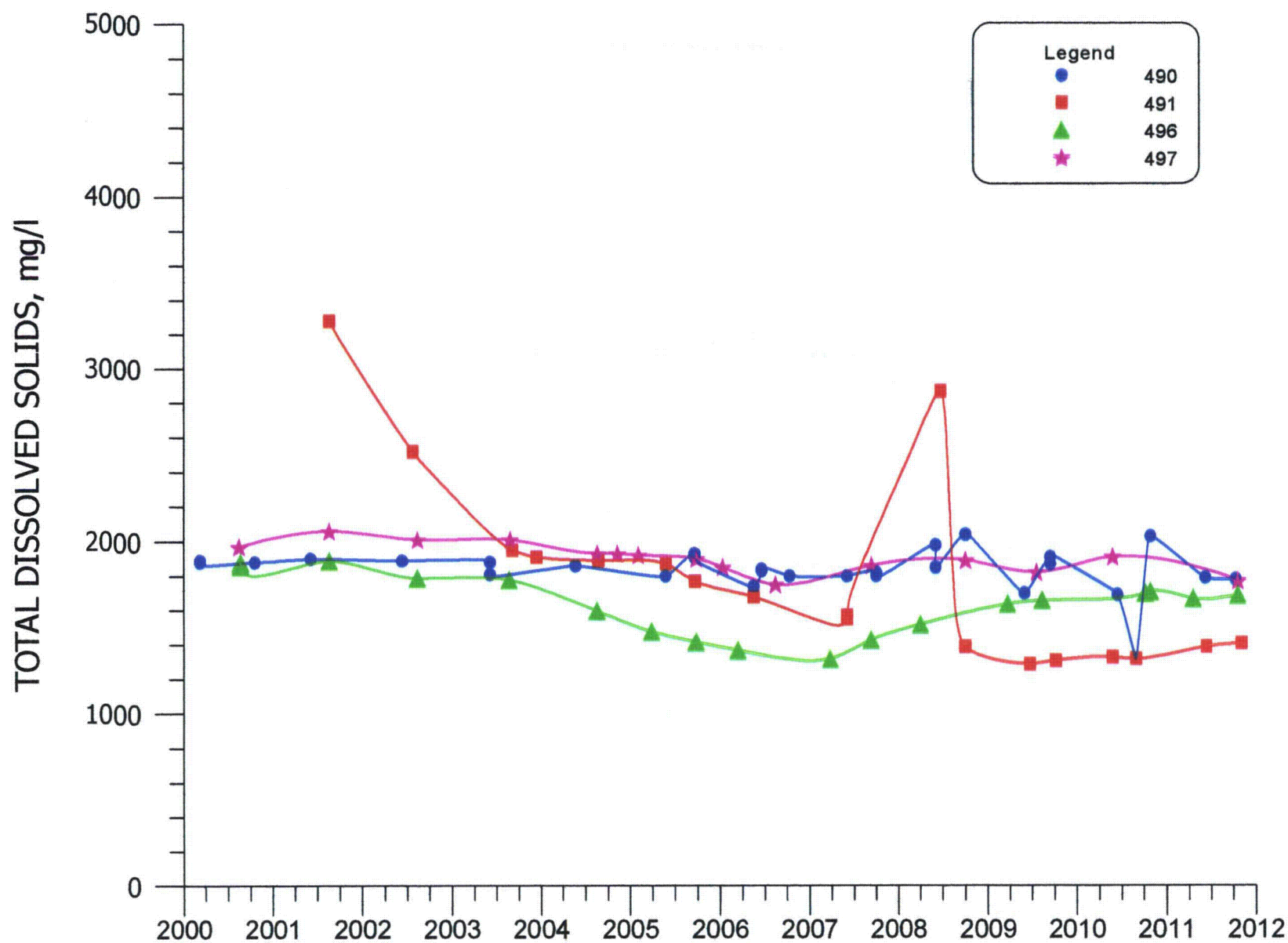


FIGURE 4.3-30. TDS CONCENTRATIONS FOR WELLS 490, 491, 496 AND 497.

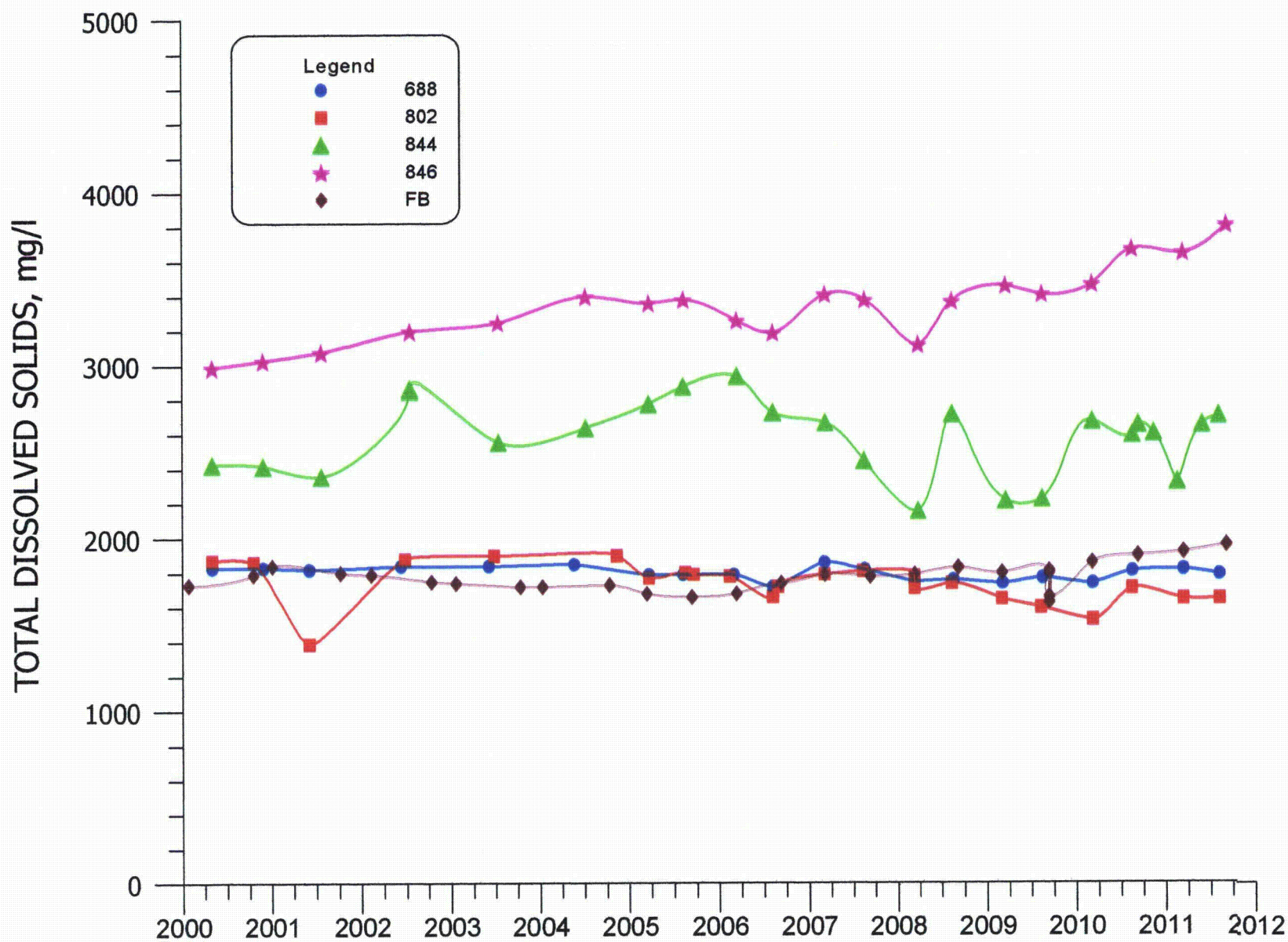


FIGURE 4.3-31. TDS CONCENTRATIONS FOR WELLS 688, 802, 844, 846 AND FB.

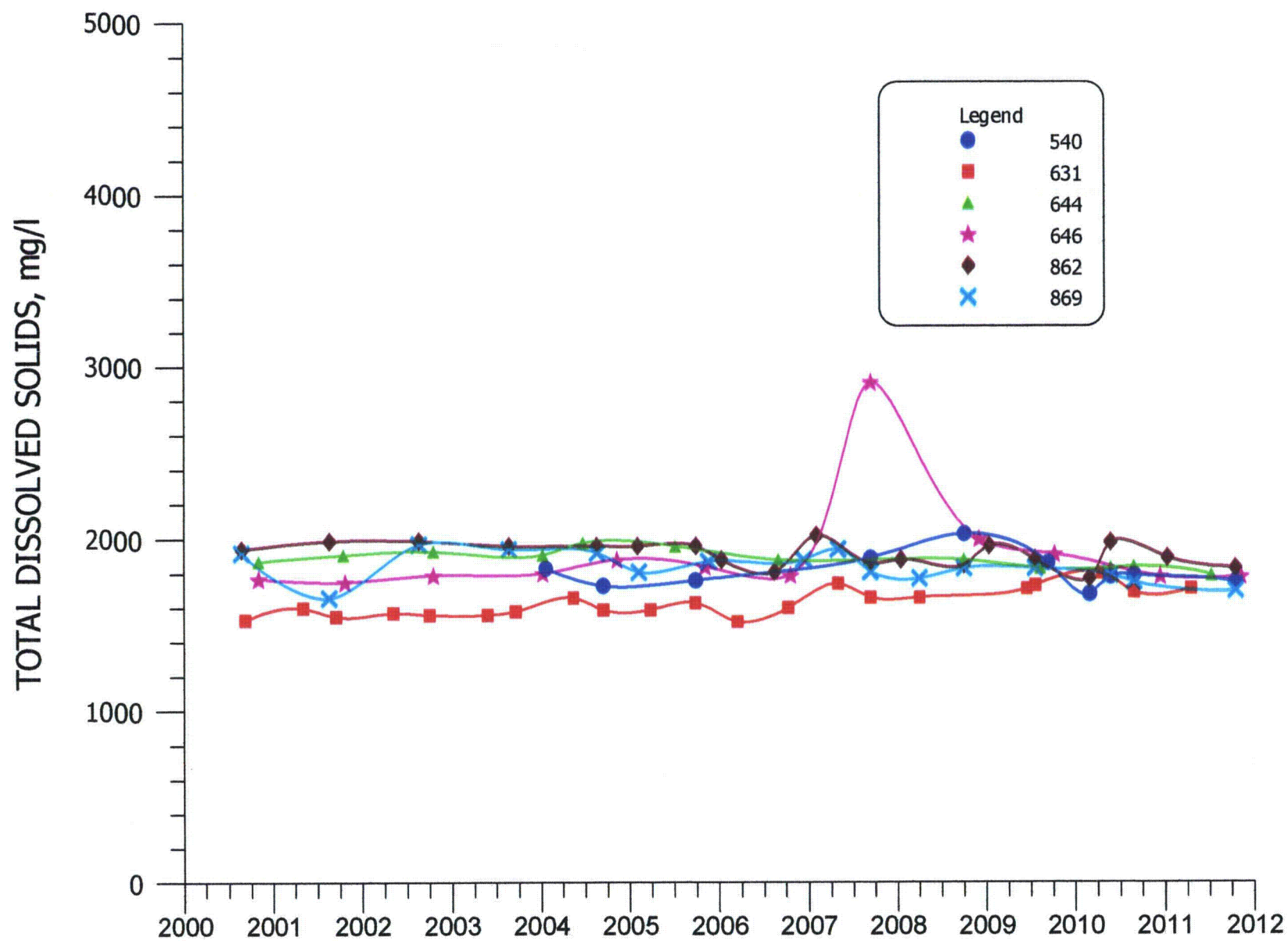
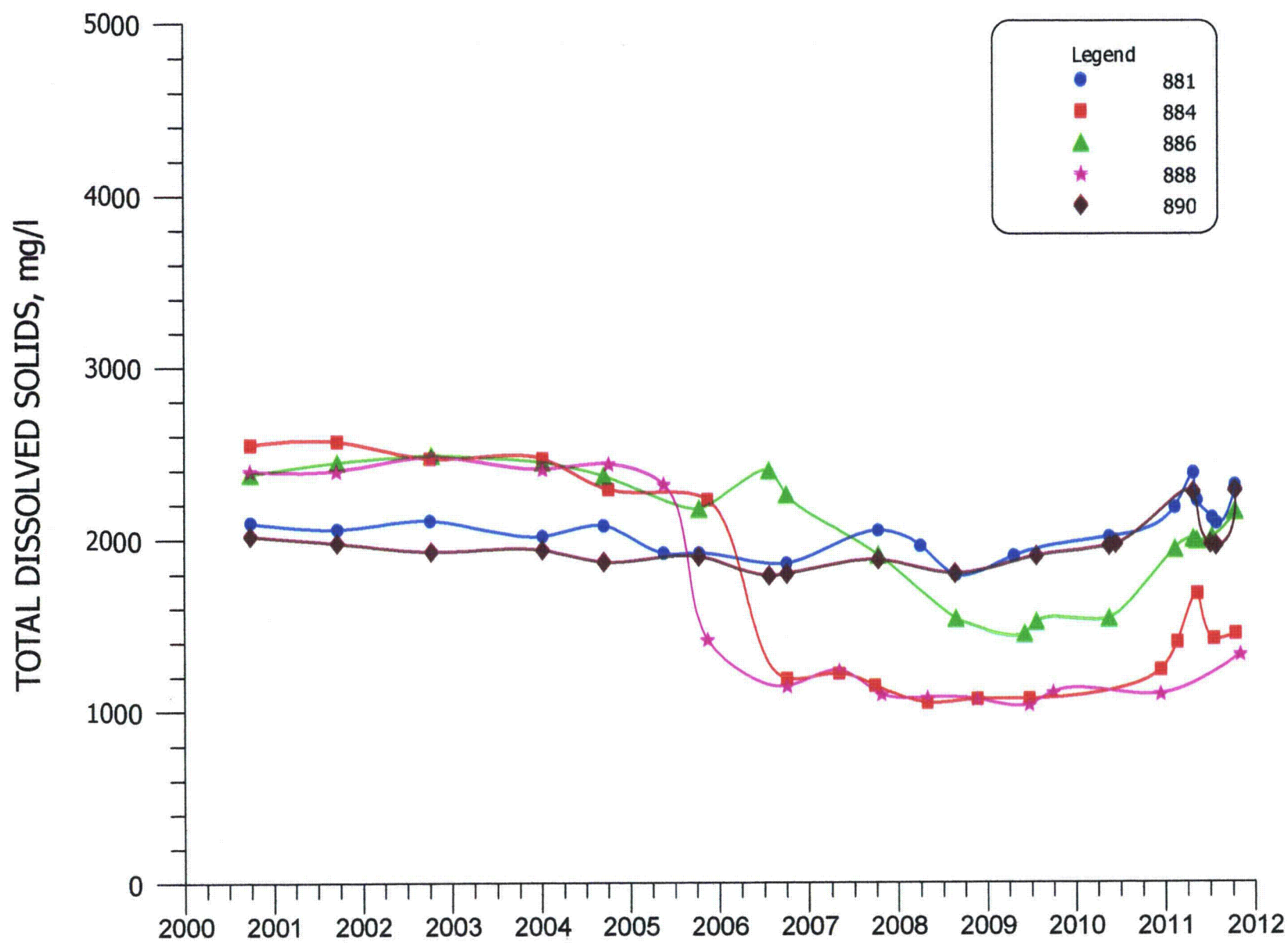


FIGURE 4.3-32. TDS CONCENTRATIONS FOR WELLS 540, 631, 644, 646, 862, AND 869.



**FIGURE 4.3-33. TDS CONCENTRATIONS FOR WELLS
881, 884, 886, 888, AND 890.**

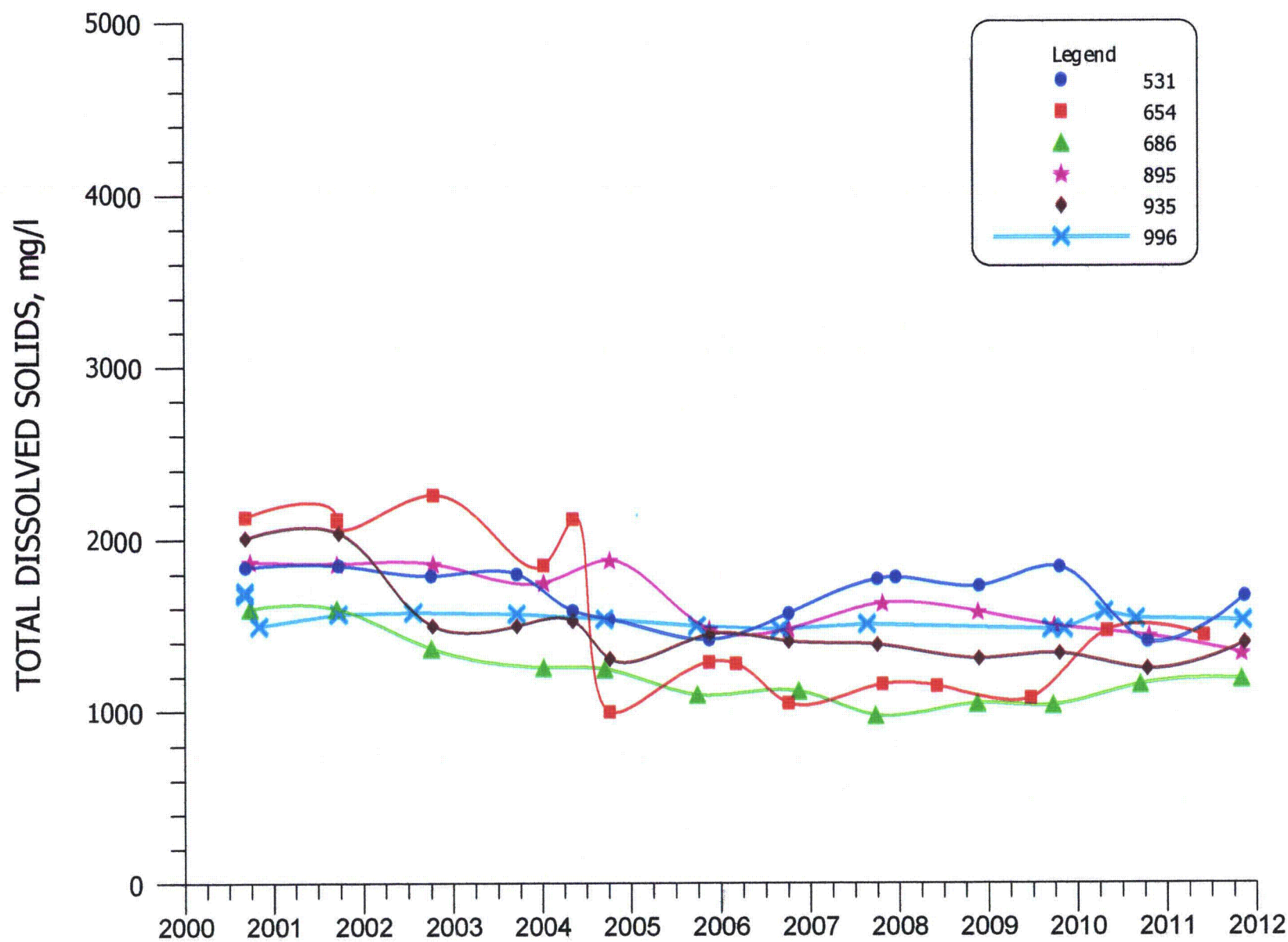


FIGURE 4.3-34. TDS CONCENTRATIONS FOR WELLS 531, 654, 686, 895, 935 AND 996.

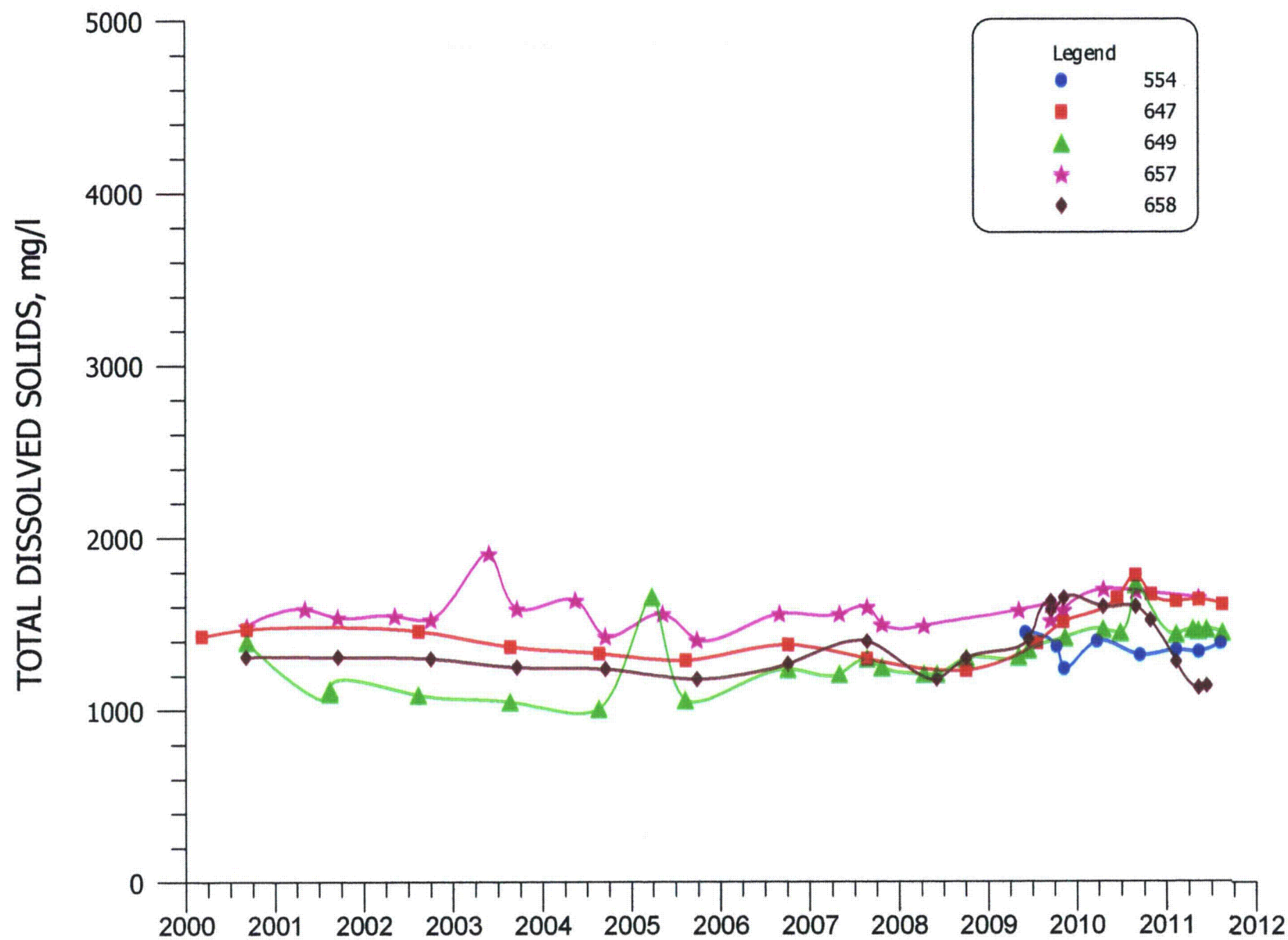
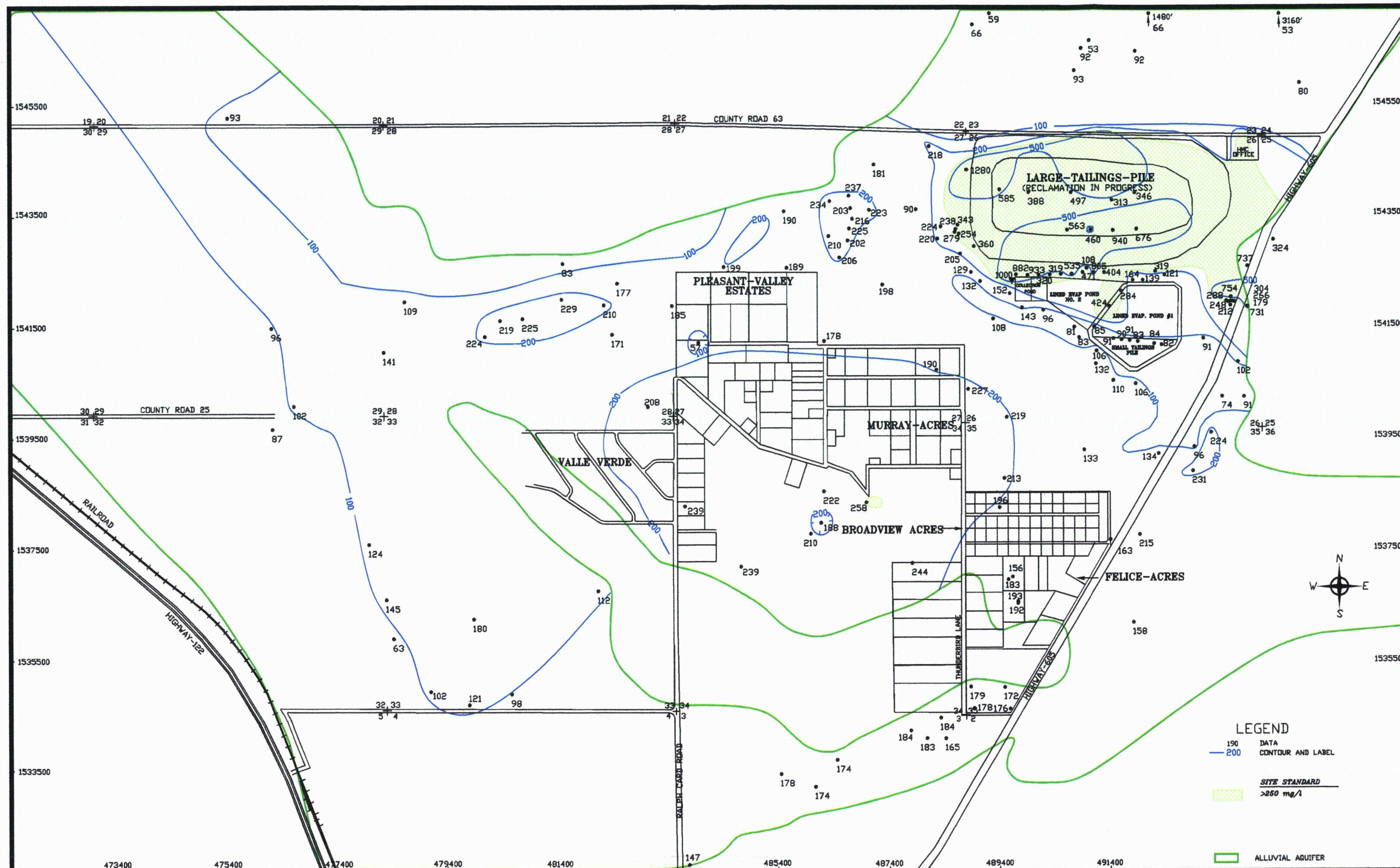


FIGURE 4.3-35. TDS CONCENTRATIONS FOR WELLS 554, 647, 649, 657 AND 658.



SCALE: 1"=1000'
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FIGURE 4.3-36. CHLORIDE CONCENTRATIONS
 OF THE ALLUVIAL AQUIFER, 2011, mg/l

4.3-58

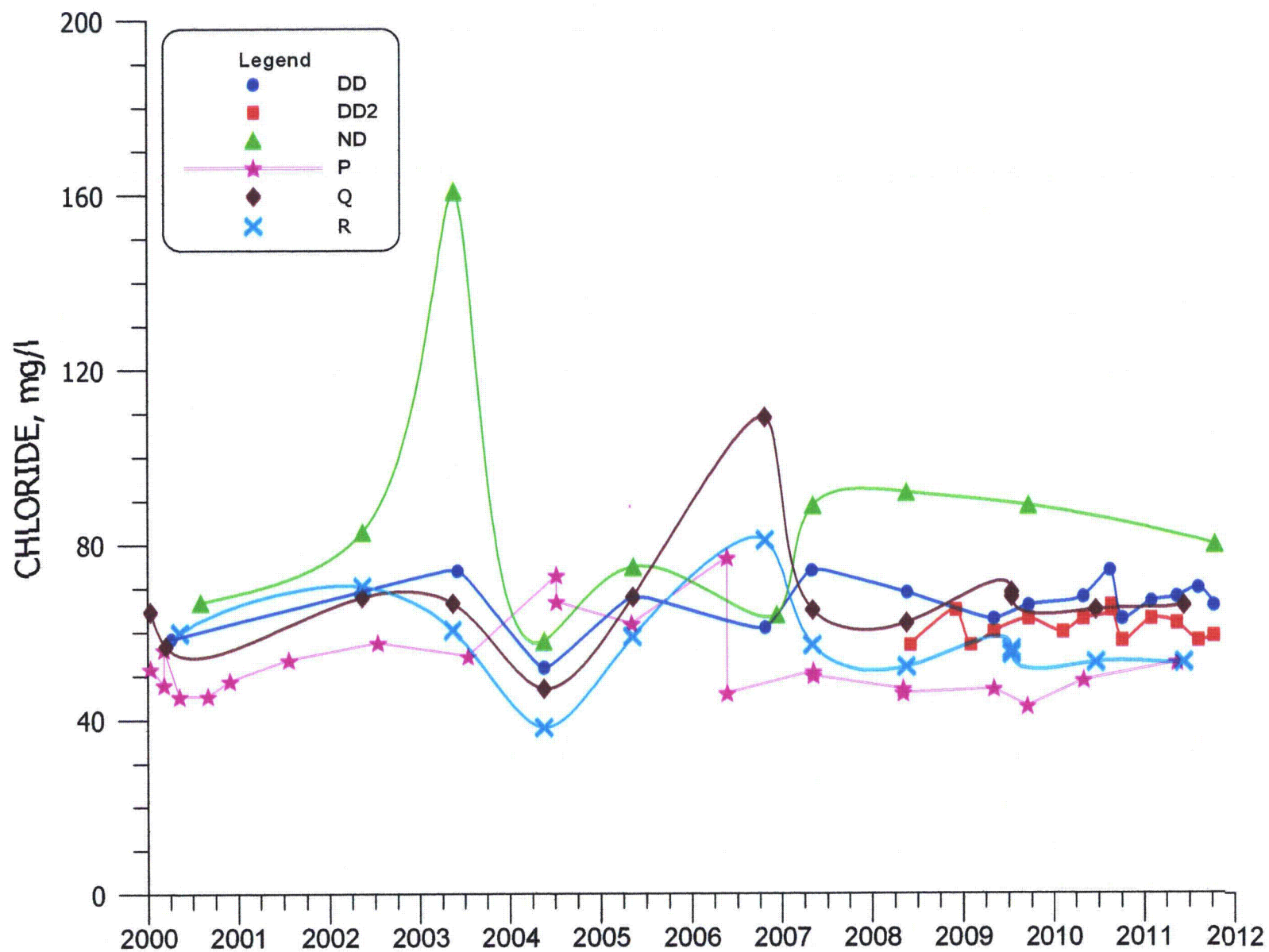


FIGURE 4.3-37. CHLORIDE CONCENTRATIONS FOR WELLS DD, DD2, ND, P, Q AND R.

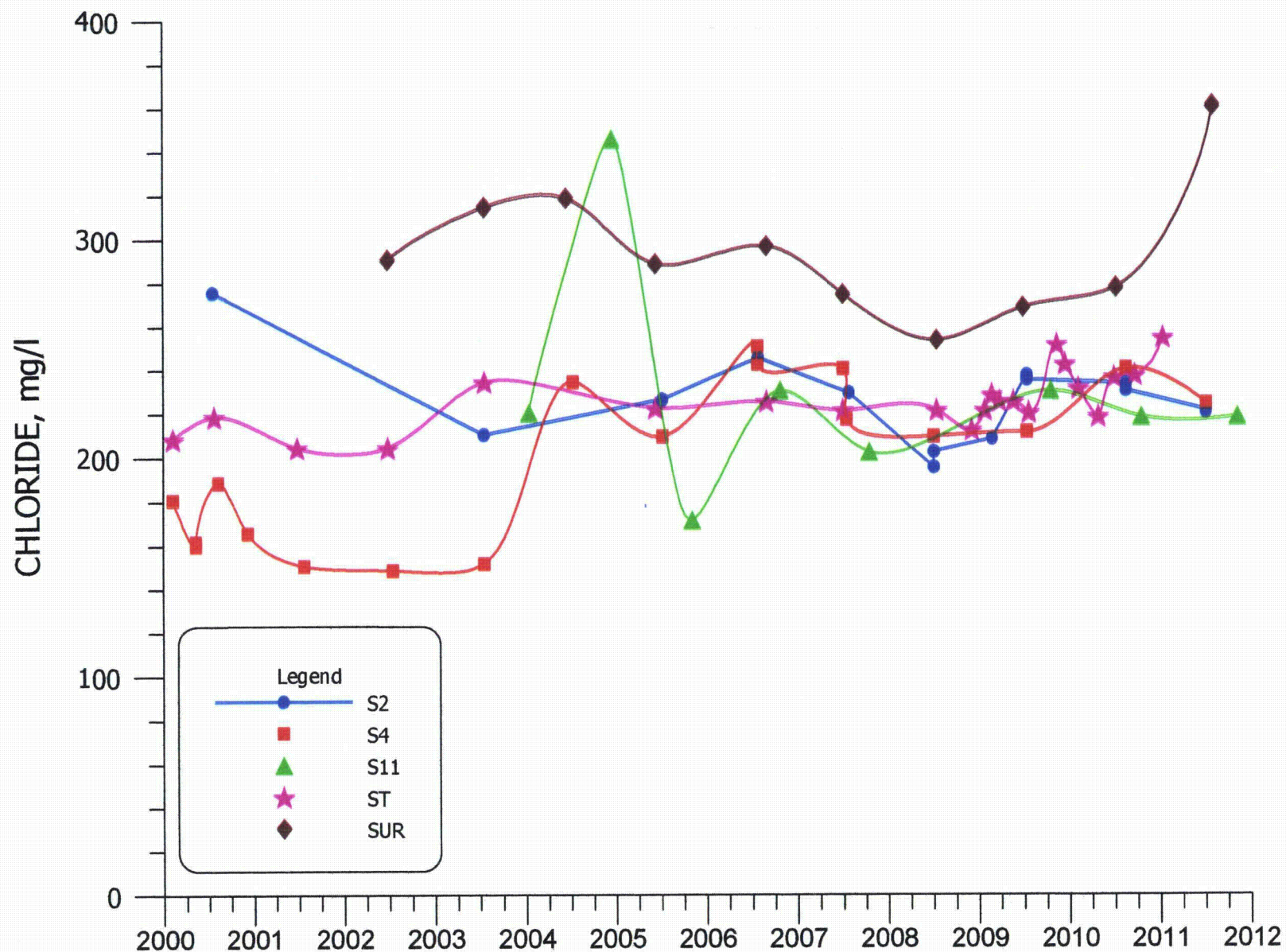


FIGURE 4.3-38. CHLORIDE CONCENTRATIONS FOR WELLS S2, S4, S11, ST AND SUR.

4.3-60

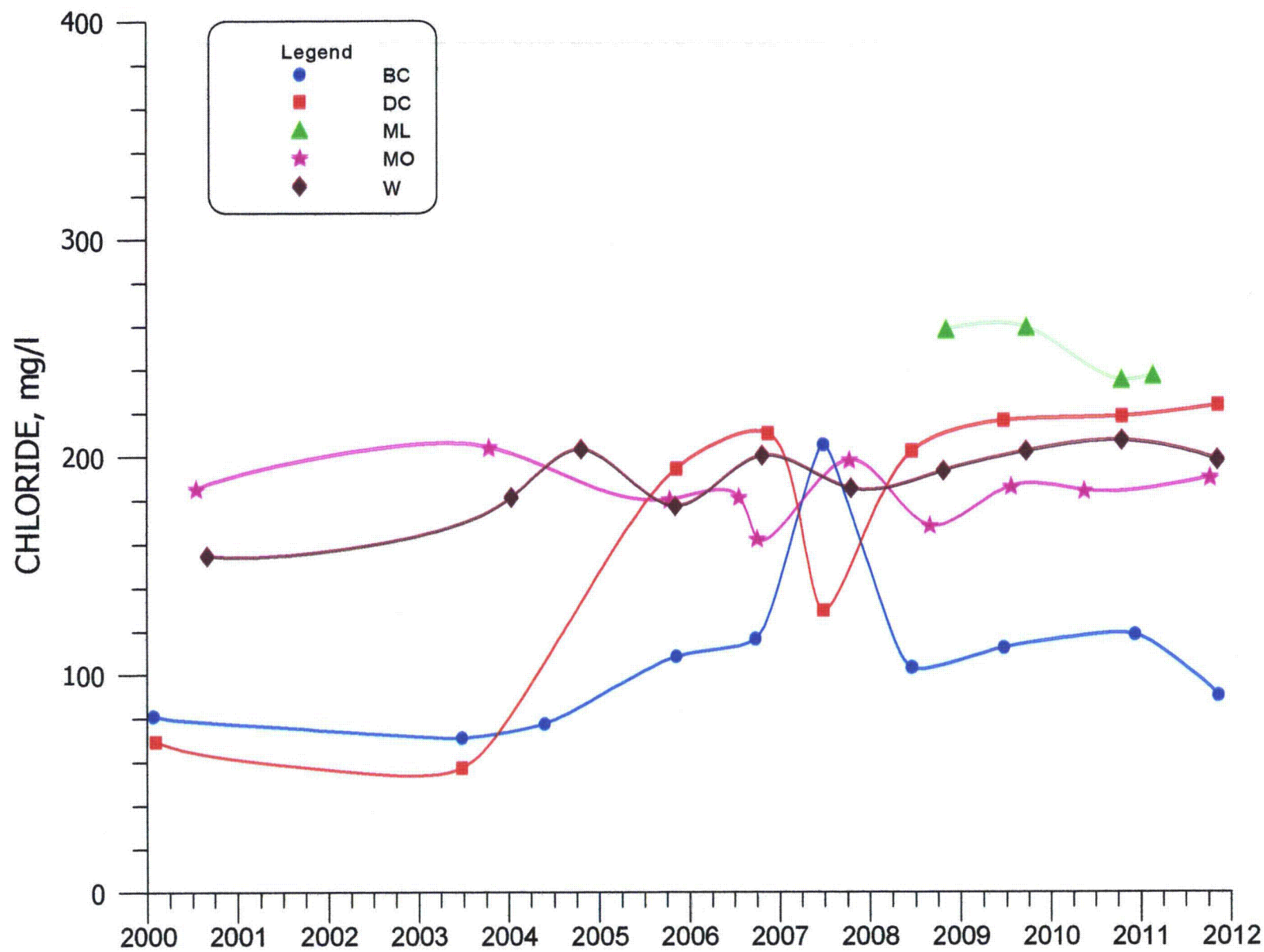


FIGURE 4.3-39. CHLORIDE CONCENTRATIONS FOR WELLS BC, DC, ML, MO AND W.

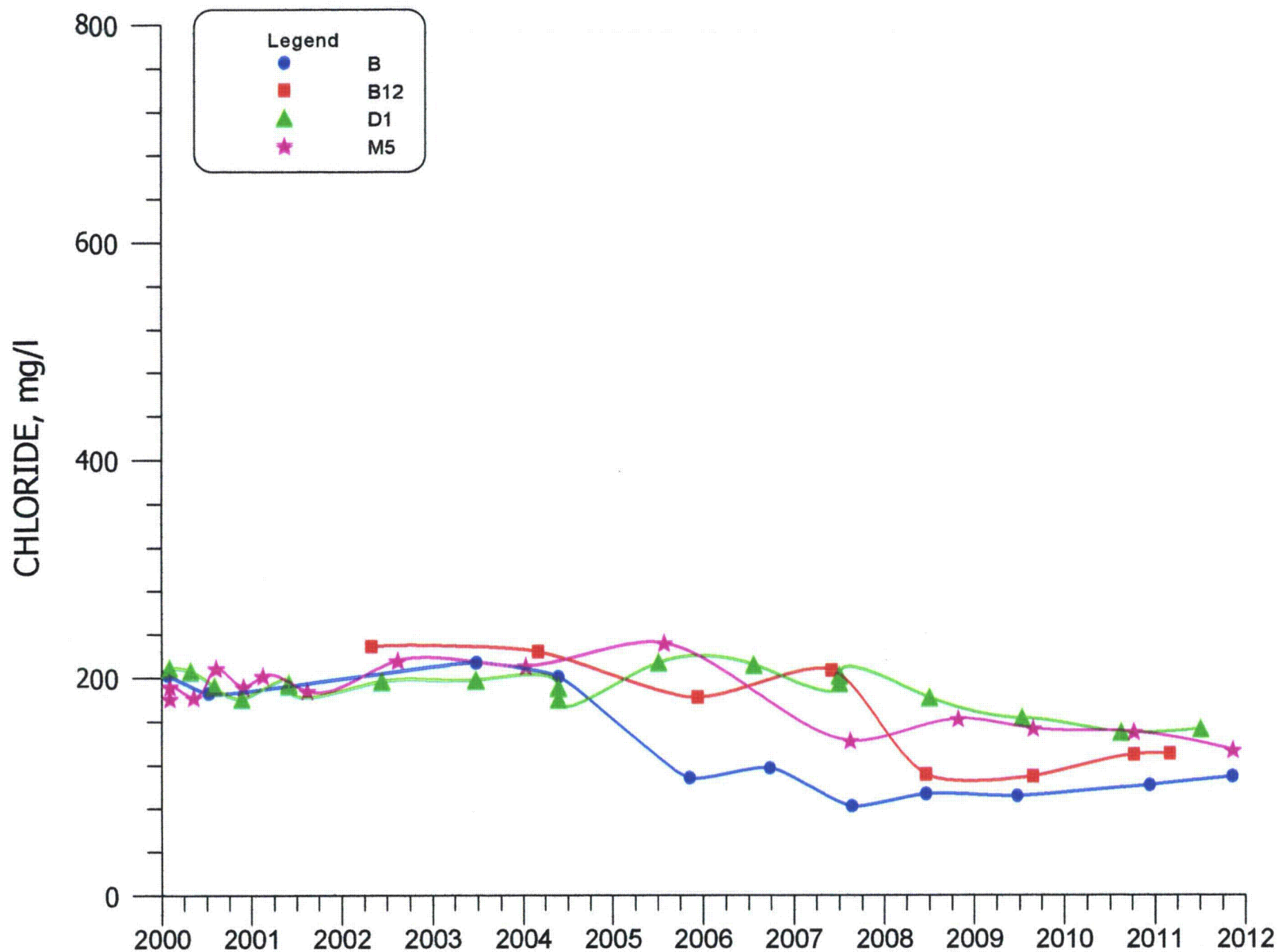


FIGURE 4.3-40. CHLORIDE CONCENTRATIONS FOR WELLS B, B12, D1 AND M5.

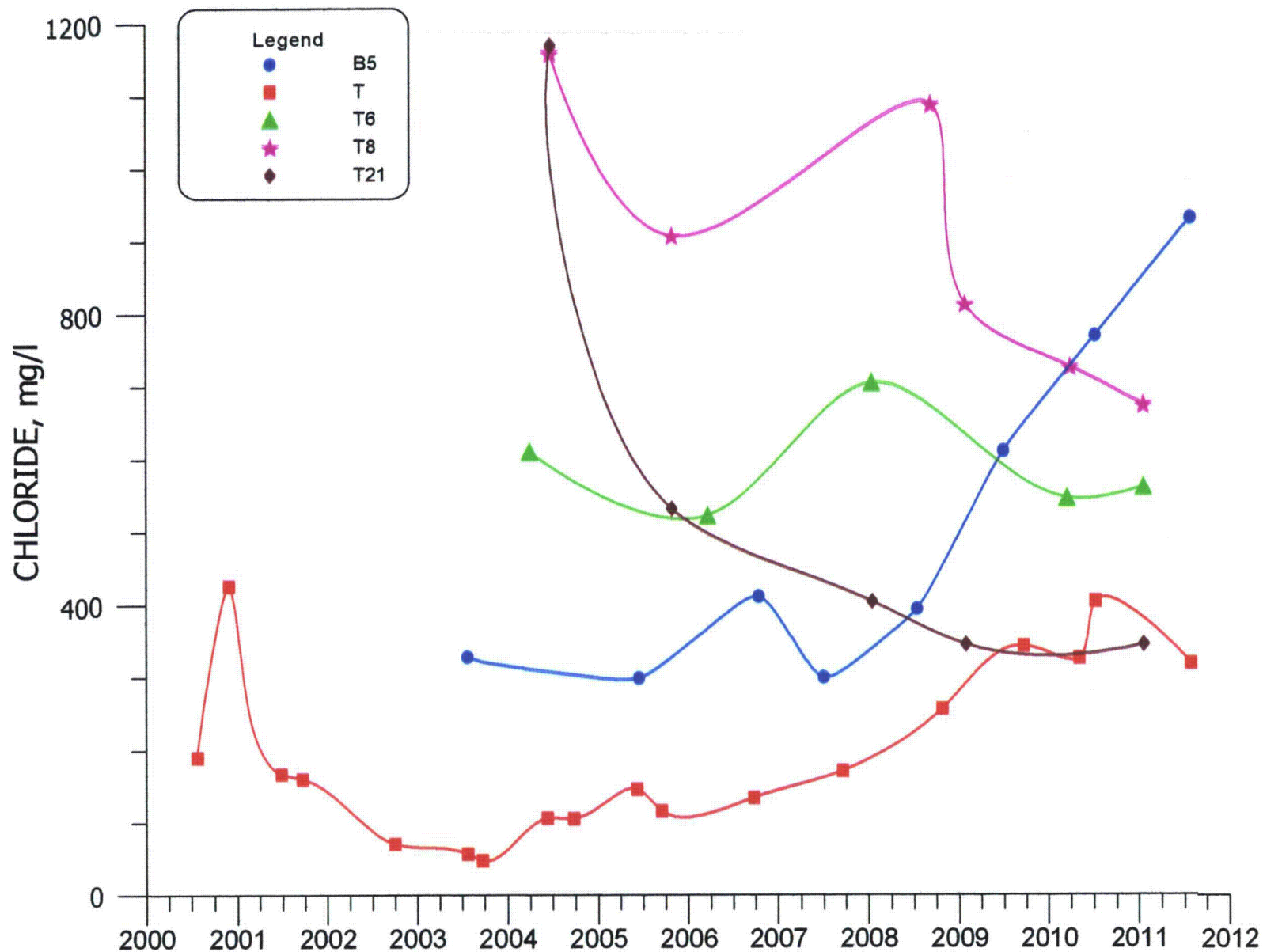


FIGURE 4.3-41. CHLORIDE CONCENTRATIONS FOR WELLS B5, T, T6, T8 AND T21.

4.3-63

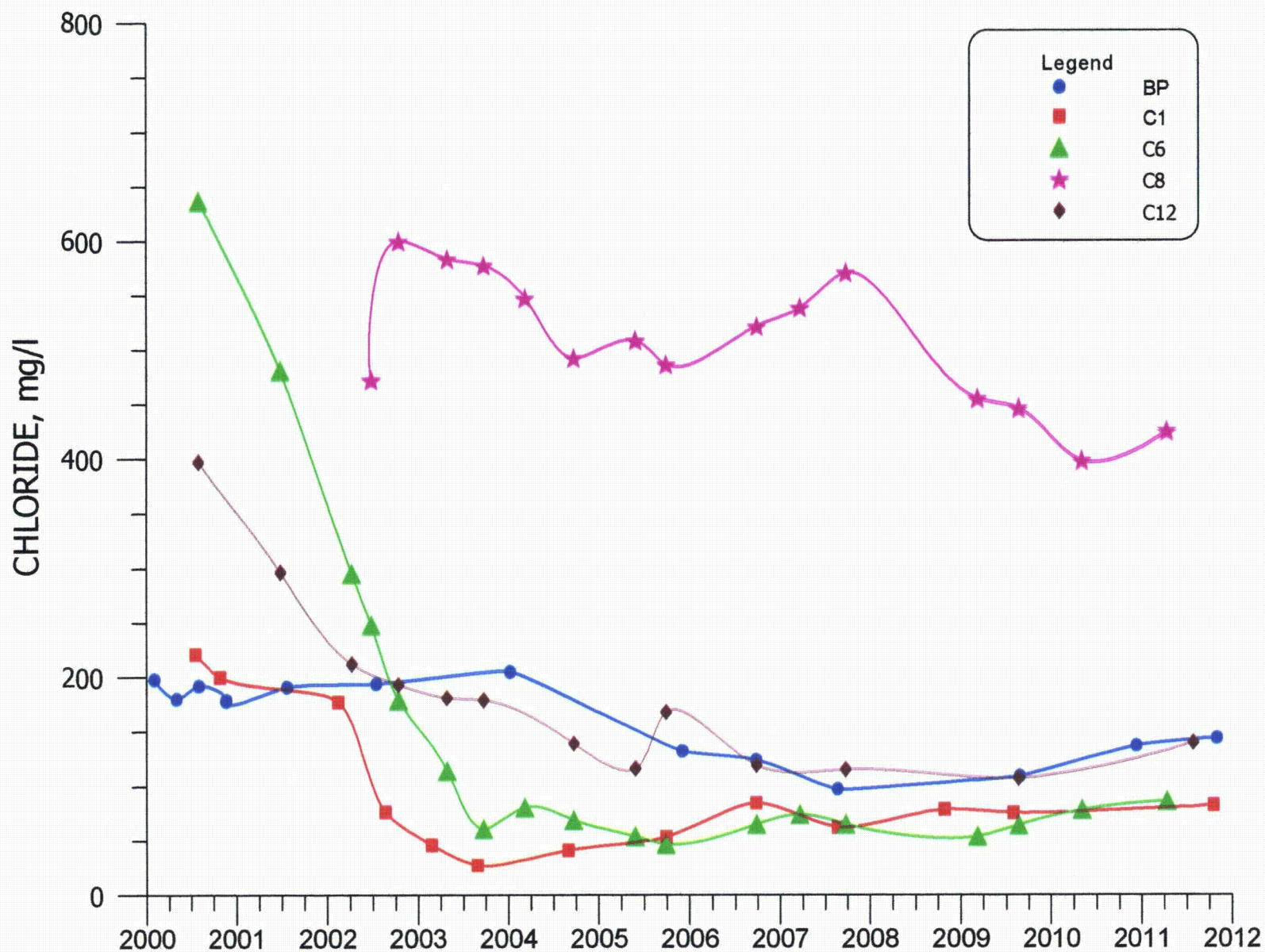


FIGURE 4.3-42. CHLORIDE CONCENTRATIONS FOR WELLS BP, C1, C6, C8 AND C12.

4.3-64

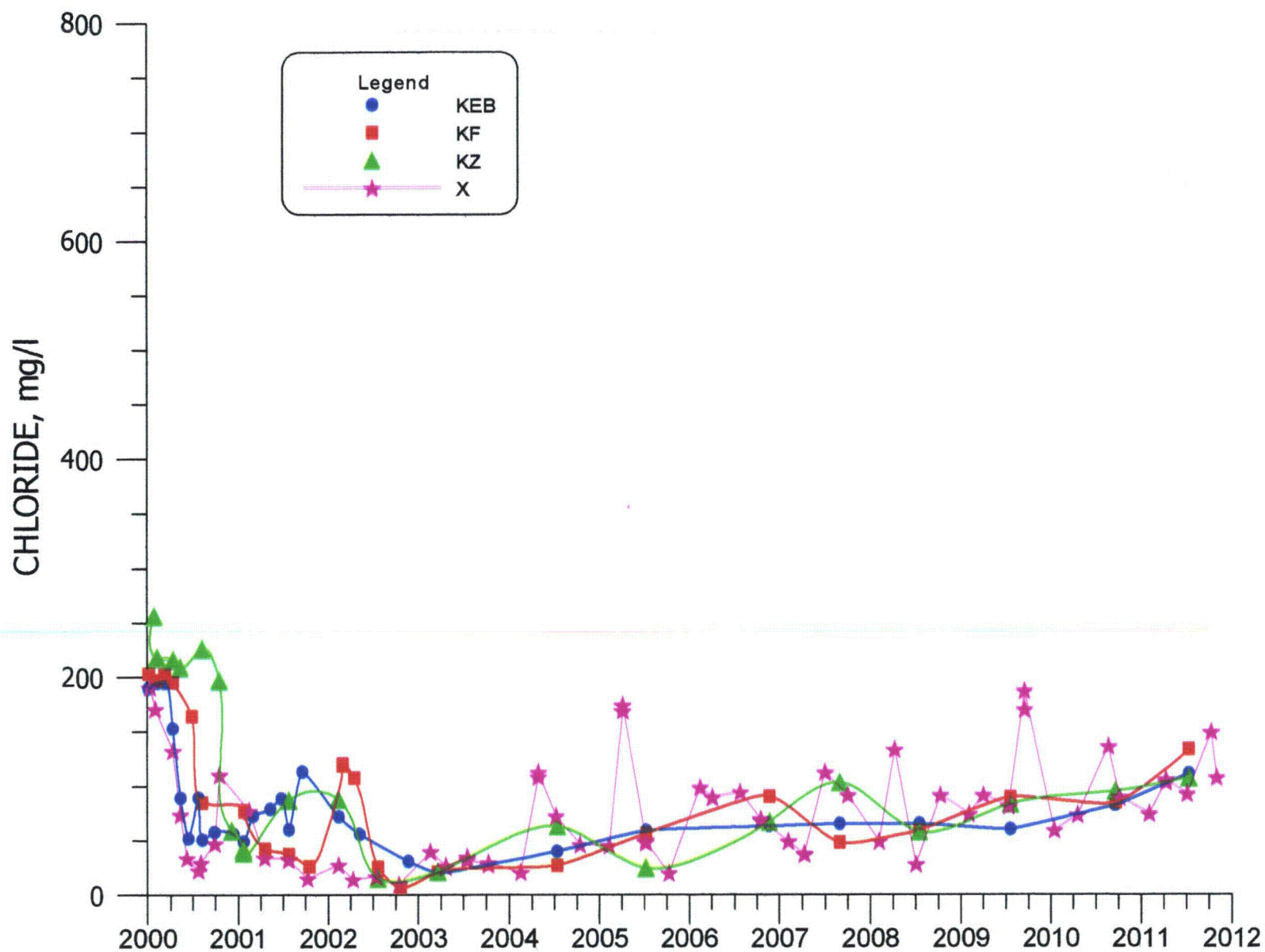


FIGURE 4.3-43. CHLORIDE CONCENTRATIONS FOR WELLS KEB, KF, KZ AND X.

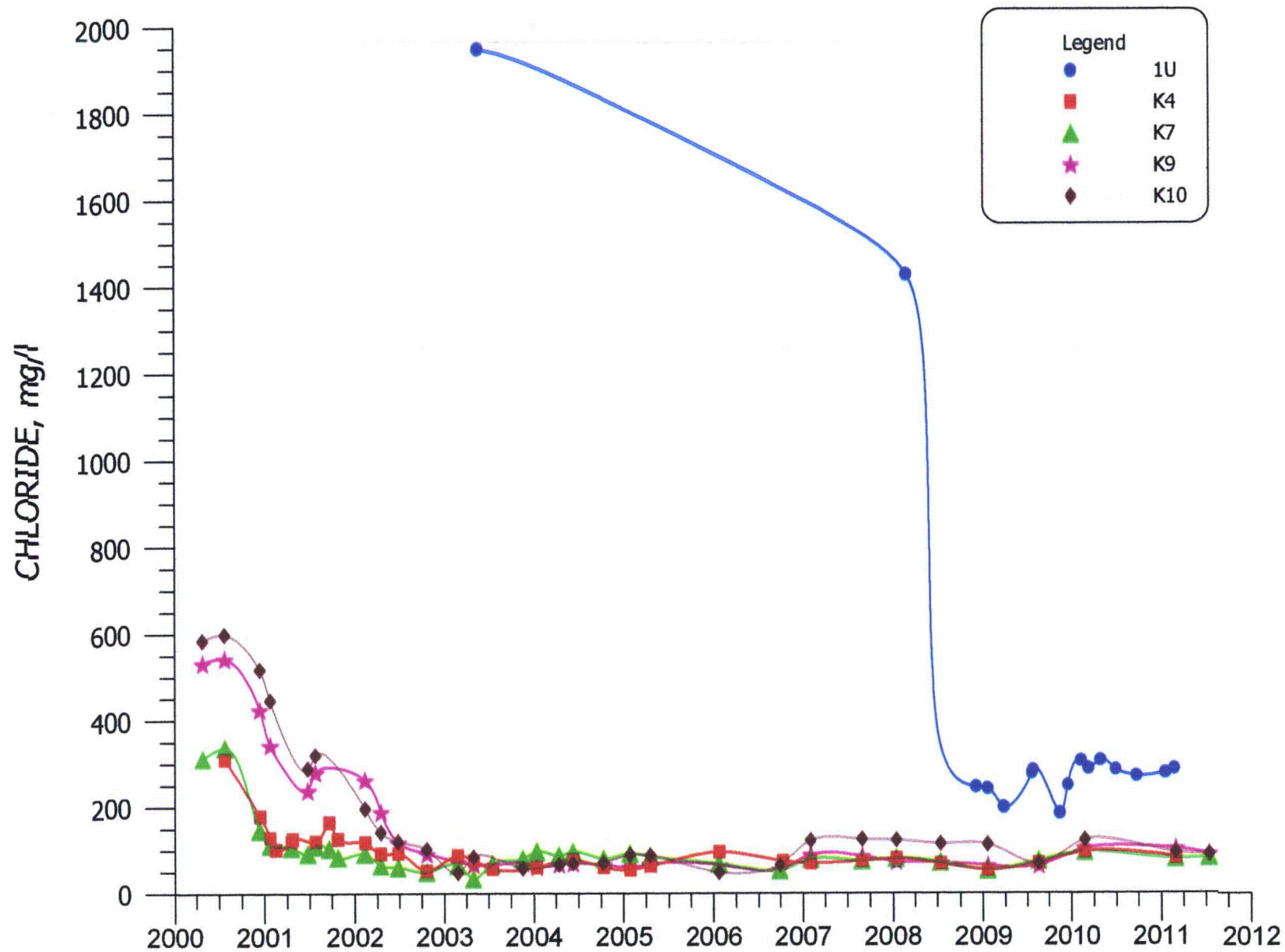


FIGURE 4.3-44. CHLORIDE CONCENTRATIONS FOR WELLS 1U, K4, K7, K9 AND K10.

4.3-66

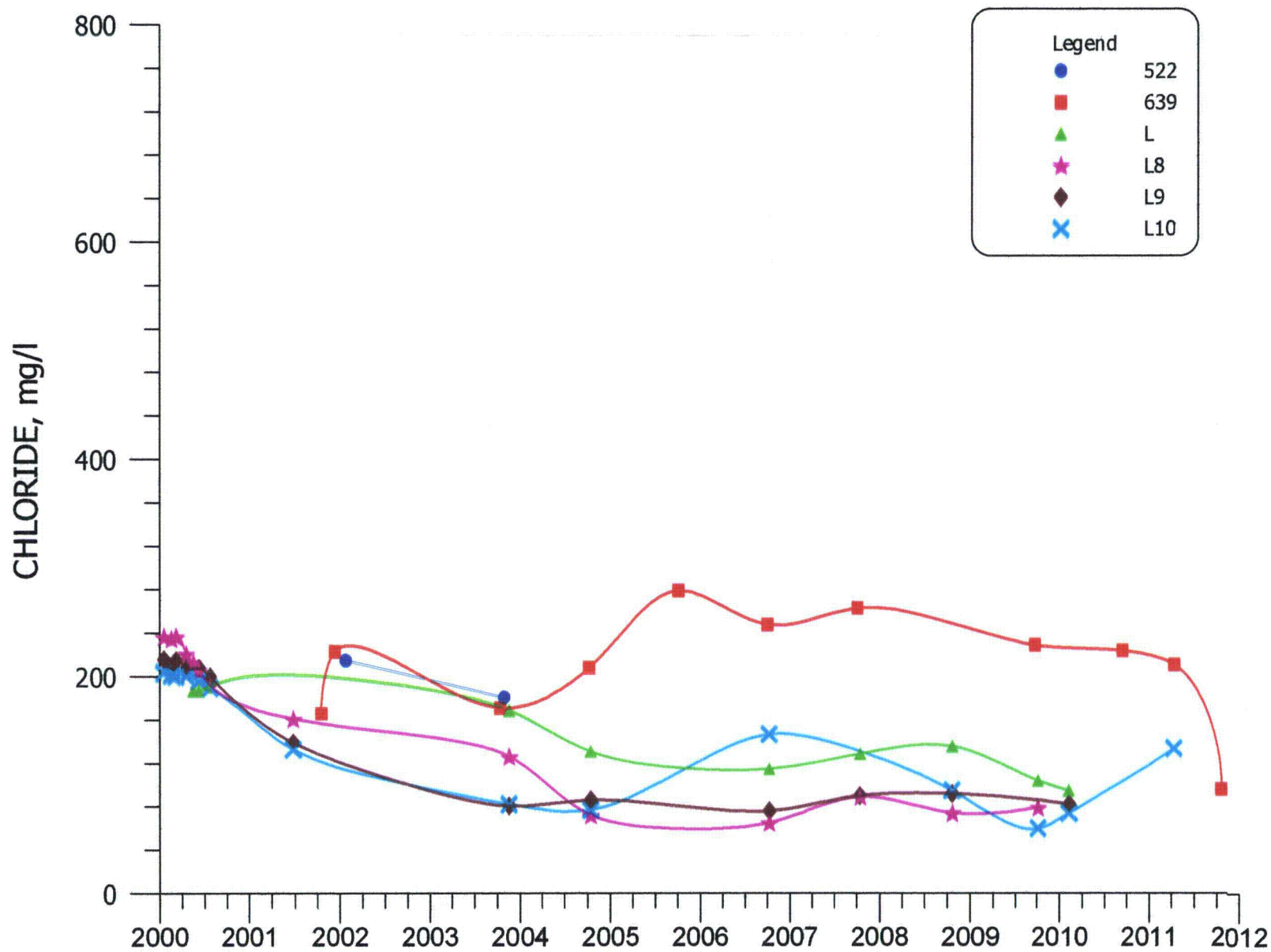


FIGURE 4.3-45. CHLORIDE CONCENTRATIONS FOR WELLS 522, 639, L, L8, L9, AND L10.

4.3-67

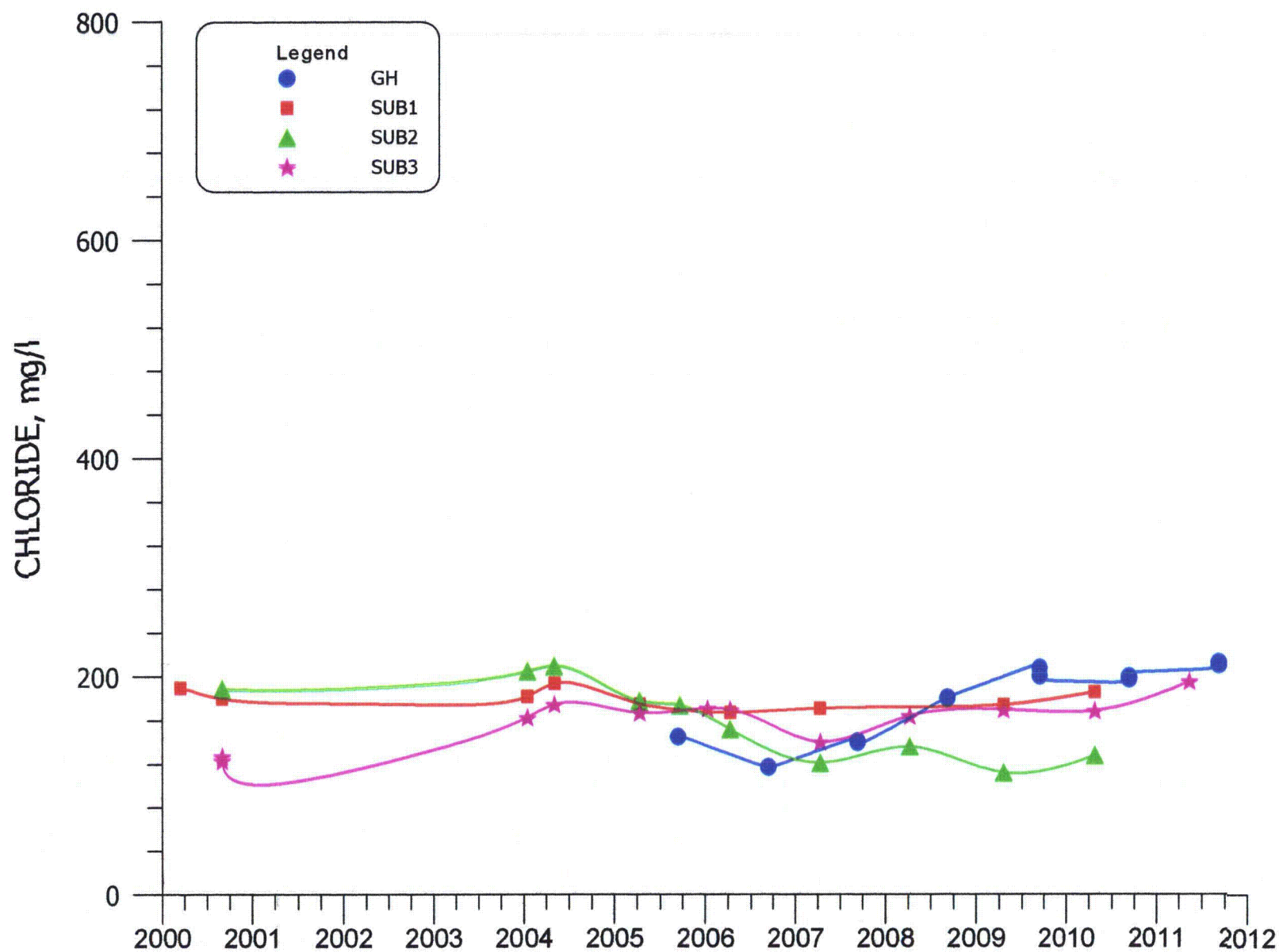


FIGURE 4.3-46. CHLORIDE CONCENTRATIONS FOR WELLS GH, SUB1, SUB2 AND SUB3.

4.3-68

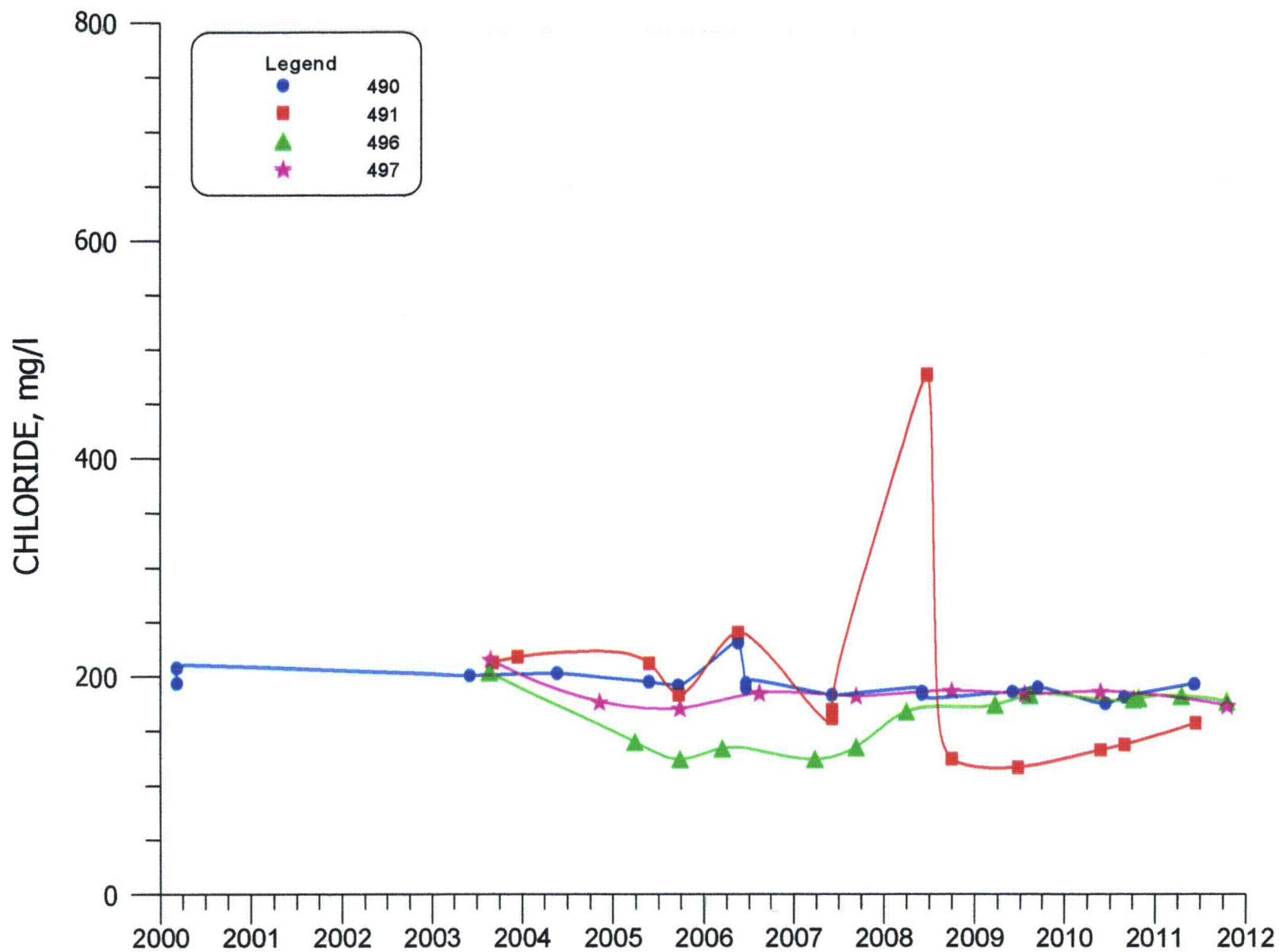


FIGURE 4.3-47. CHLORIDE CONCENTRATIONS FOR WELLS 490, 491, 496 AND 497.

4.3-69

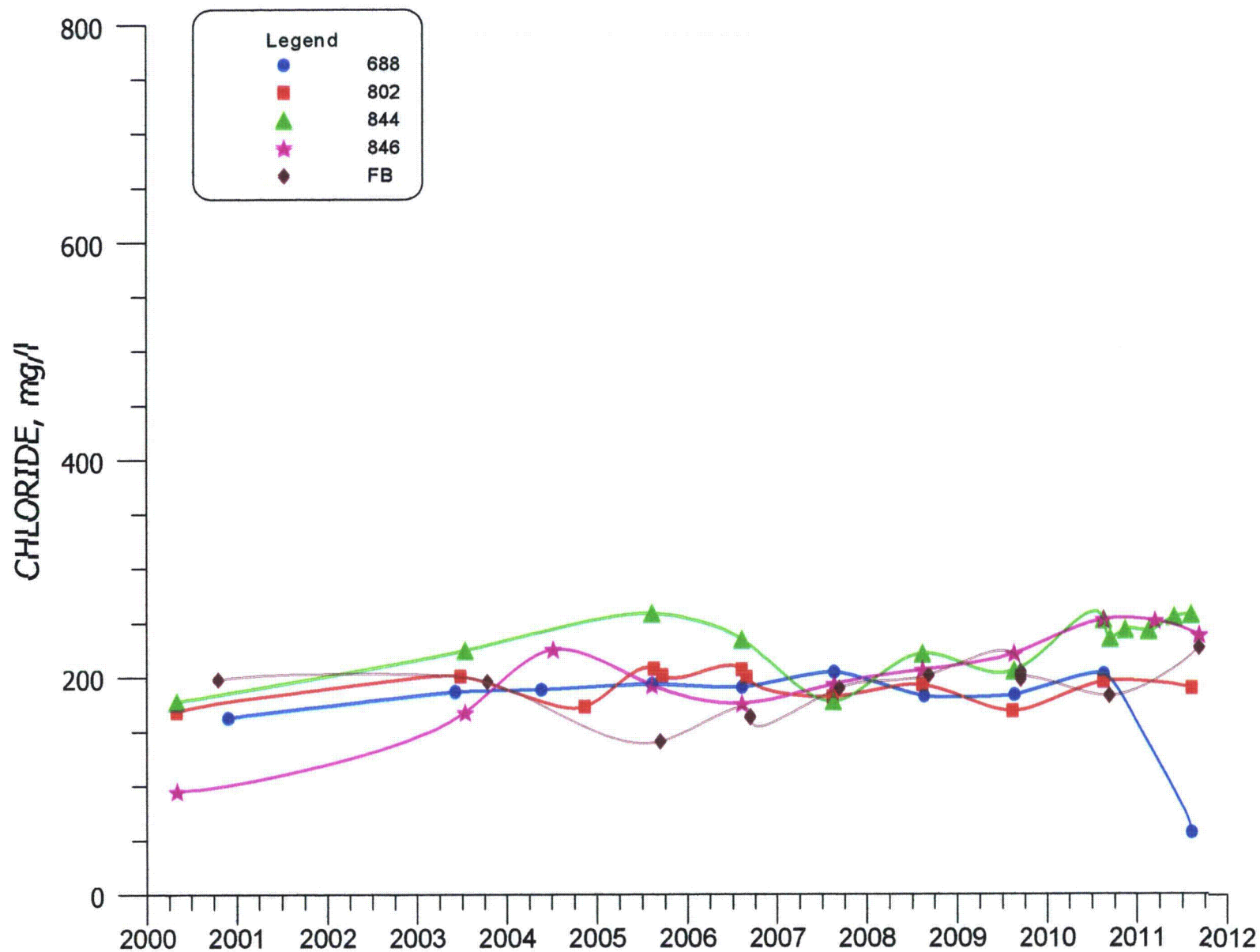


FIGURE 4.3-48. CHLORIDE CONCENTRATIONS FOR WELLS 688, 802, 844, 846, AND FB.

4.3-70

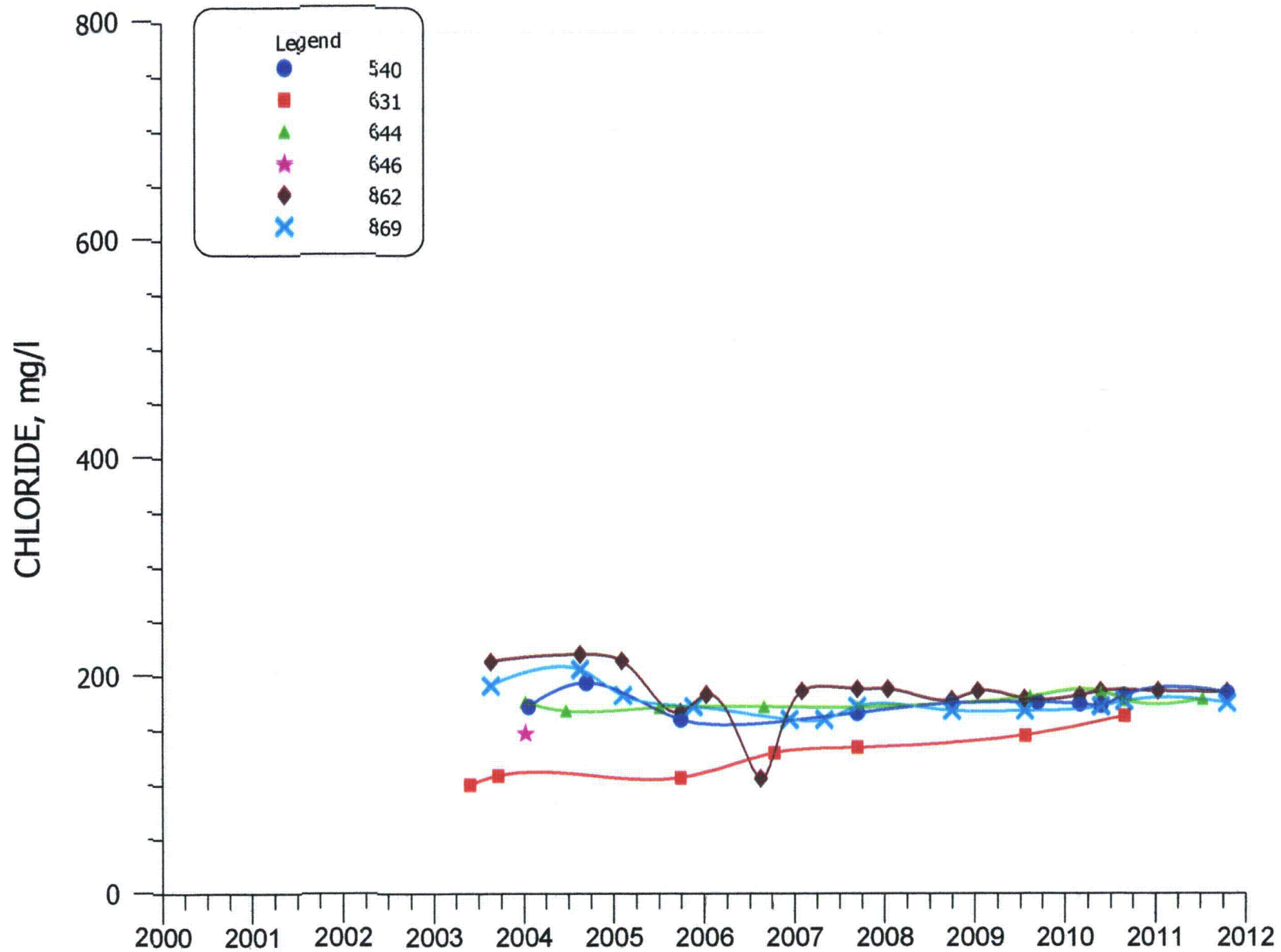


FIGURE 4.3-49. CHLORIDE CONCENTRATIONS FOR WELLS 540, 631, 644, 646, 862, AND 869.

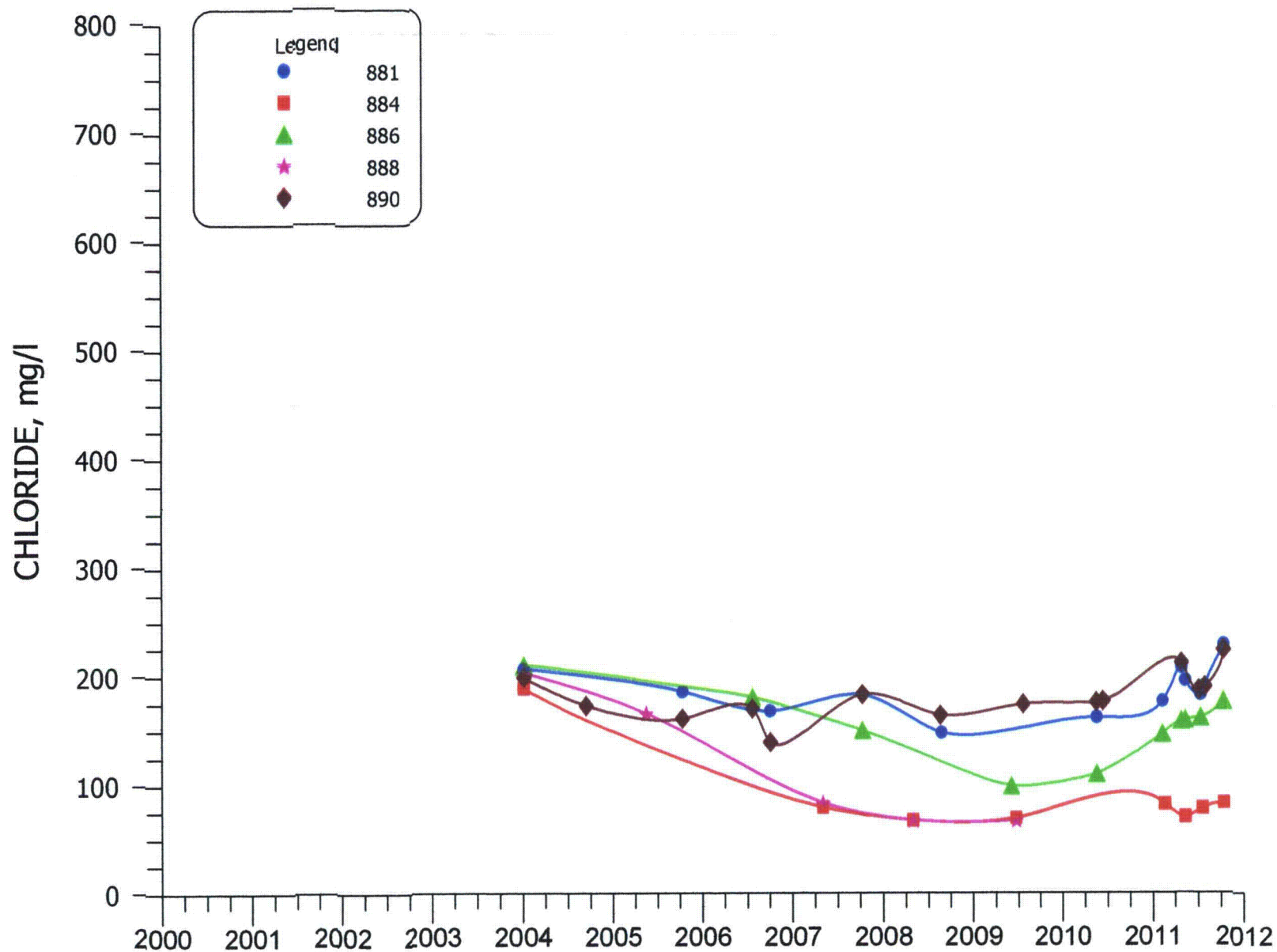


FIGURE 4.3-50. CHLORIDE CONCENTRATIONS FOR WELLS 881, 884, 886, 888, AND 890.

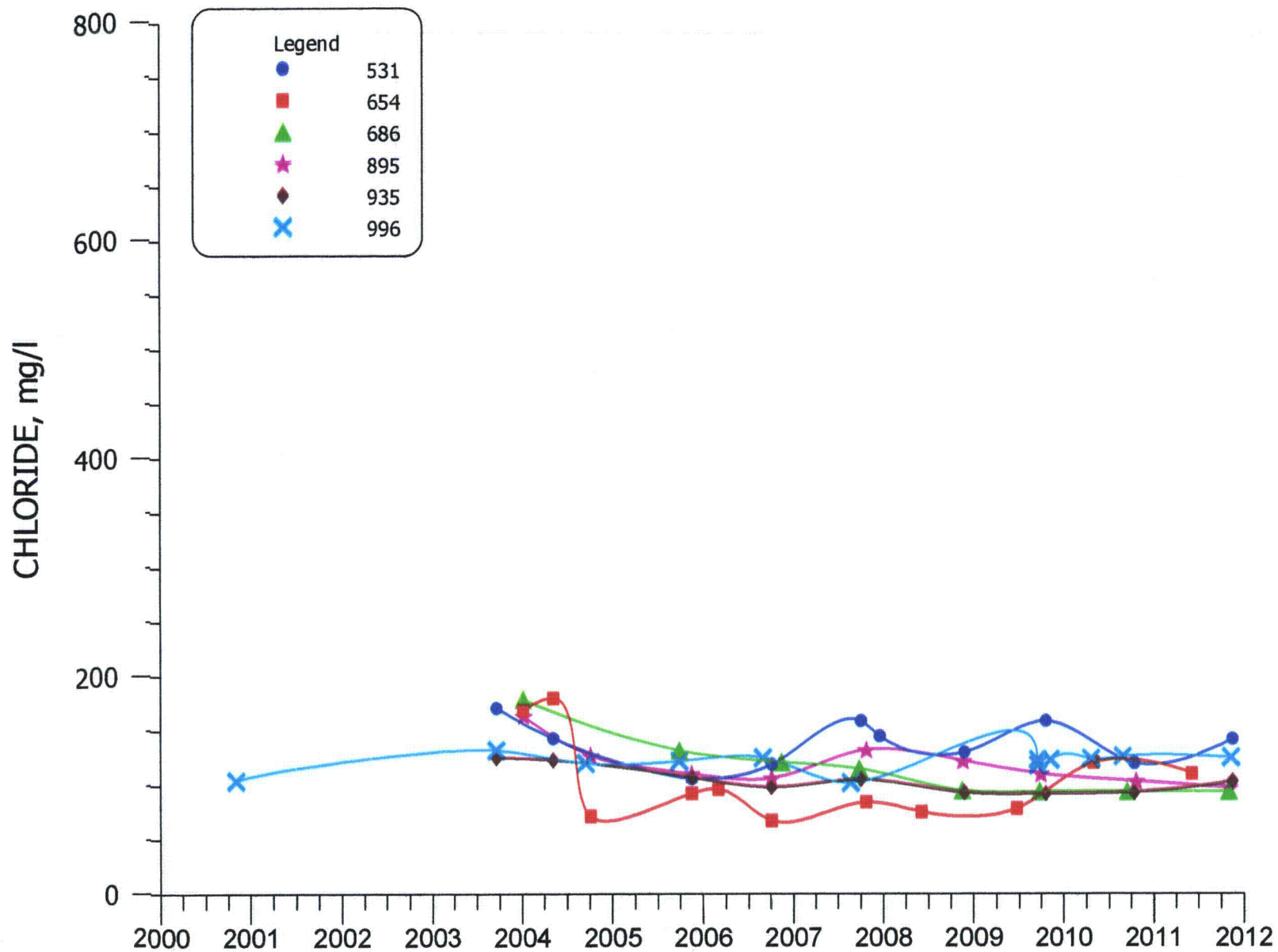


FIGURE 4.3-51. CHLORIDE CONCENTRATIONS FOR WELLS 531, 654, 686, 895, 935 AND 996.

4.3-73

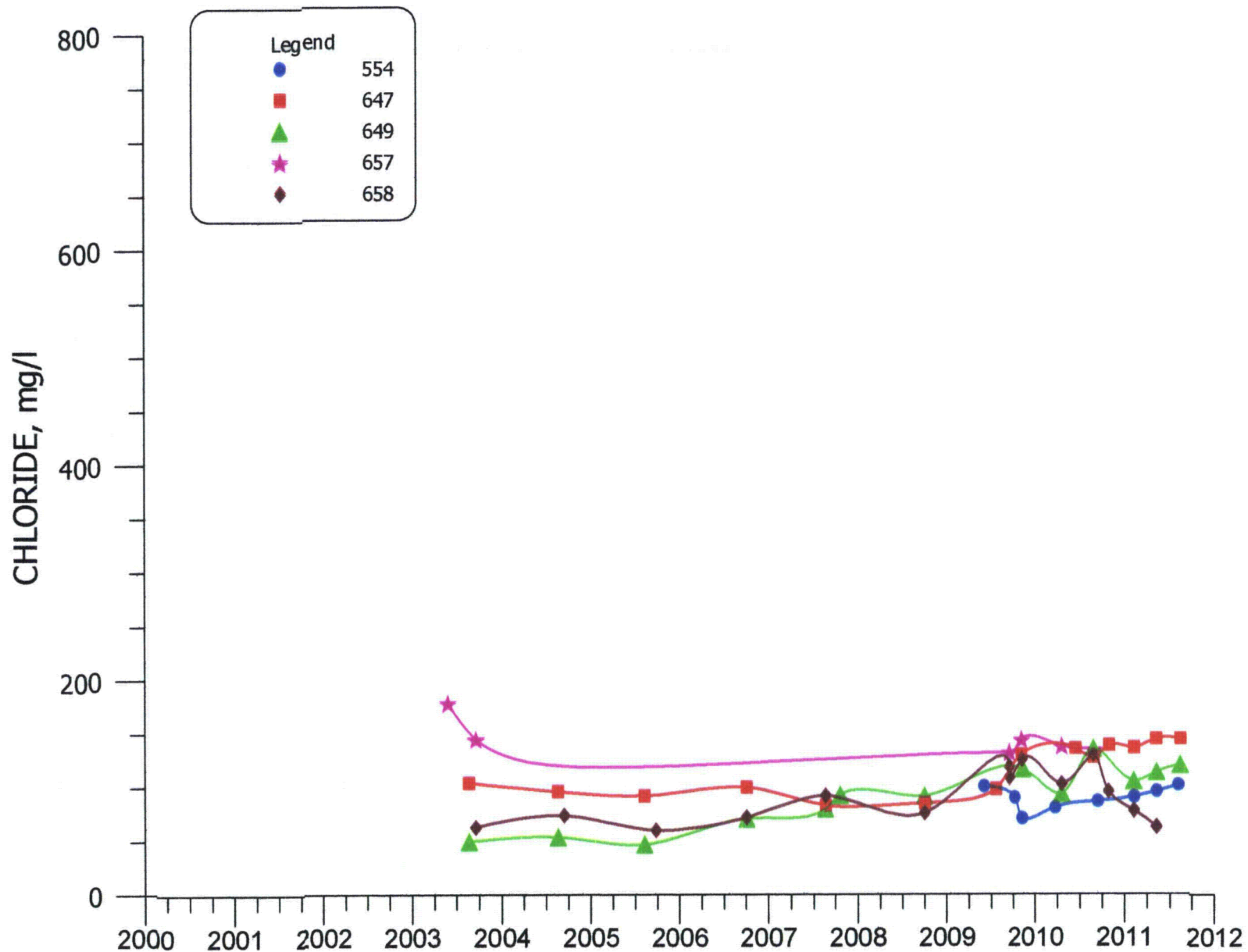
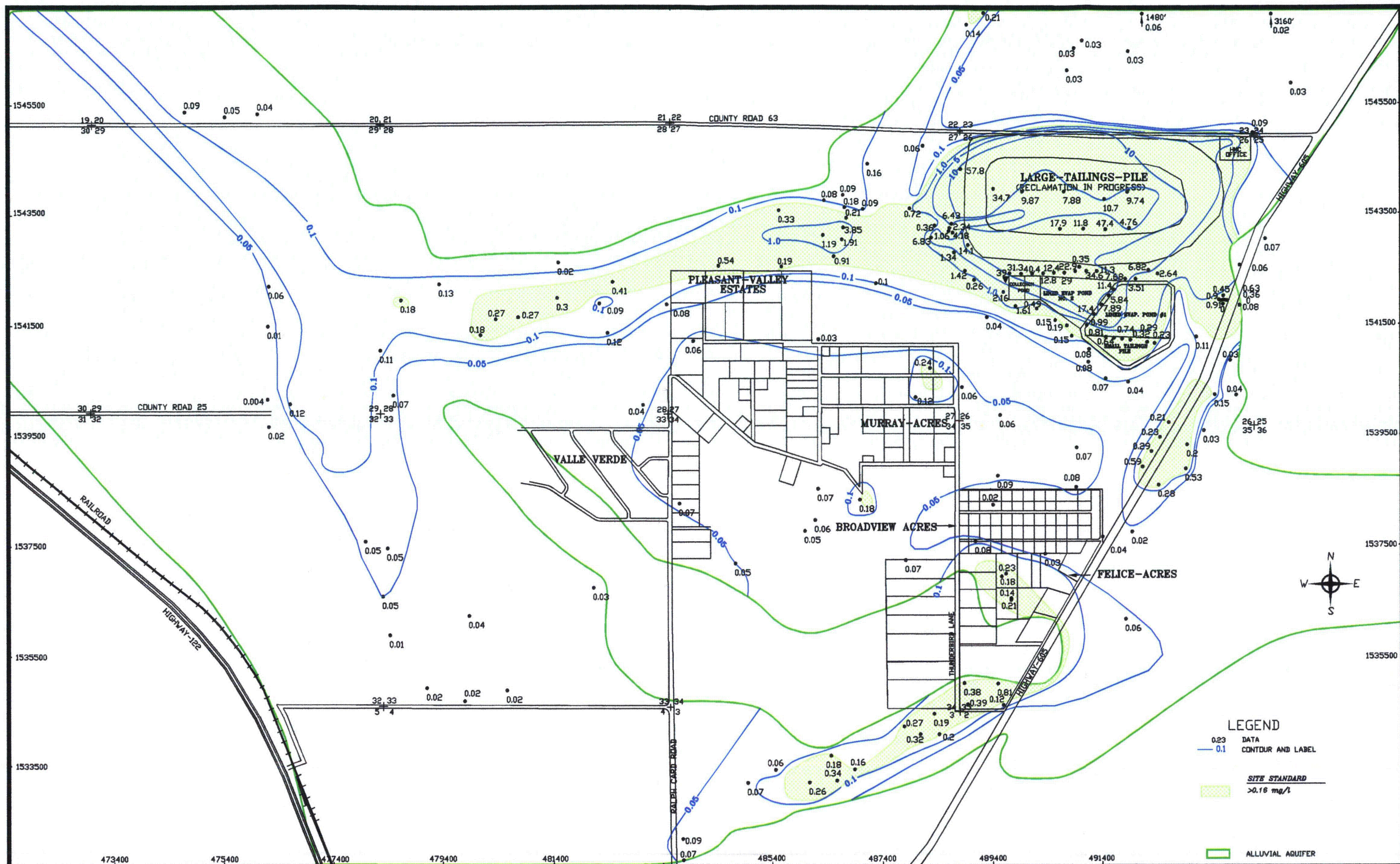


FIGURE 4.3-52. CHLORIDE CONCENTRATIONS FOR WELLS 554, 647, 649, 657 AND 658.



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FIGURE 4.3-53. URANIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, 2011 mg/l

4.3-75

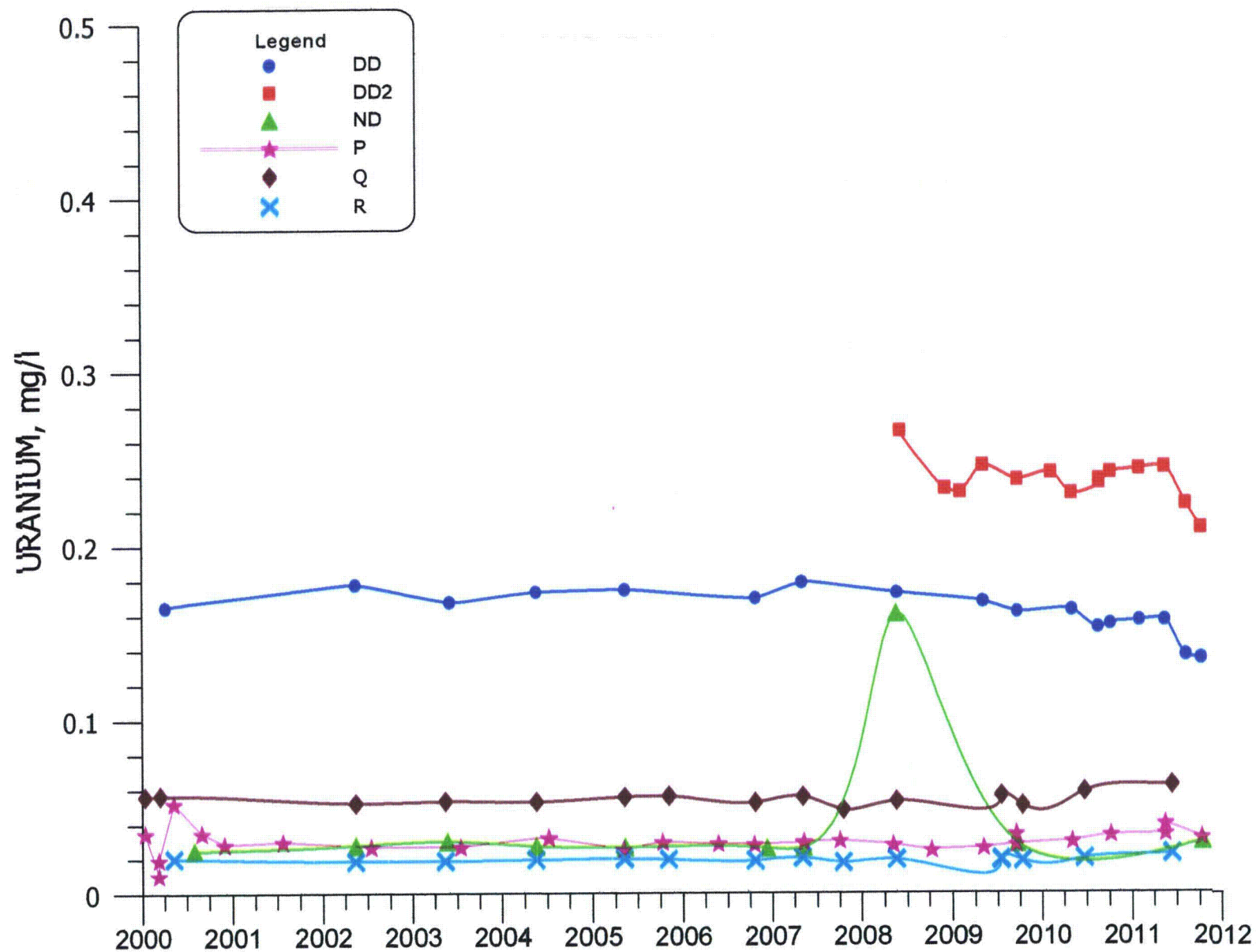


FIGURE 4.3-54. URANIUM CONCENTRATIONS FOR WELLS DD, DD2, ND, P, Q AND R.

4.3-76

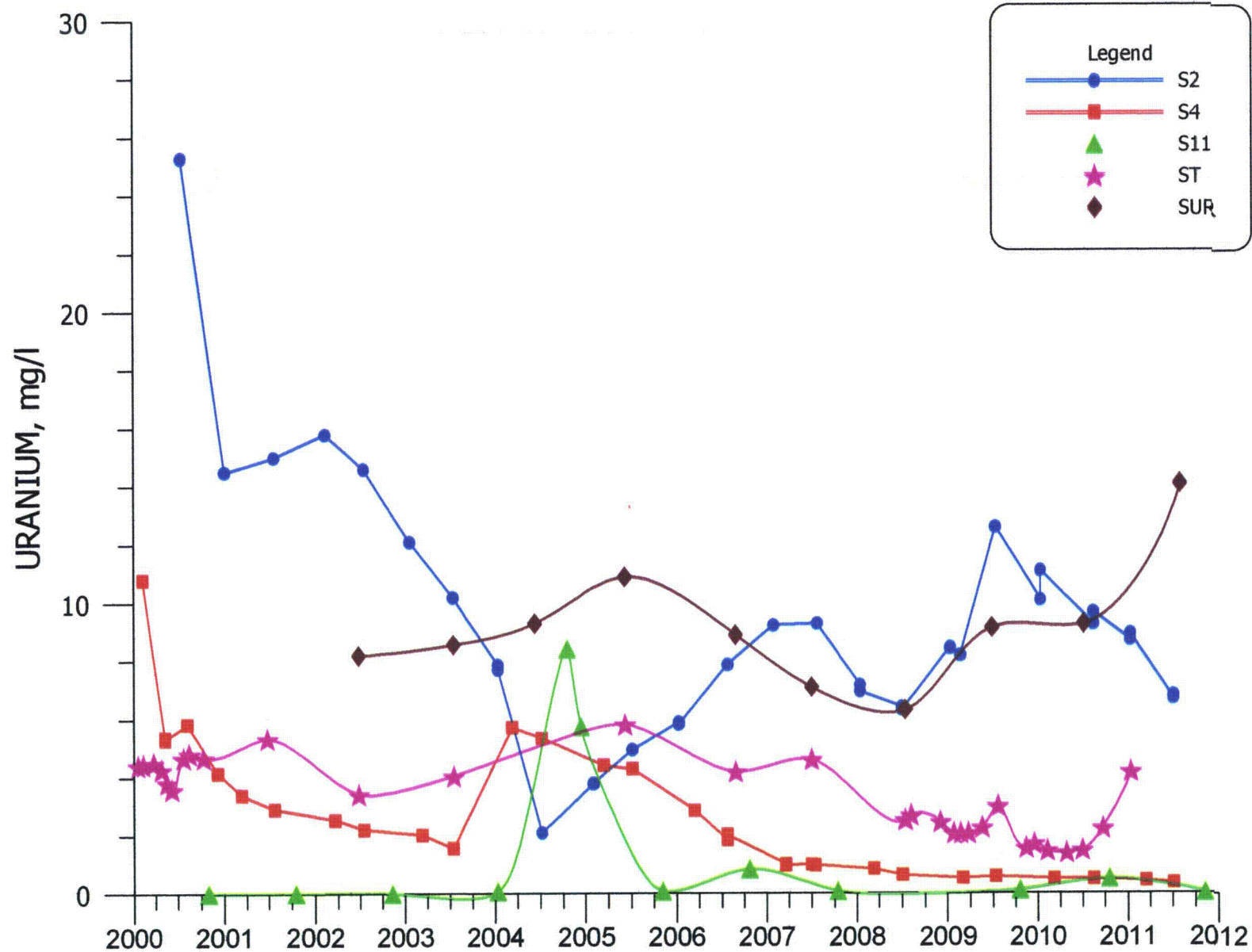


FIGURE 4.3-55. URANIUM CONCENTRATIONS FOR WELLS NC, S2, S4, S11 AND ST.

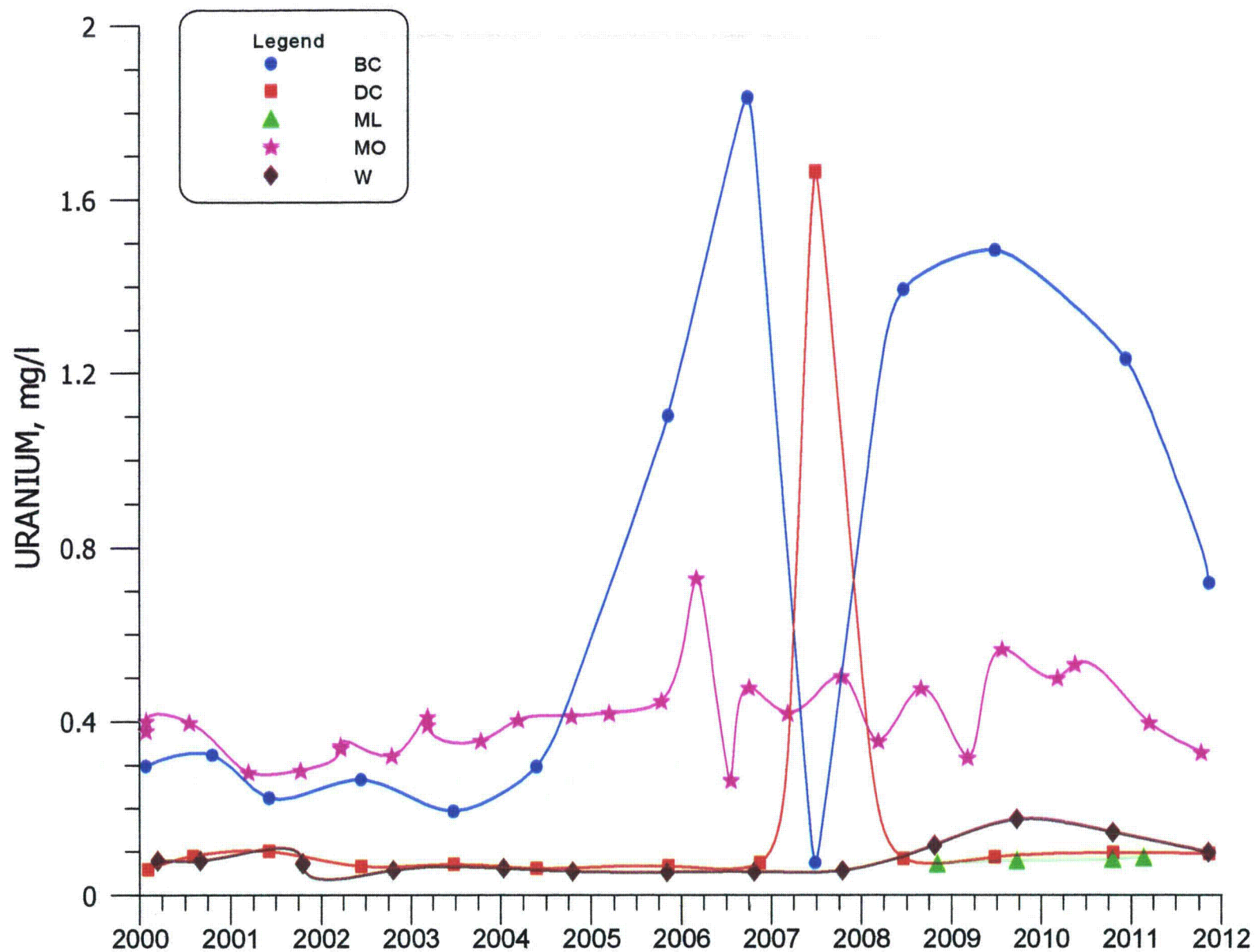


FIGURE 4.3-56. URANIUM CONCENTRATIONS FOR WELLS BC, DC, ML, MO AND W.

4.3-78

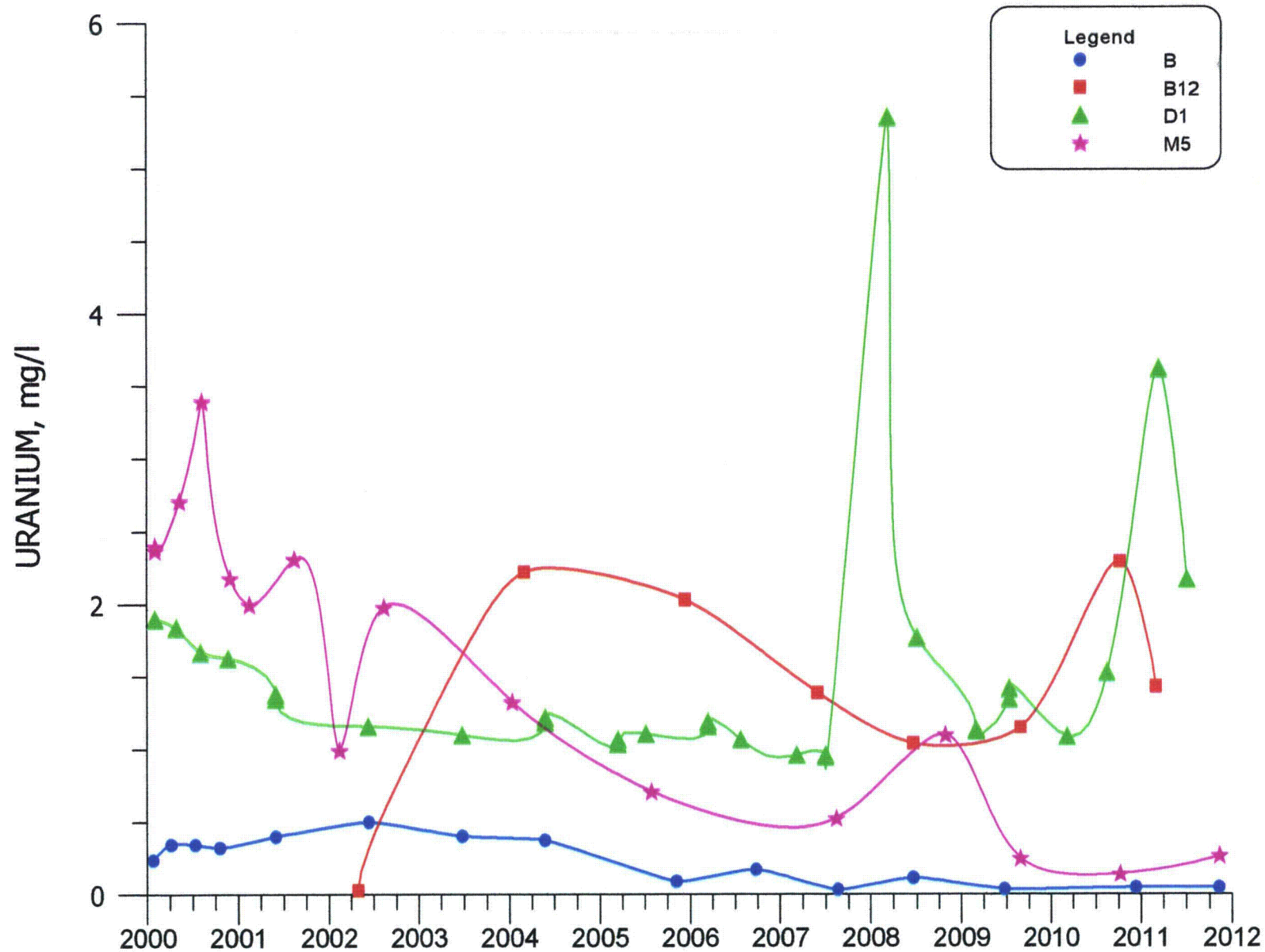


FIGURE 4.3-57. URANIUM CONCENTRATIONS FOR WELLS B, B12, D1, AND M5.

4.3-79

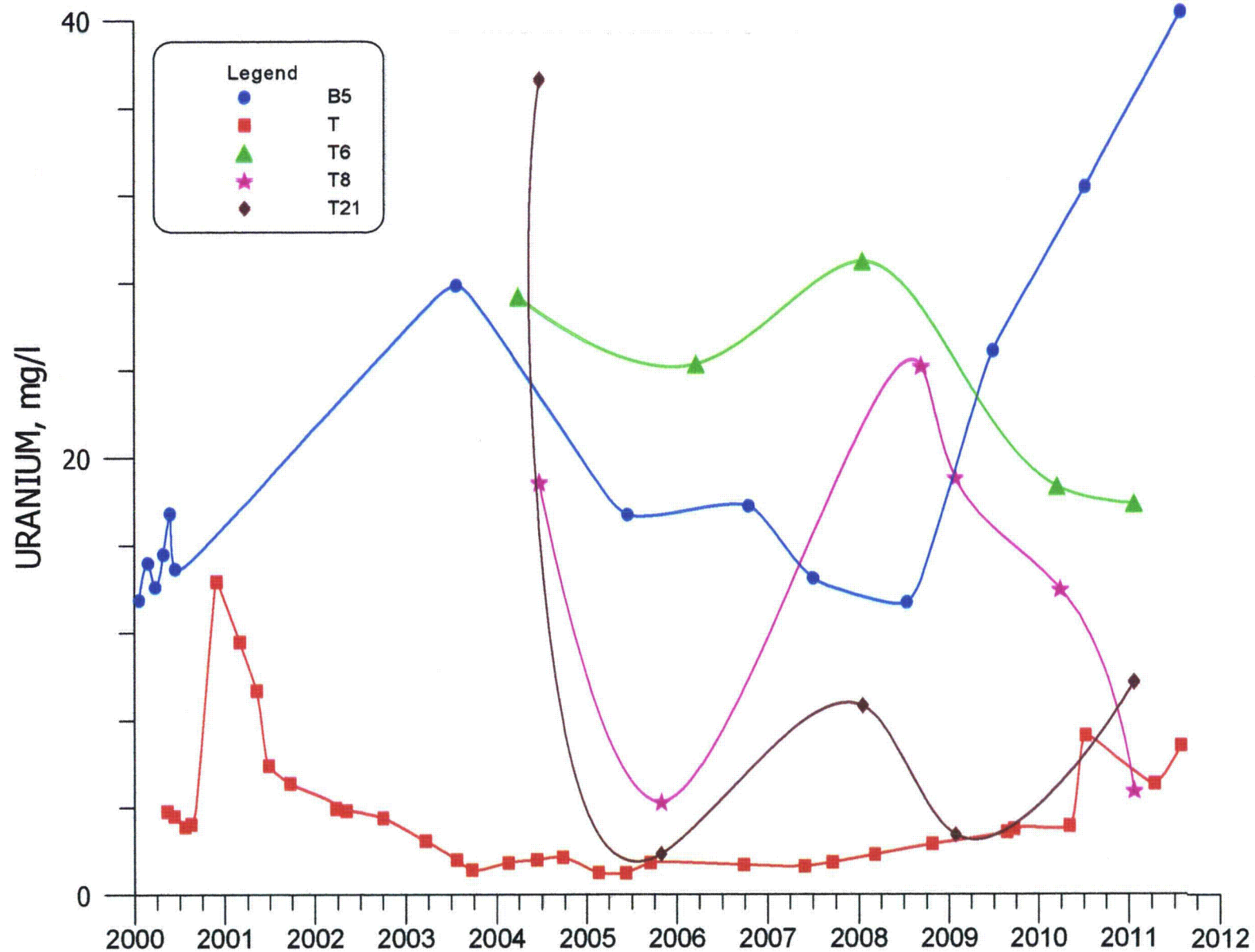


FIGURE 4.3-58. URANIUM CONCENTRATIONS FOR WELLS B5, T, T6, T8, AND T21.

4.3-80

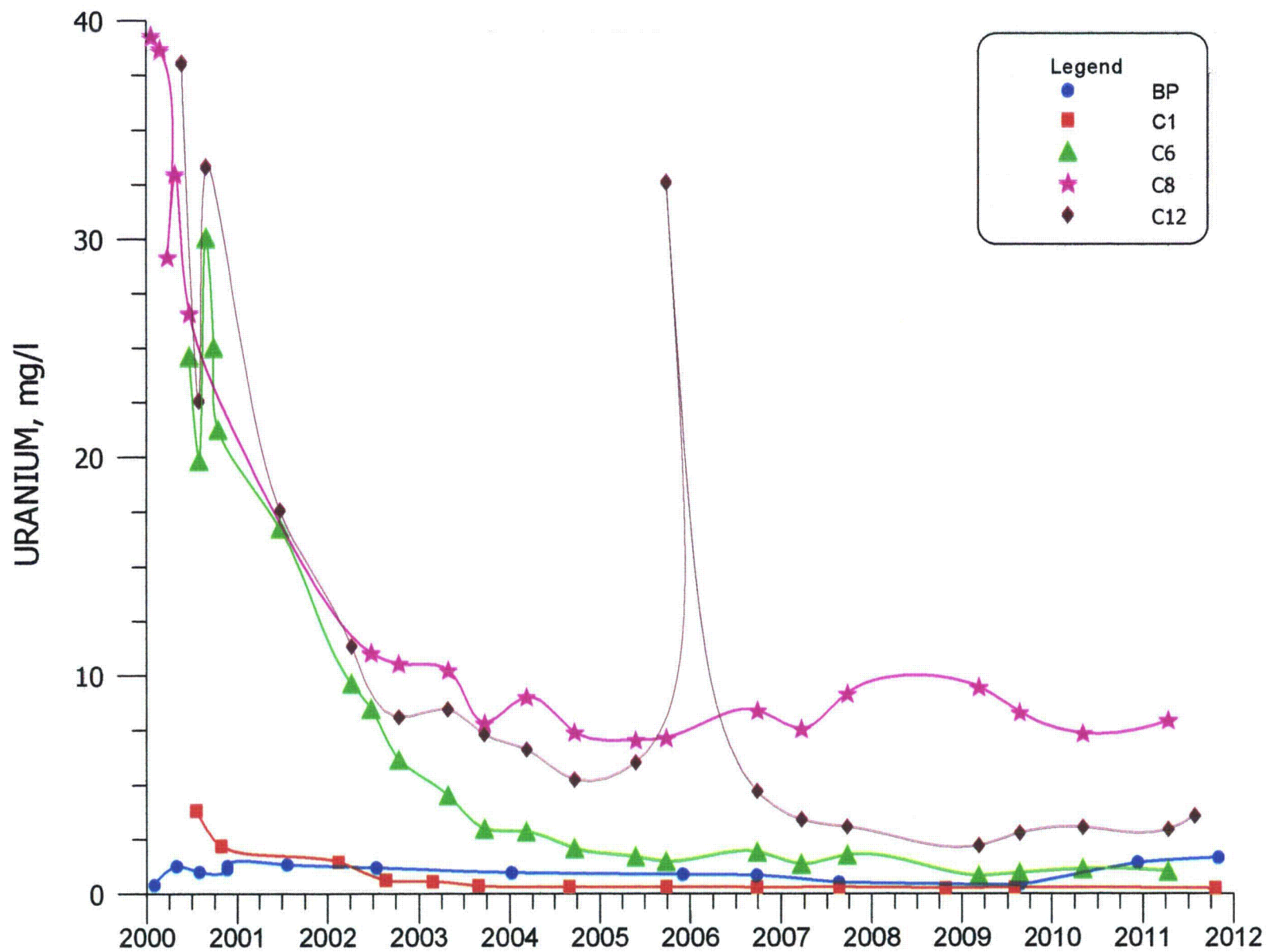


FIGURE 4.3-59. URANIUM CONCENTRATIONS FOR WELLS BP, C1, C6, C8, AND C12.

4.3-81

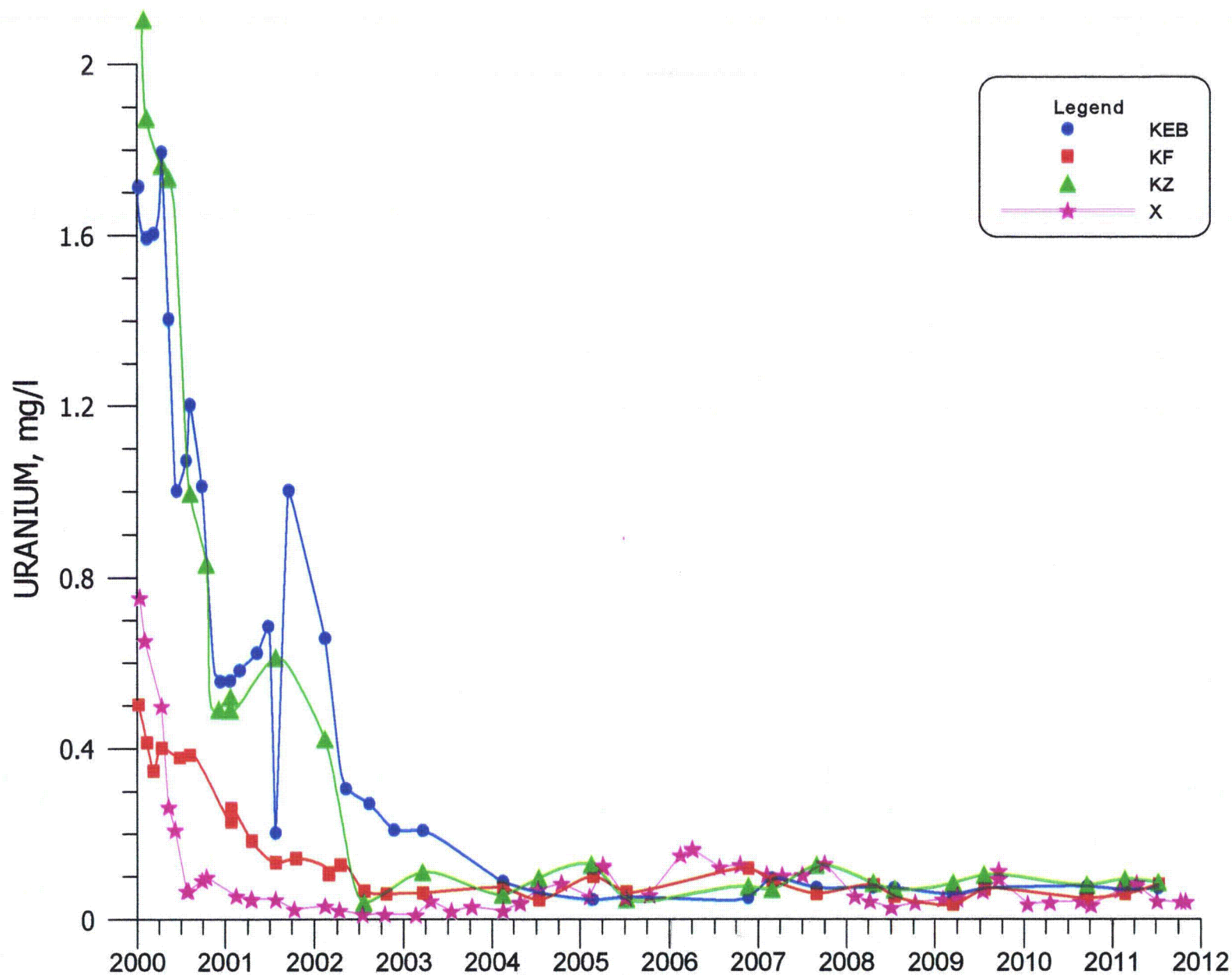


FIGURE 4.3-60. URANIUM CONCENTRATIONS FOR WELLS KEB, KF, KZ, AND X.

4.3-82

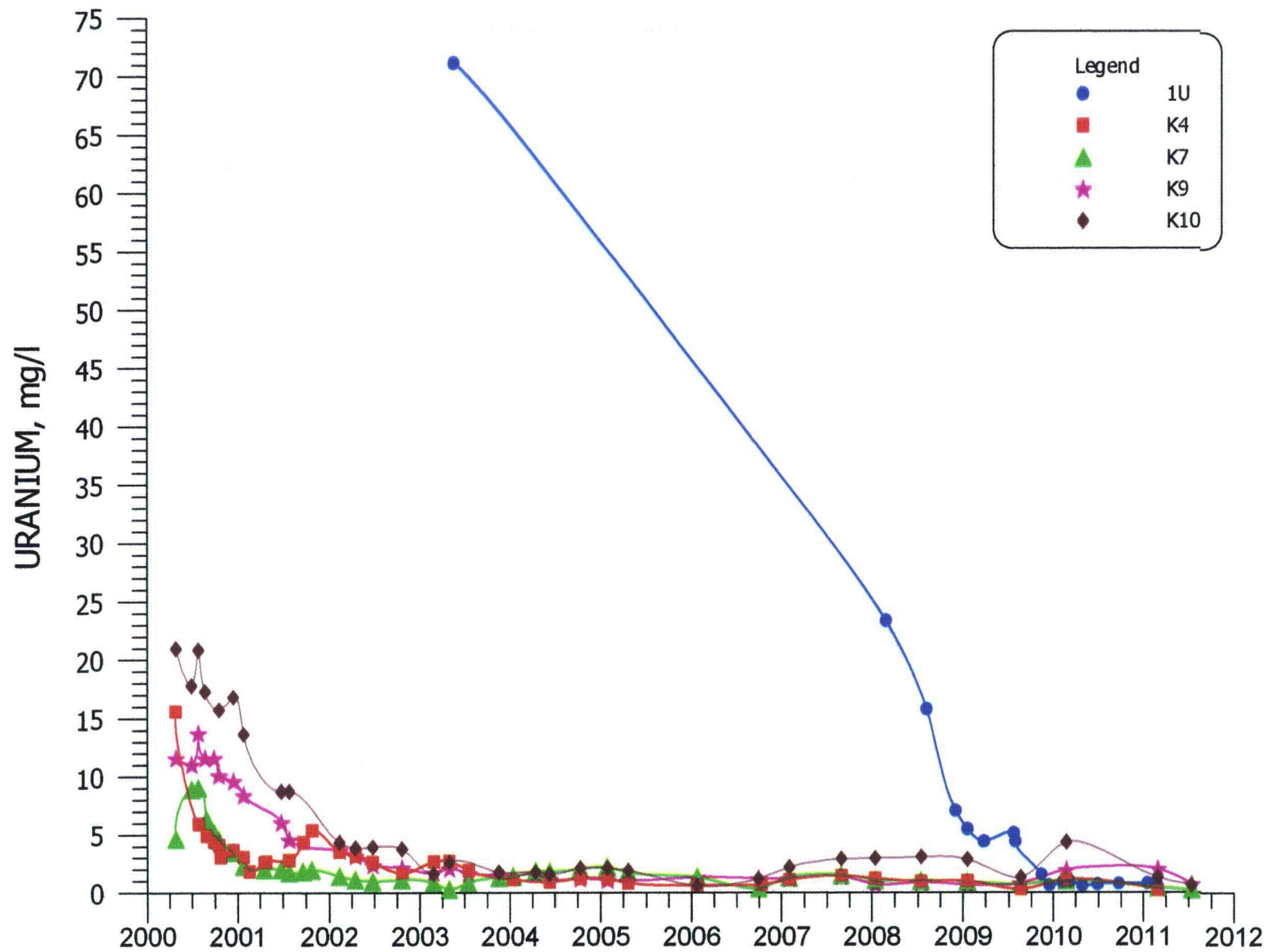


FIGURE 4.3-61. URANIUM CONCENTRATIONS FOR WELLS 1U, K4, K7, K9 AND K10.

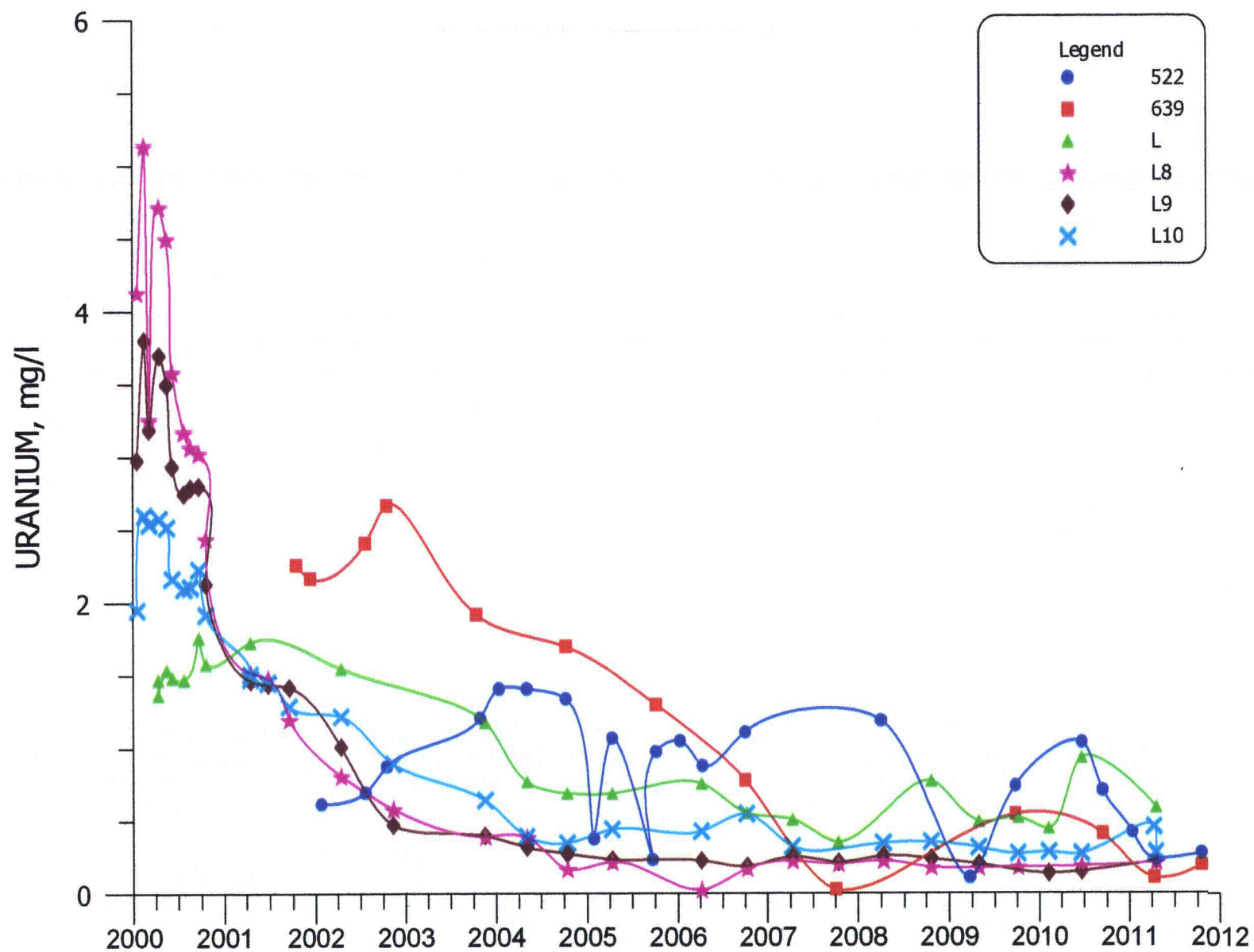


FIGURE 4.3-62. URANIUM CONCENTRATIONS FOR WELLS 522, 639, L, L8, L9, AND L10.

4.3-84

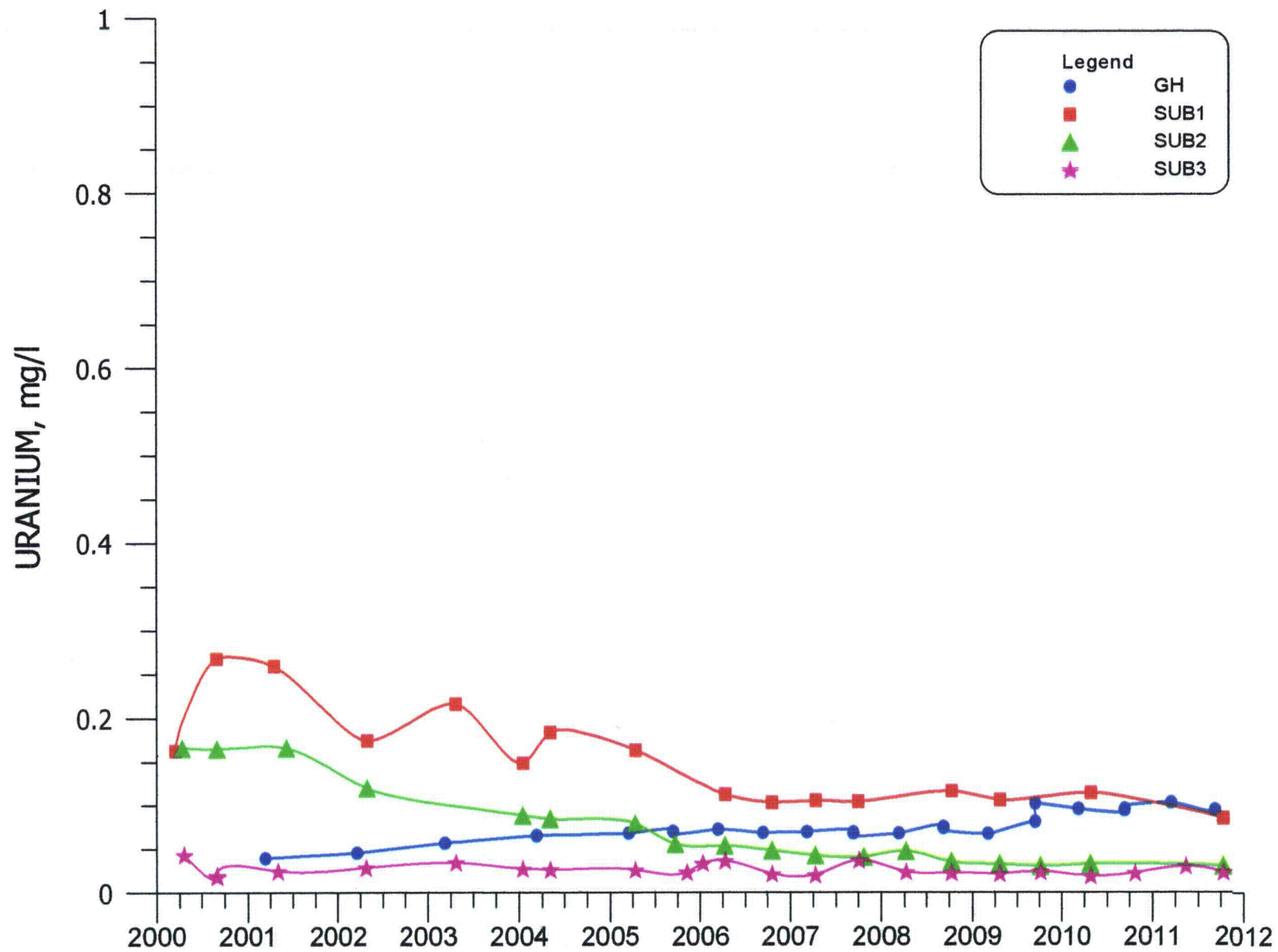


FIGURE 4.3-63. URANIUM CONCENTRATIONS FOR WELLS GH, SUB1, SUB2, AND SUB3.

4.3-85

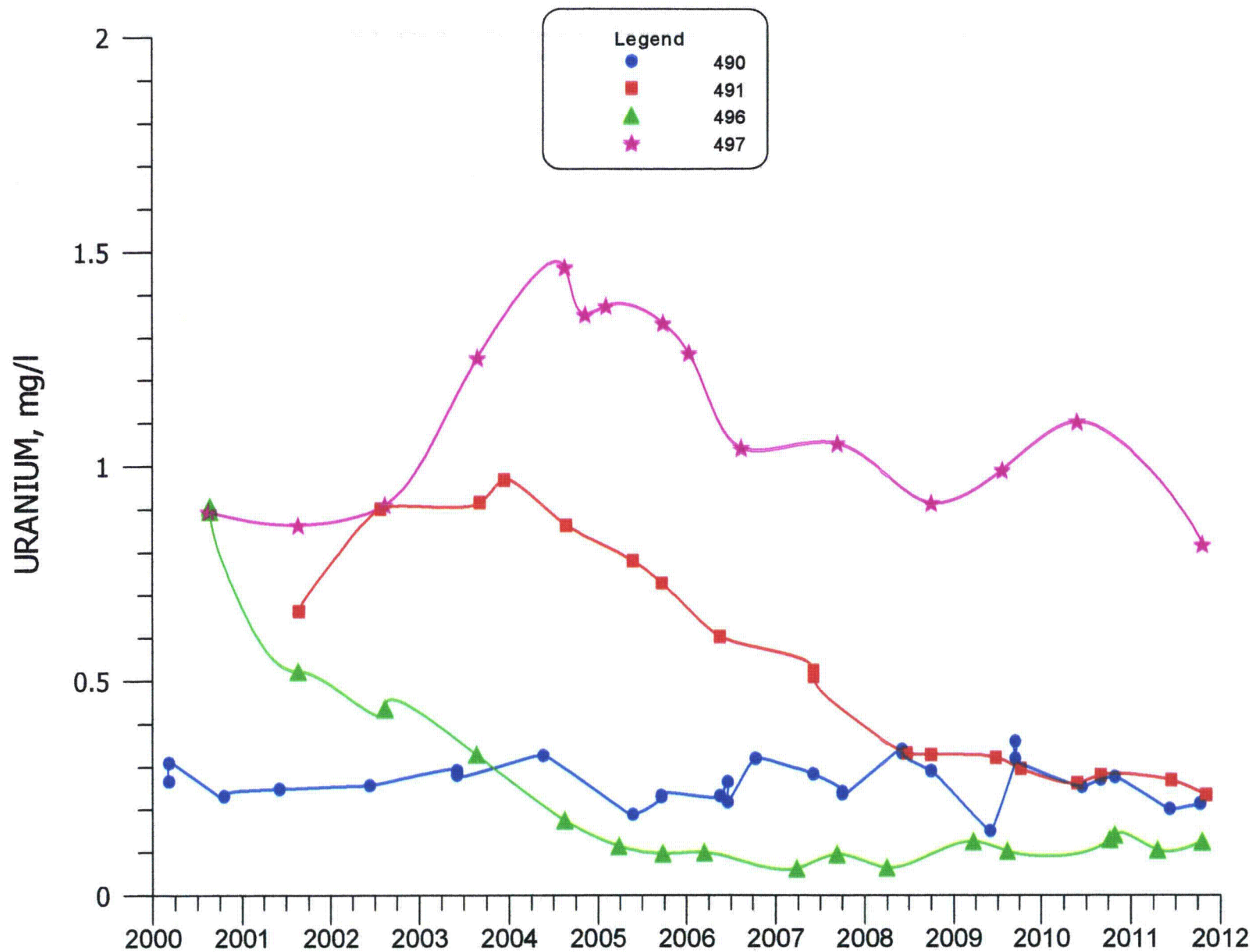


FIGURE 4.3-64. URANIUM CONCENTRATIONS FOR WELLS 490, 491, 496 AND 497.

4.3-86

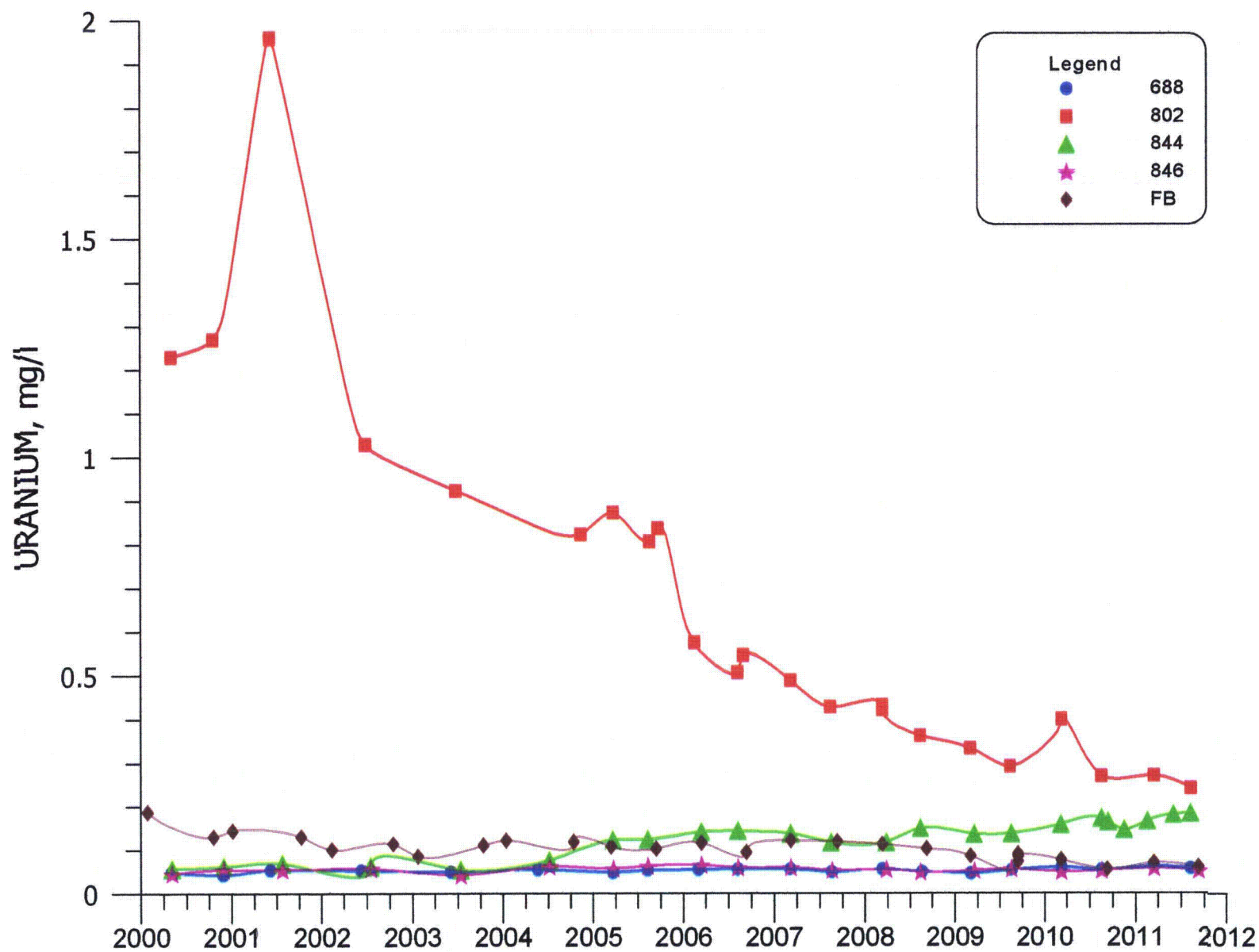


FIGURE 4.3-65. URANIUM CONCENTRATIONS FOR WELLS 688, 802, 844, 846, AND FB.

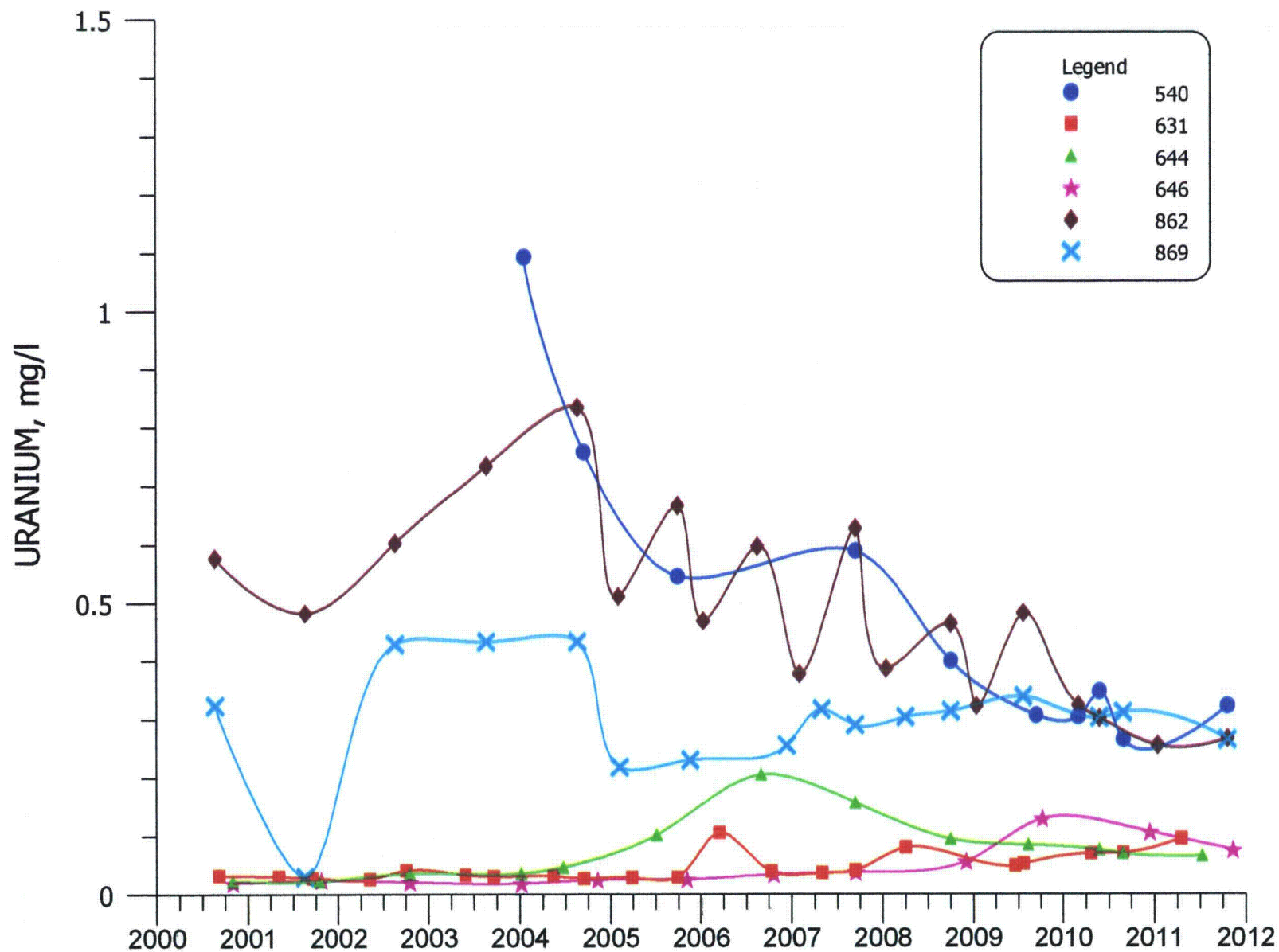


FIGURE 4.3-66. URANIUM CONCENTRATIONS FOR WELLS 540, 631, 644, 646, 862, AND 869.

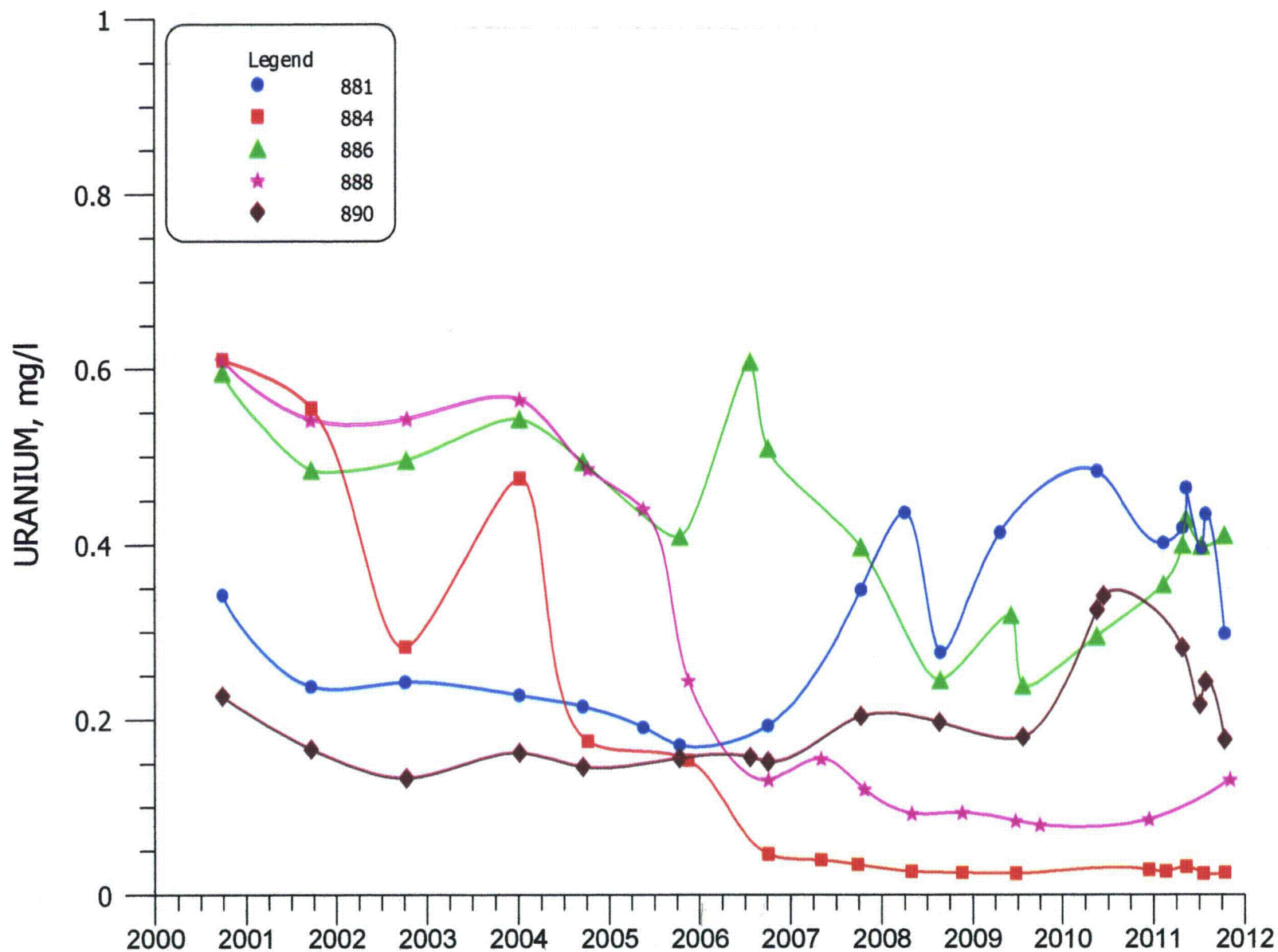


FIGURE 4.3-67. URANIUM CONCENTRATIONS FOR WELLS 881, 884, 886, 888 AND 890.

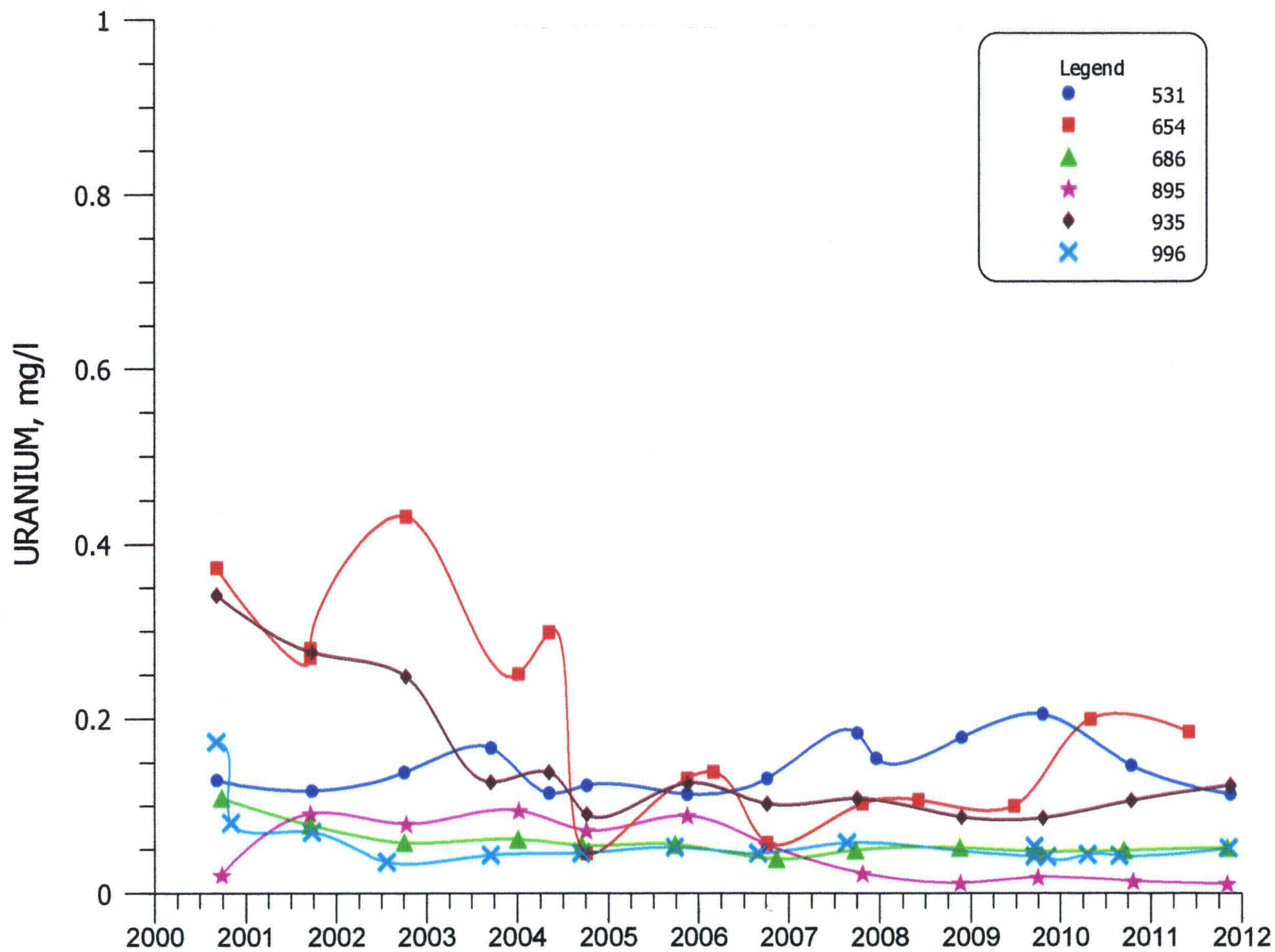


FIGURE 4.3-68. URANIUM CONCENTRATIONS FOR WELLS 531, 654, 686, 895, 935 AND 996.

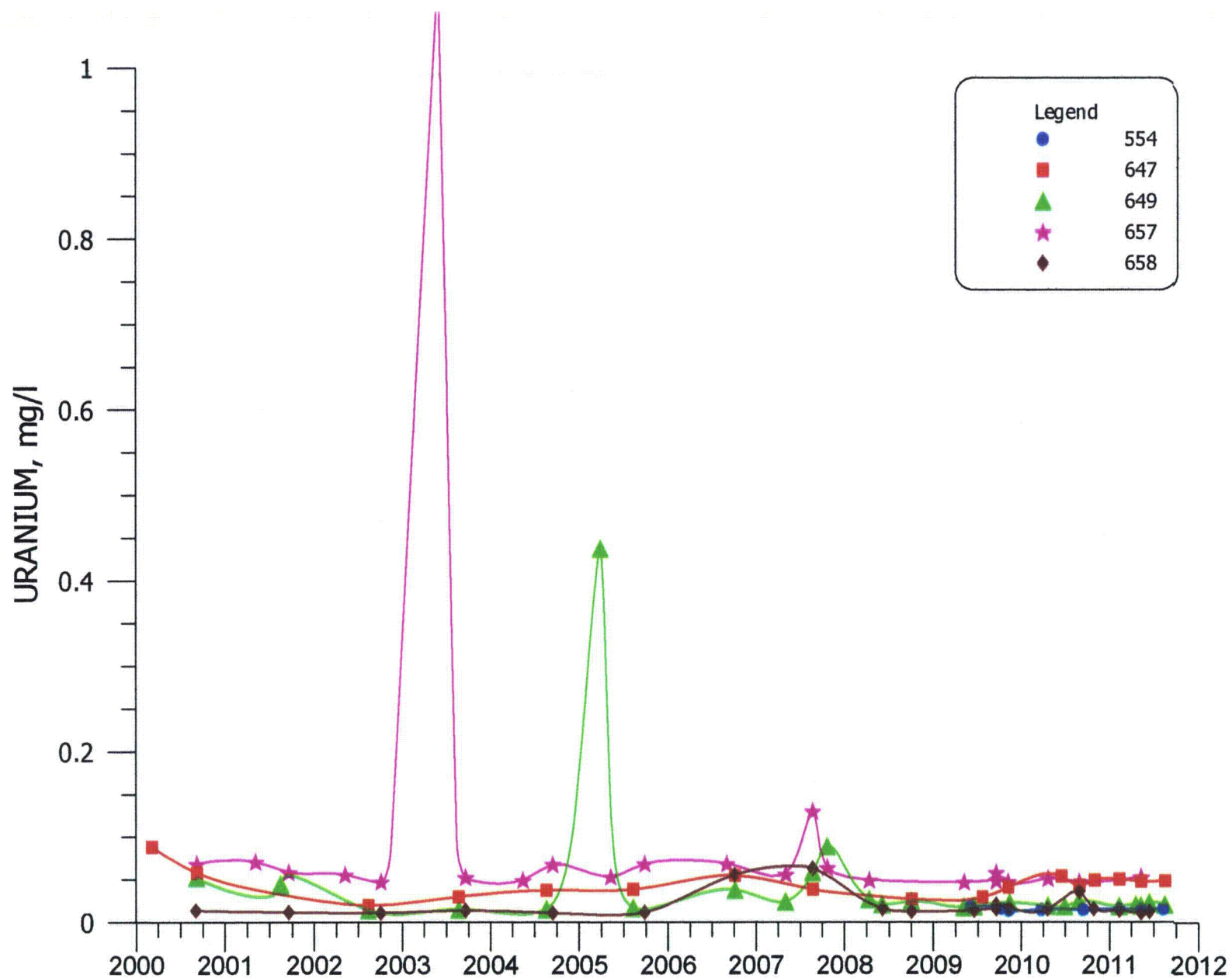
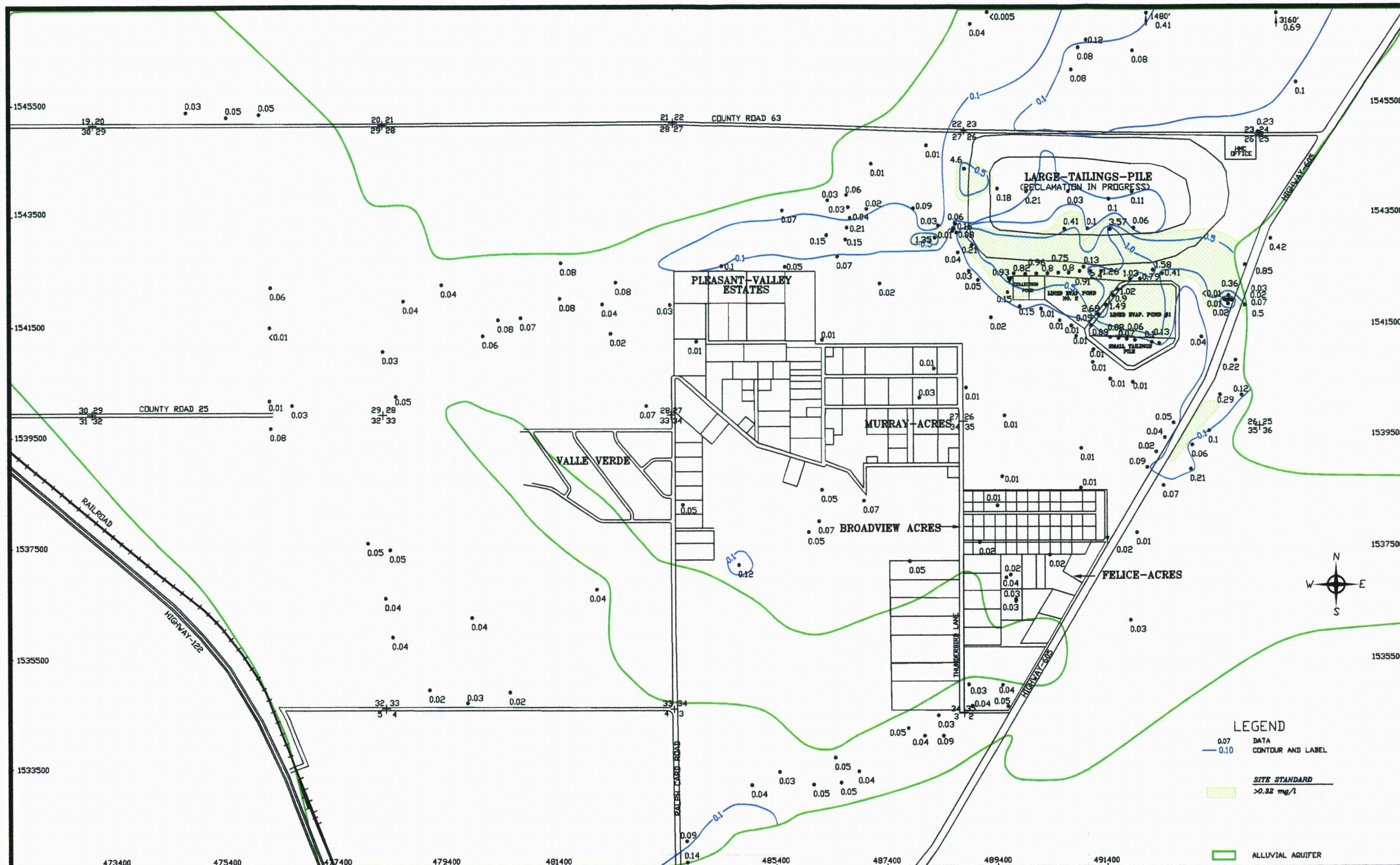


FIGURE 4.3-69. URANIUM CONCENTRATIONS FOR WELLS 554, 647, 649, 657 AND 658.



SCALE: 1"=1000'
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FIGURE 4.3-70. SELENIUM CONCENTRATIONS
 OF THE ALLUVIAL AQUIFER, 2011 mg/l

4.3-92

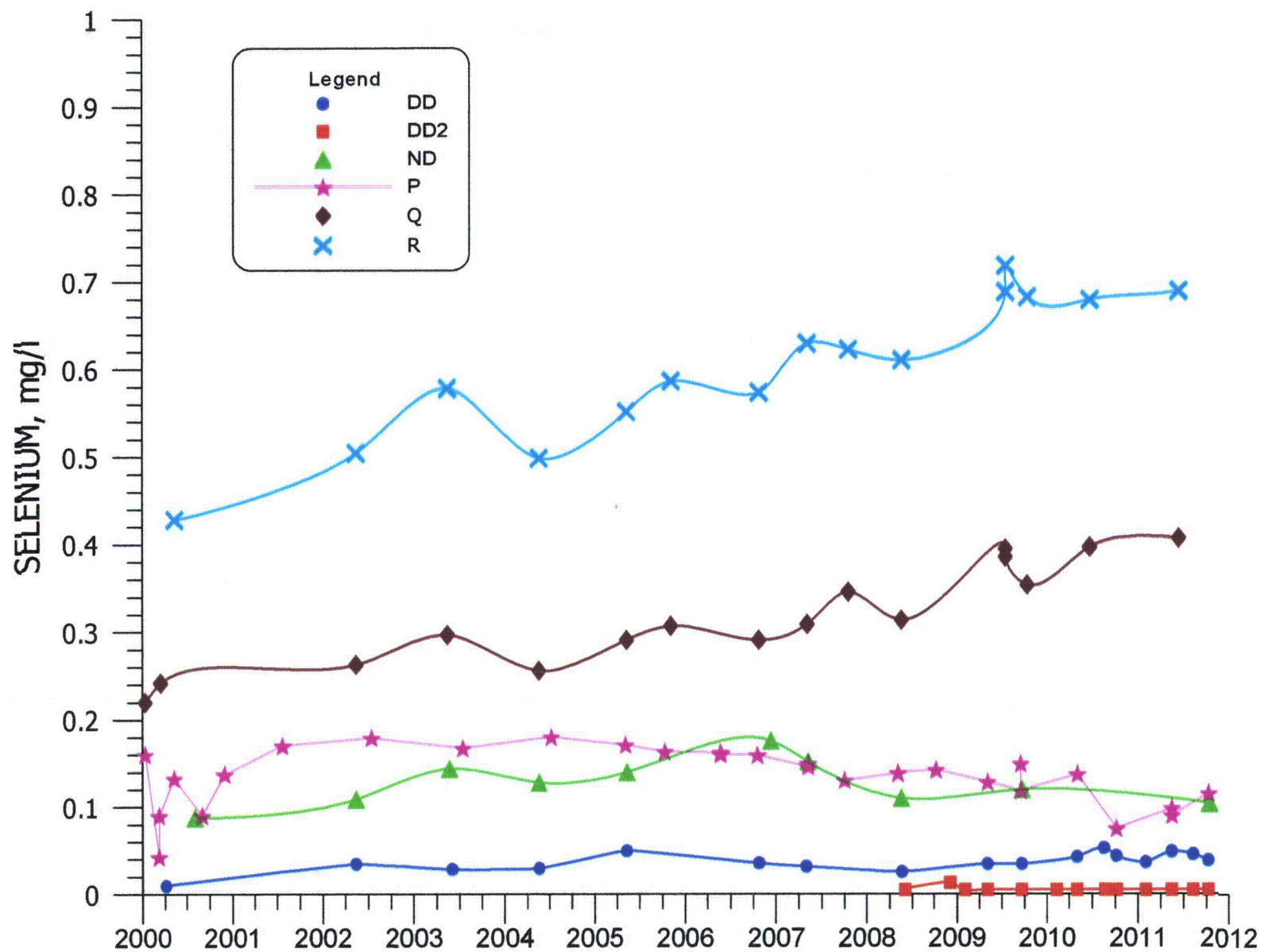


FIGURE 4.3-71. SELENIUM CONCENTRATIONS FOR WELLS DD, DD2, ND, P, Q, AND R.

4.3-93

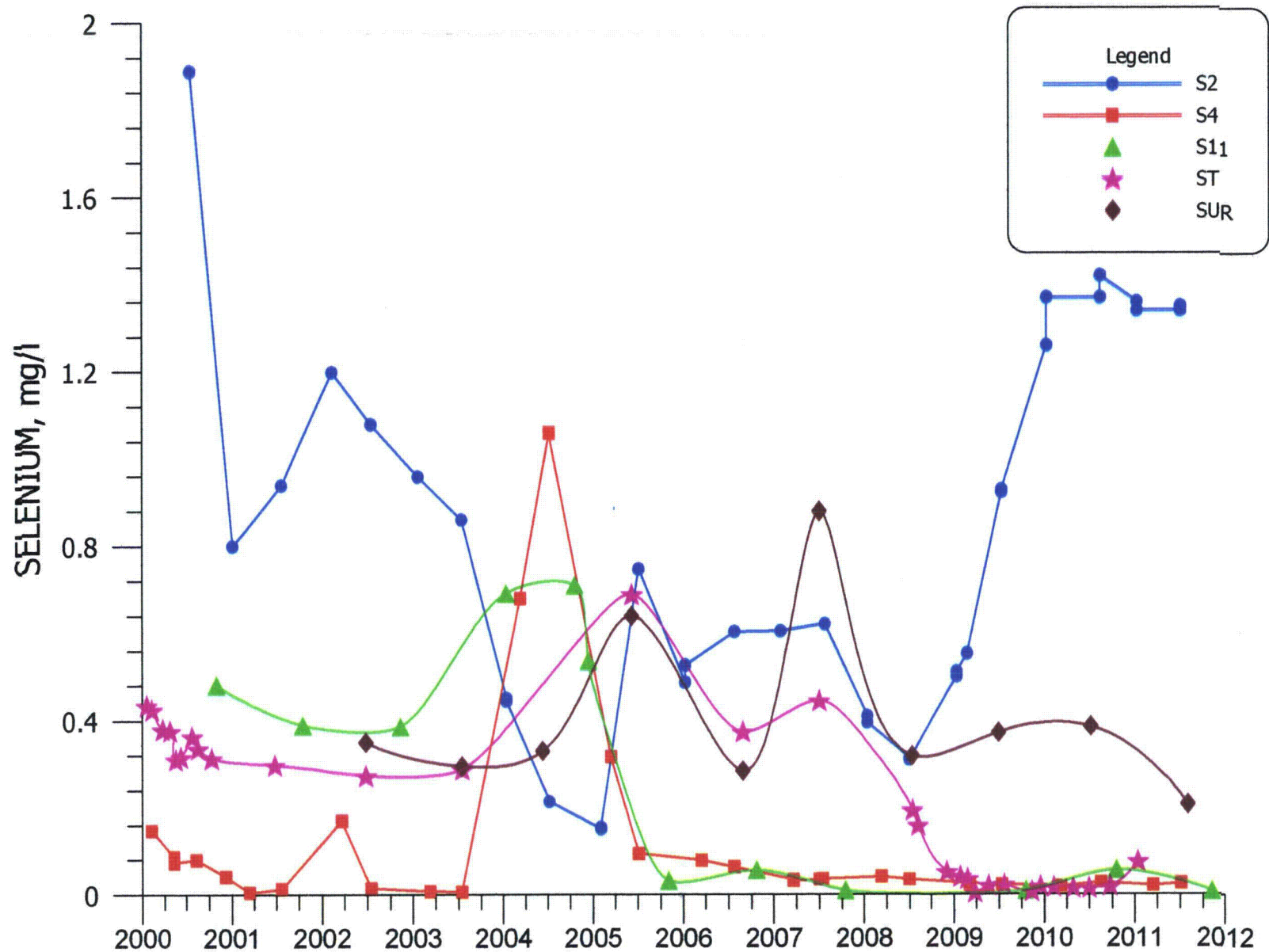


FIGURE 4.3-72. SELENIUM CONCENTRATIONS FOR WELLS S2, S4, S11, ST AND SUR.

4.3-94

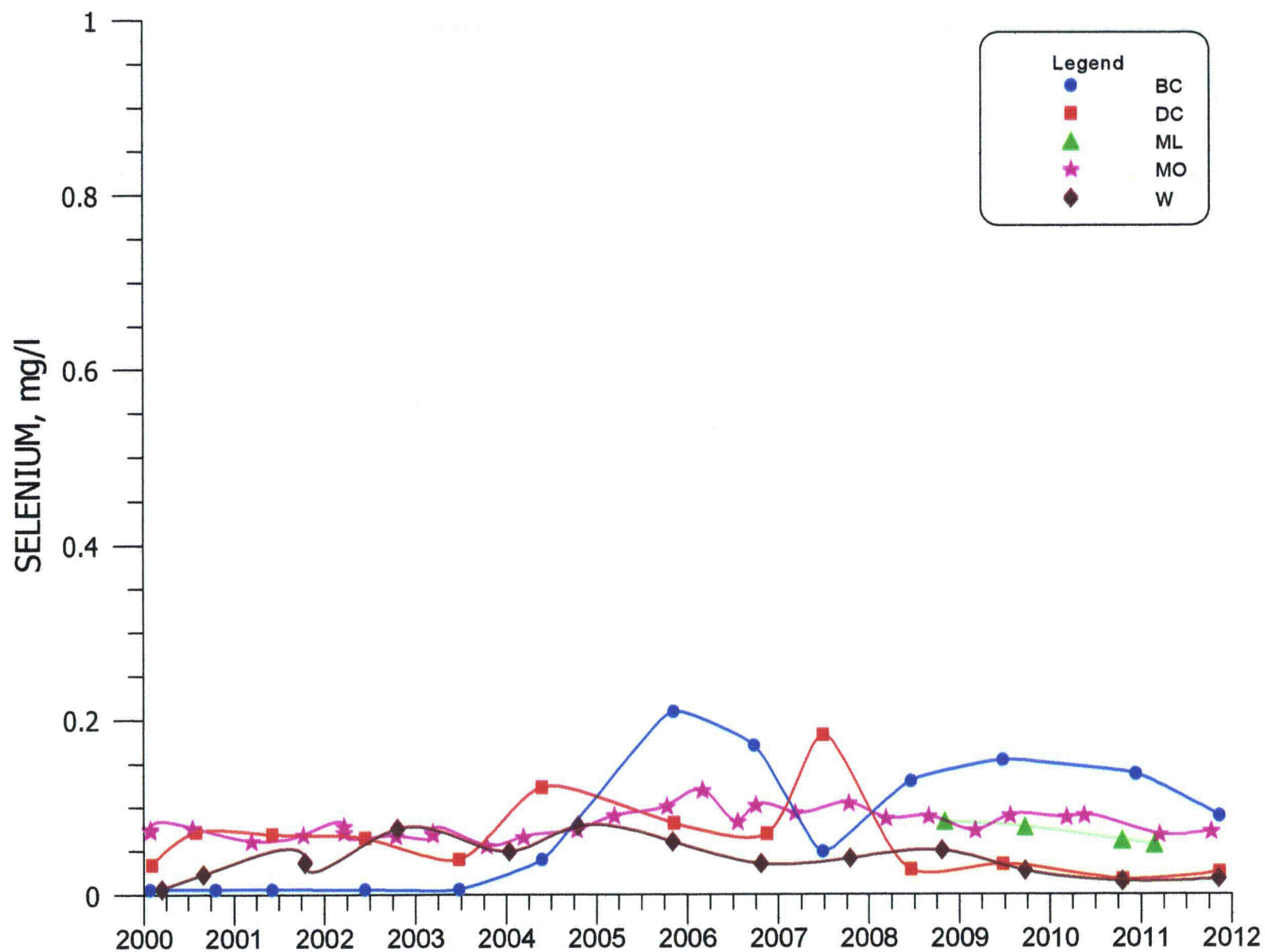


FIGURE 4.3-73. SELENIUM CONCENTRATIONS FOR WELLS BC, DC, ML, MO AND W.

4.3-95

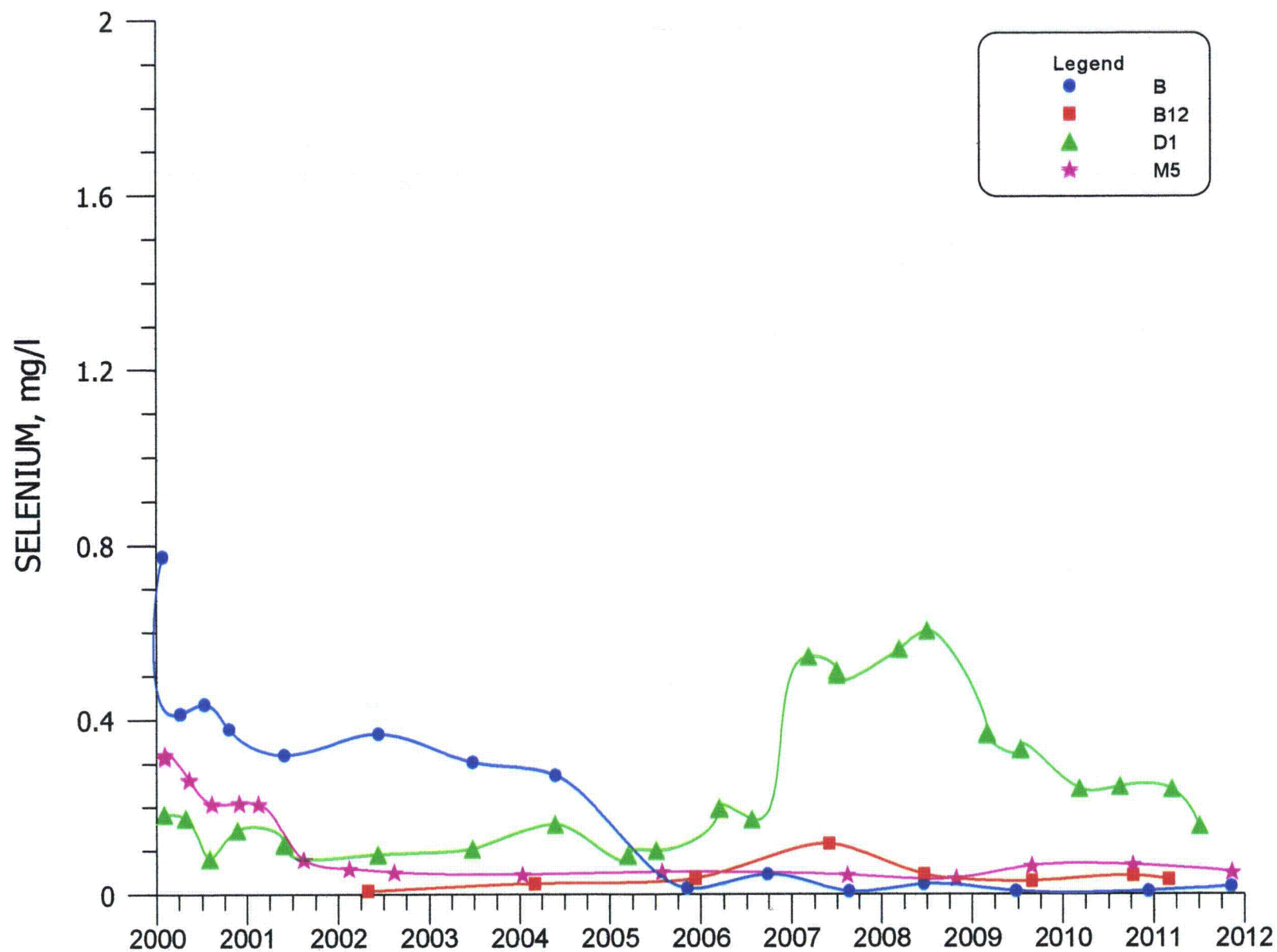


FIGURE 4.3-74. SELENIUM CONCENTRATIONS FOR WELLS B, B12, D1 AND M5.

4.3-96

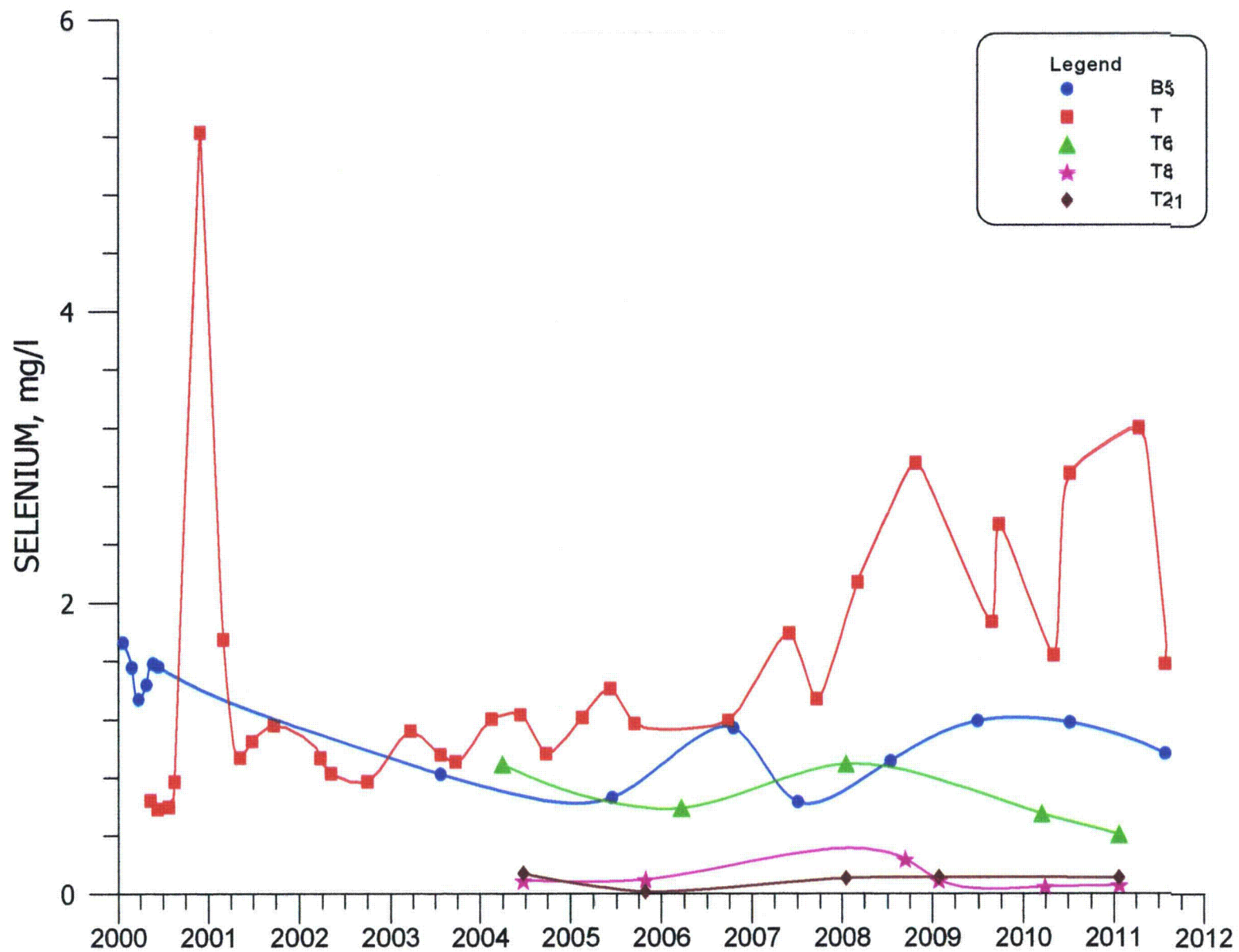


FIGURE 4.3-75. SELENIUM CONCENTRATIONS FOR WELLS B5, T, T6, T8, AND T21.

4.3-97

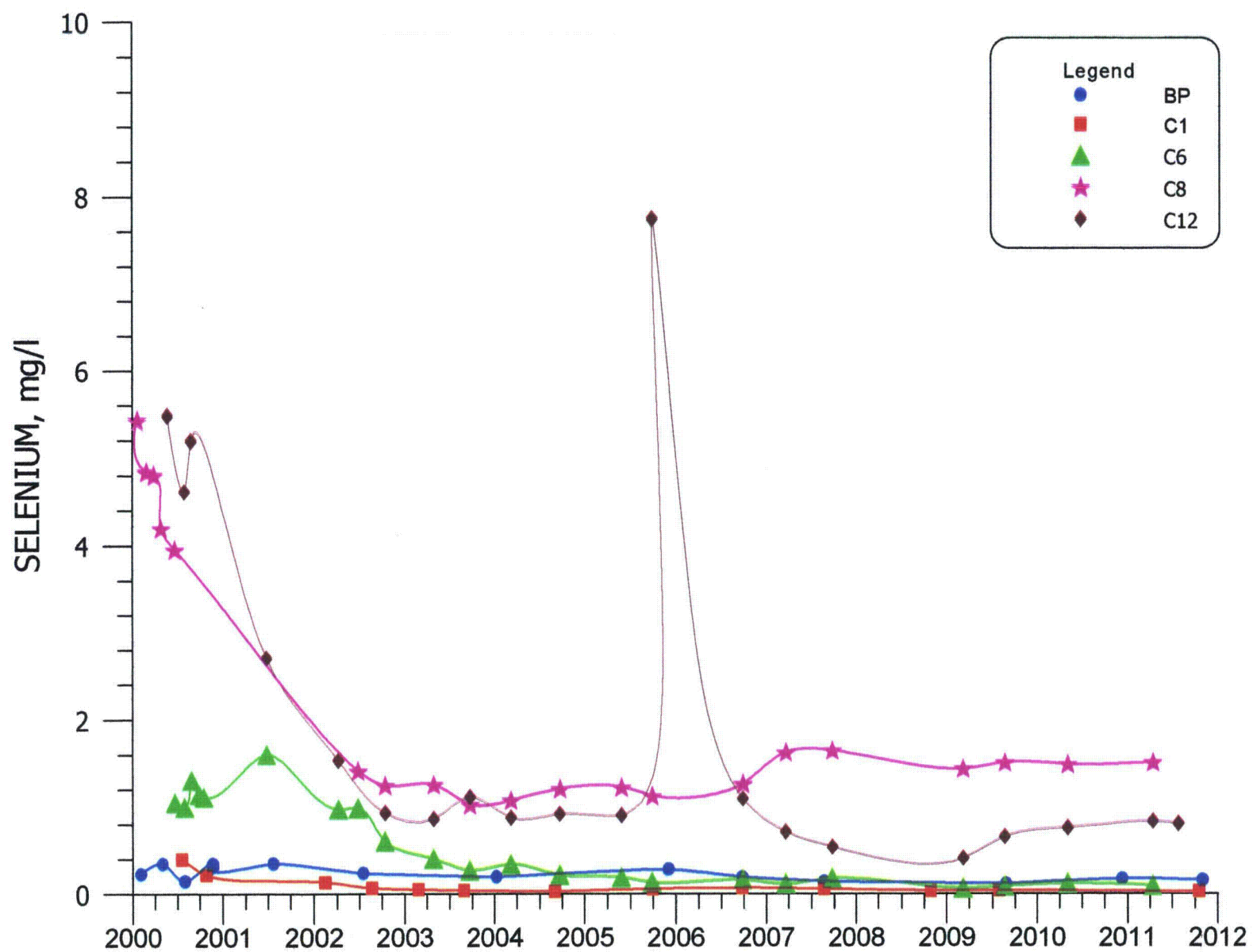


FIGURE 4.3-76. SELENIUM CONCENTRATIONS FOR WELLS BP, C1, C6, C8 AND C12.

4.3-98

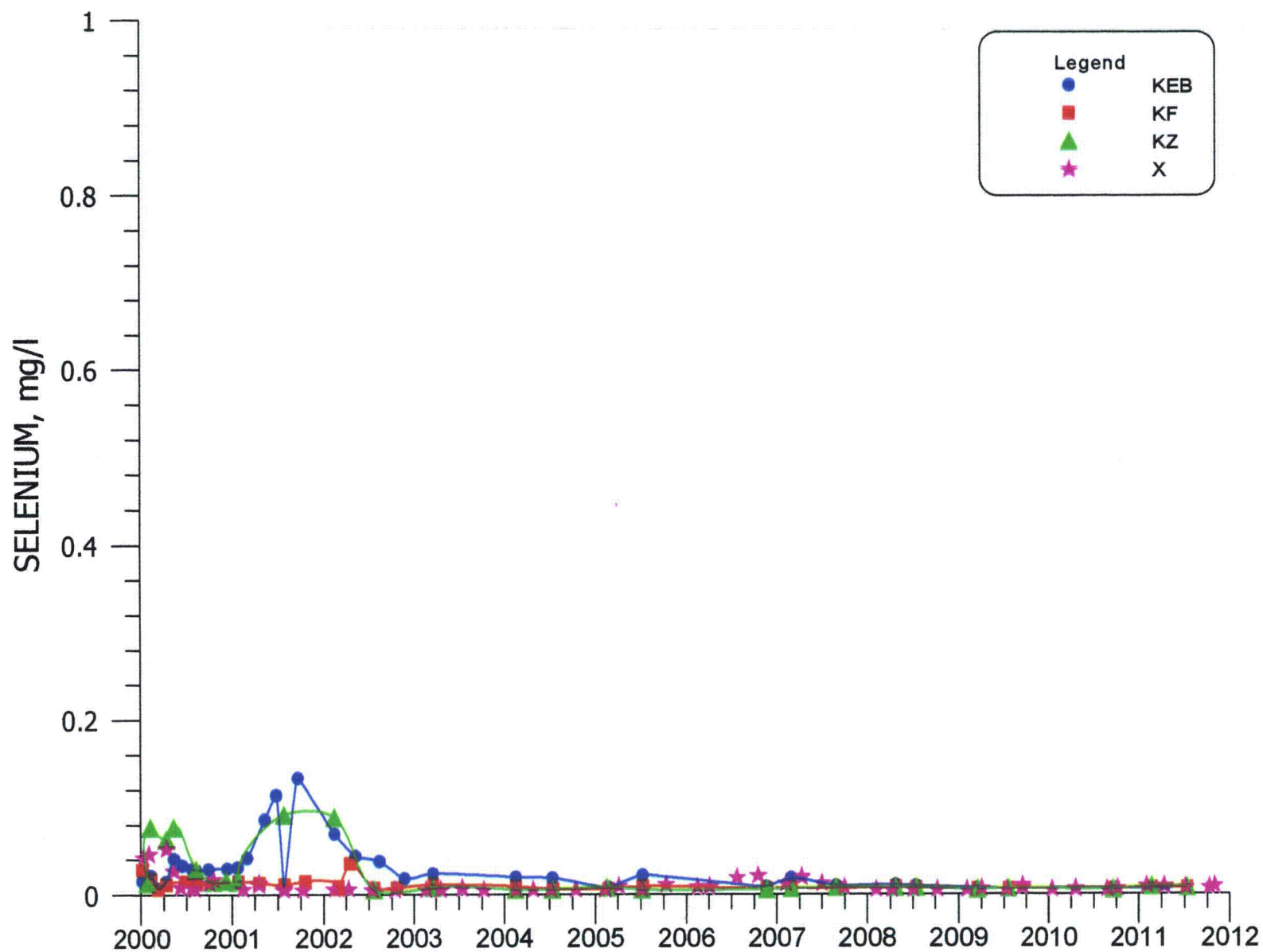


FIGURE 4.3-77. SELENIUM CONCENTRATIONS FOR WELLS KEB, KF, KZ AND X.

4.3-99

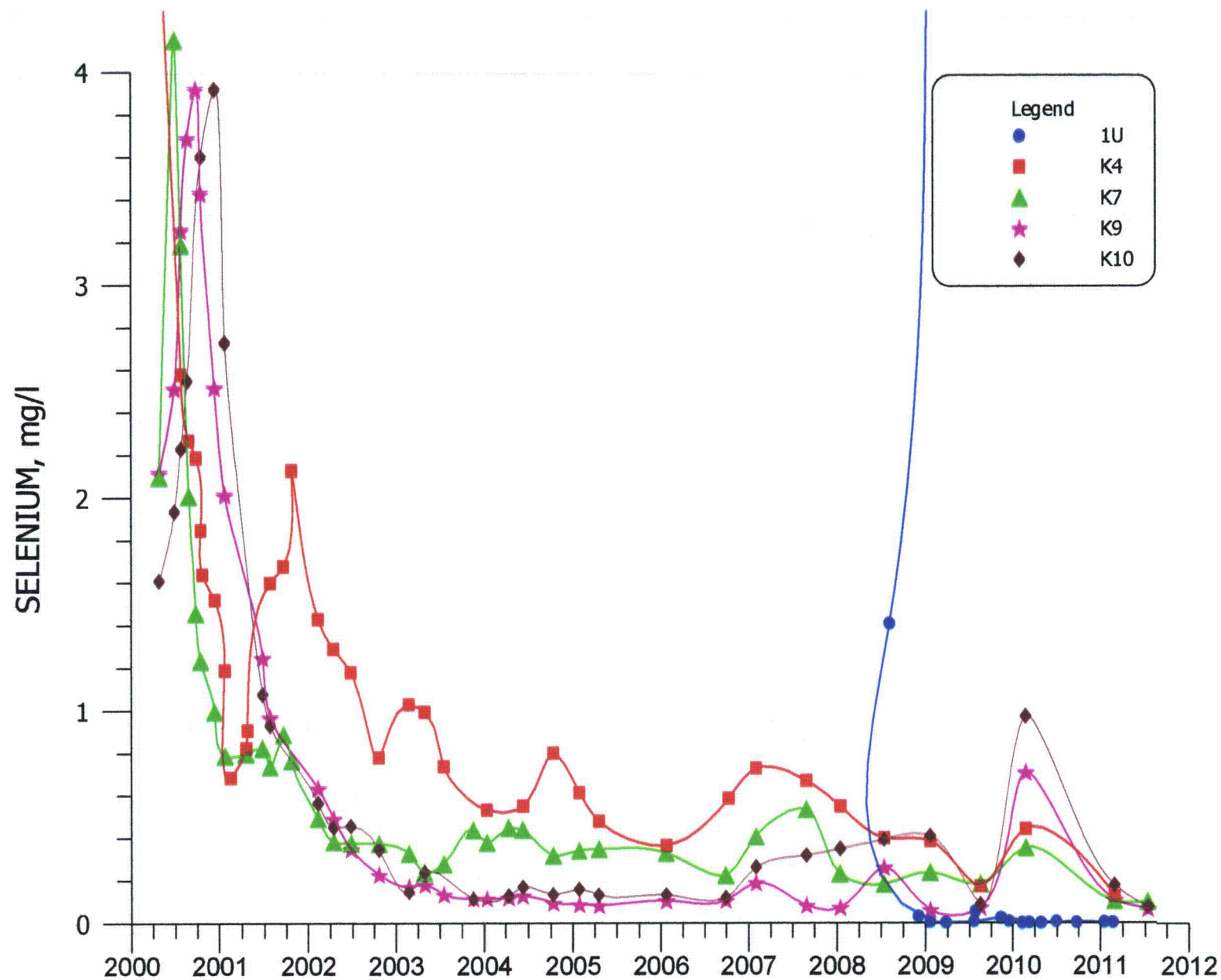


FIGURE 4.3-78. SELENIUM CONCENTRATIONS FOR WELLS 1U, K4, K7, K9 AND K10.

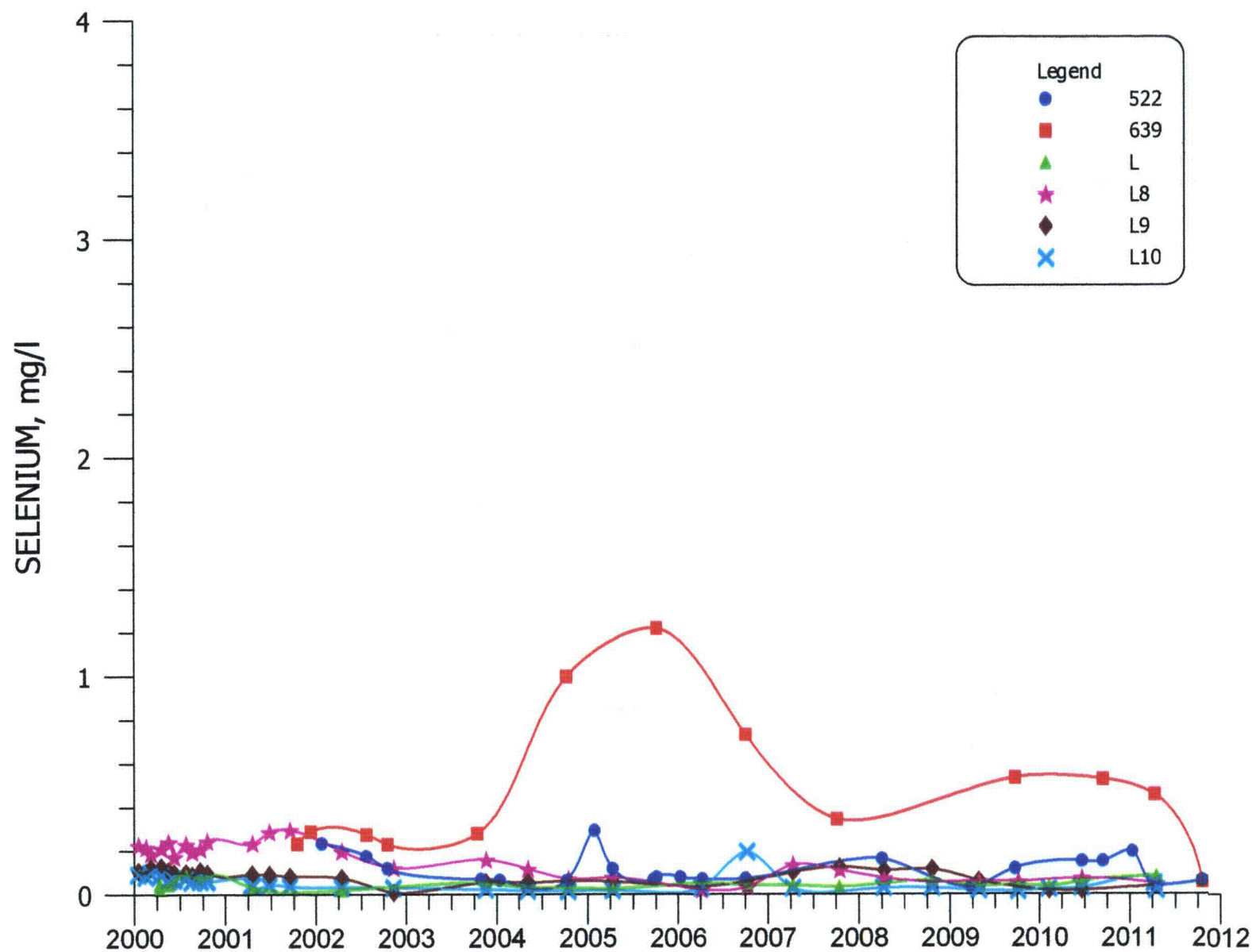
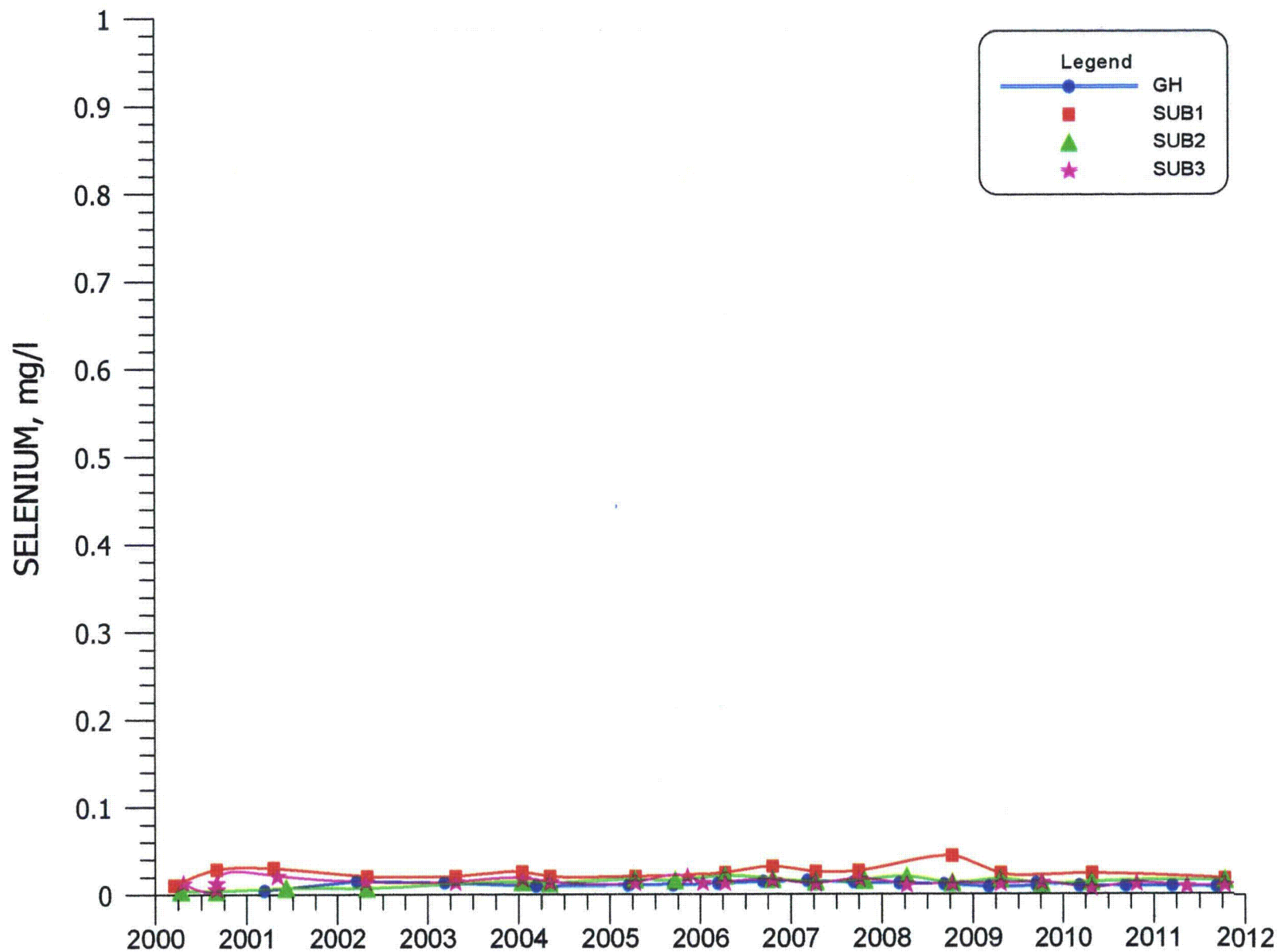


FIGURE 4.3-79. SELENIUM CONCENTRATIONS FOR WELLS 522, 639, L, L8, L9, AND L10.

4.3-101



**FIGURE 4.3-80. SELENIUM CONCENTRATIONS FOR WELLS
GH, SUB1, SUB2 AND SUB3.**

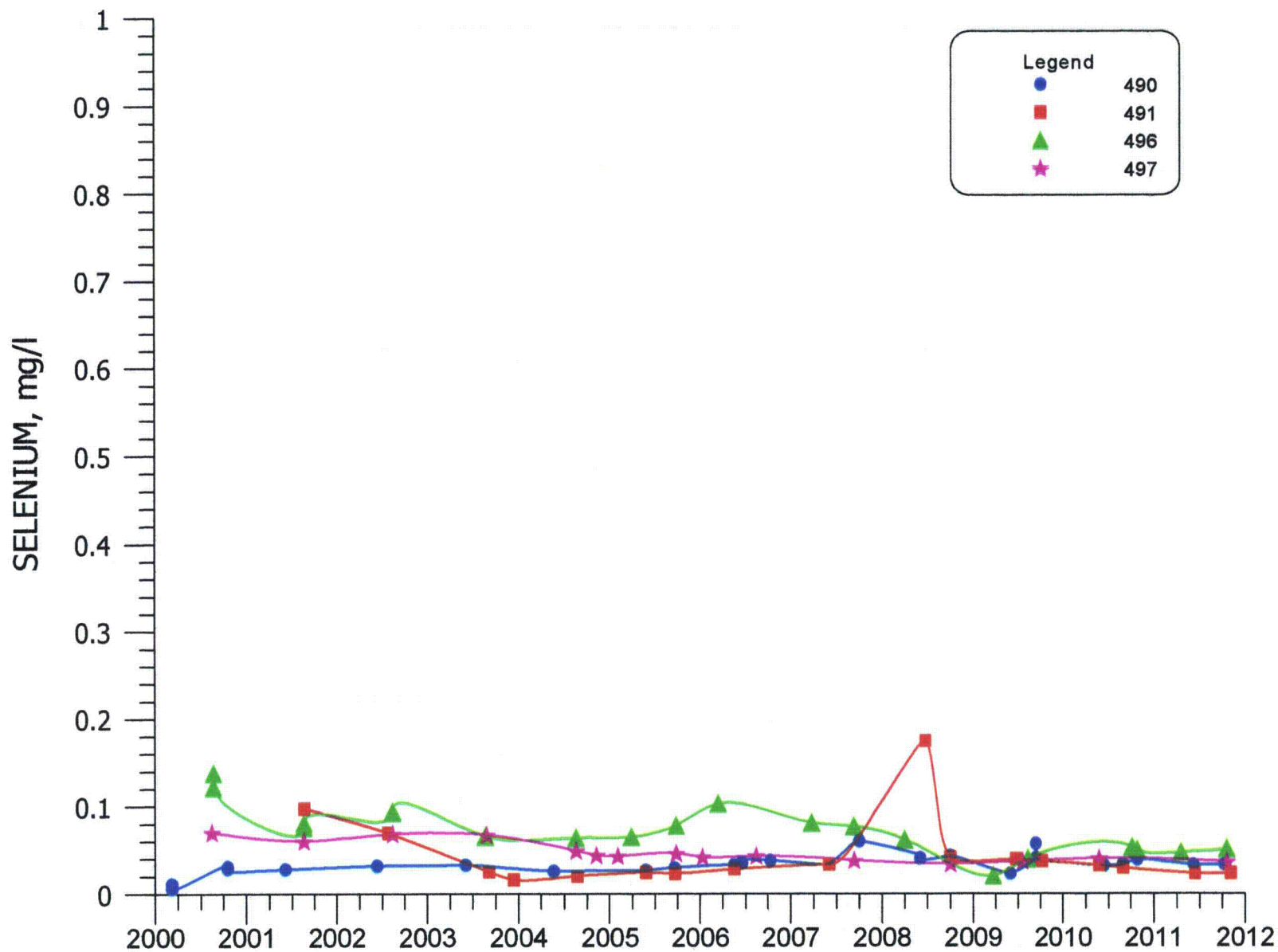


FIGURE 4.3-81. SELENIUM CONCENTRATIONS FOR WELLS 490, 491, 496, AND 497.

4.3-103

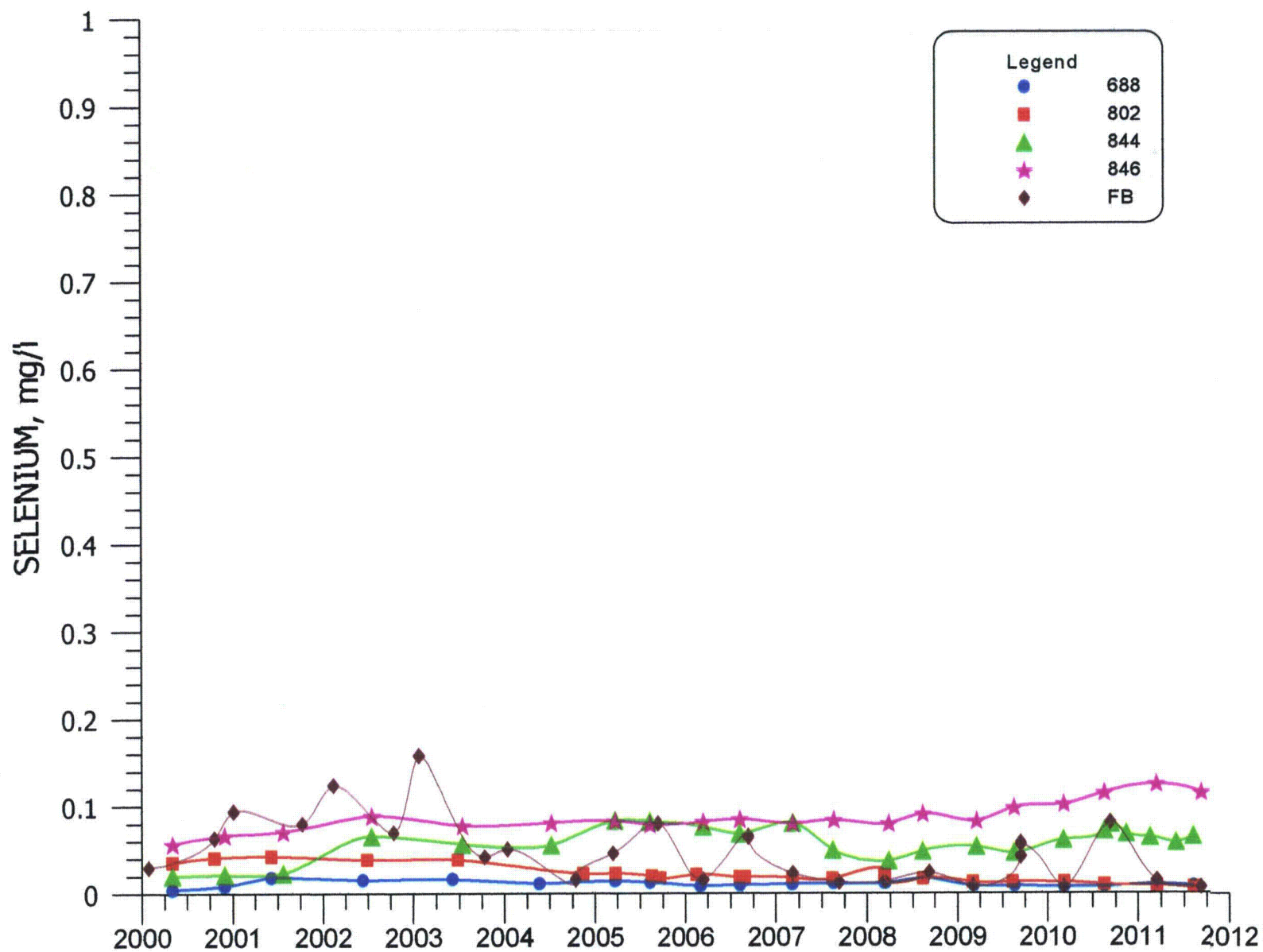


FIGURE 4.3-82. SELENIUM CONCENTRATIONS FOR WELLS 688, 802, 844, 846 AND FB.

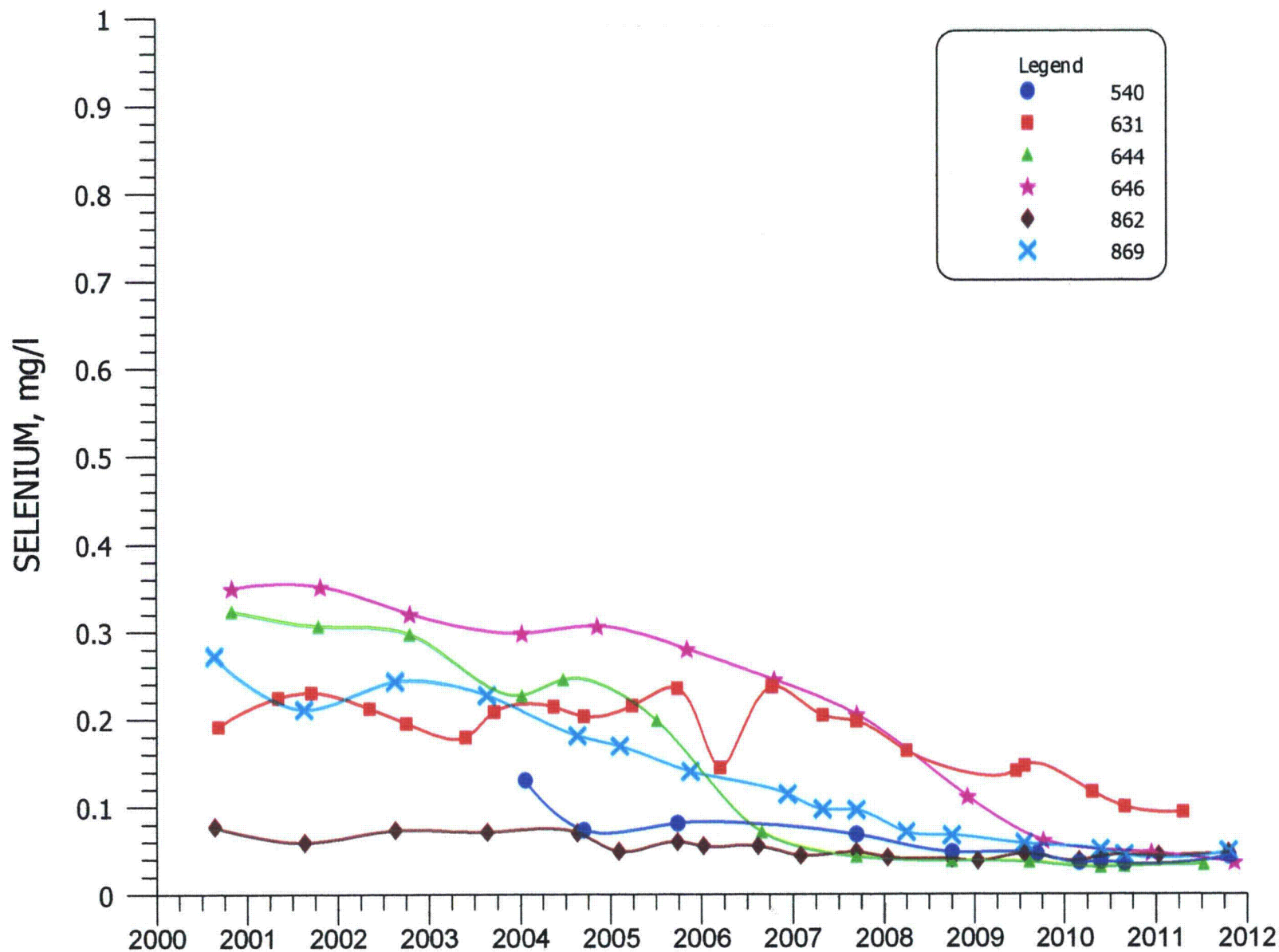


FIGURE 4.3-83. SELENIUM CONCENTRATIONS FOR WELLS 631, 644, 646, 862, 864 AND 869.

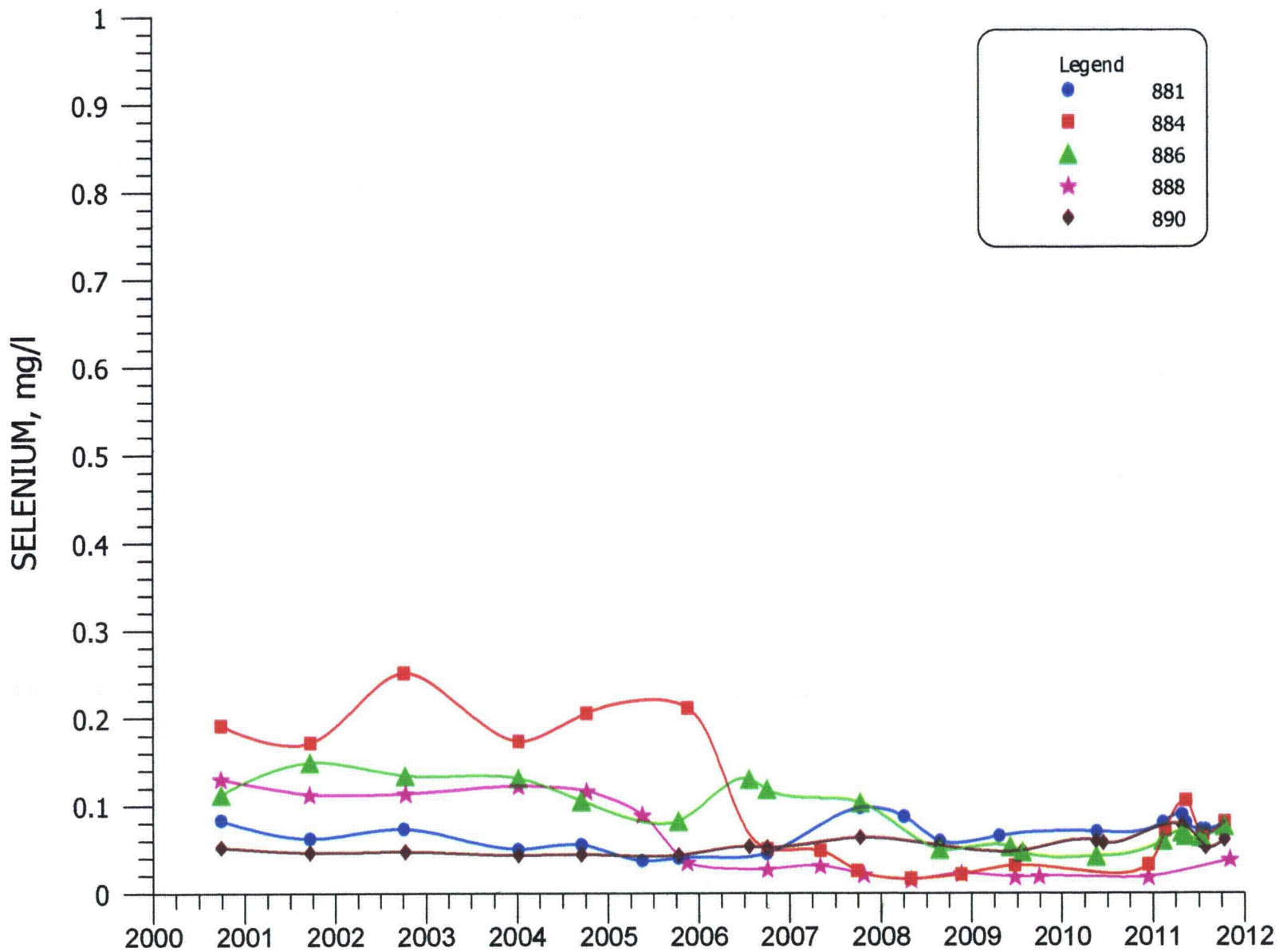


FIGURE 4.3-84. SELENIUM CONCENTRATIONS FOR WELLS 881, 884, 886, 888 AND 890.

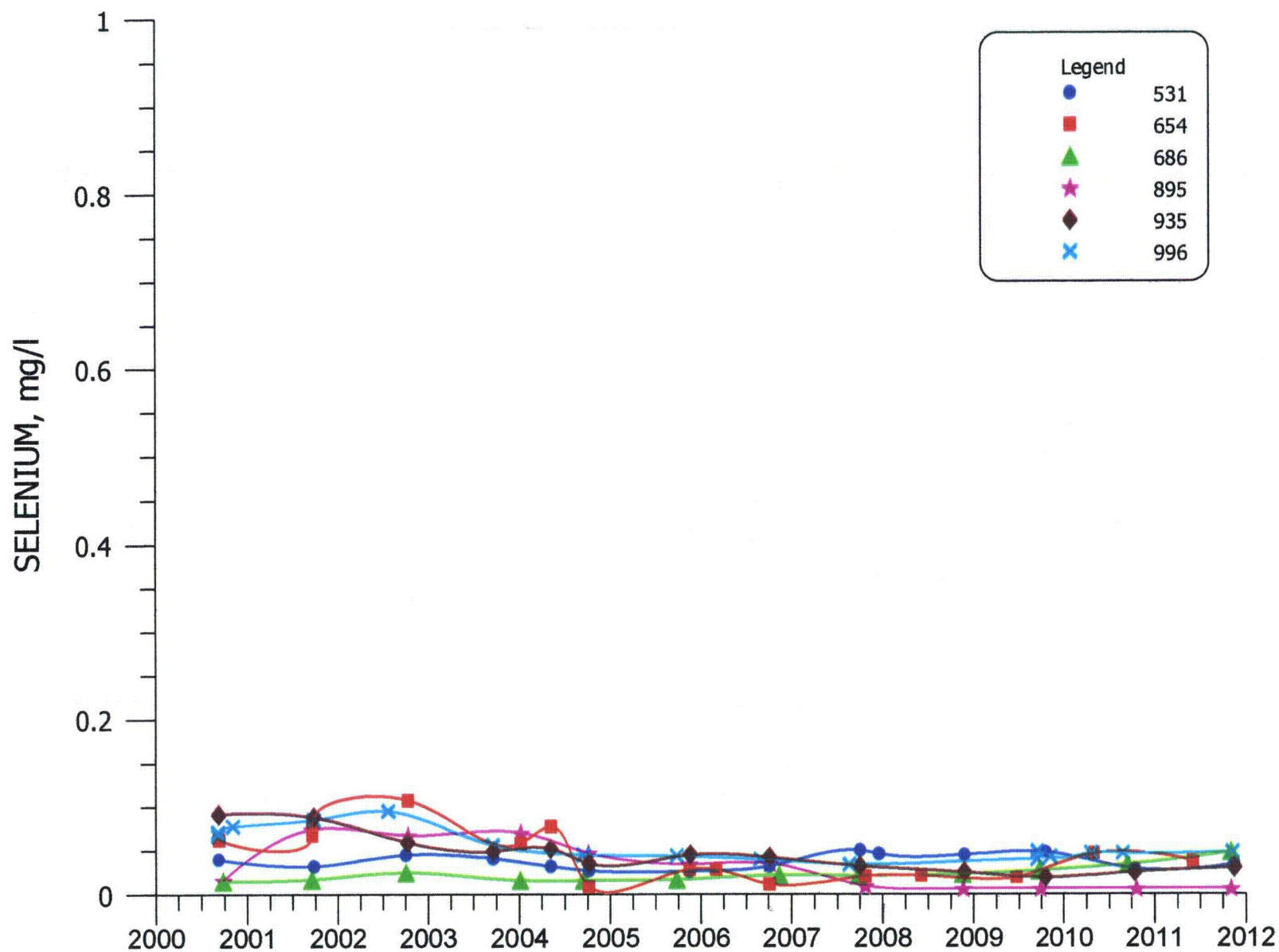


FIGURE 4.3-85. SELENIUM CONCENTRATIONS FOR WELLS 531, 654, 686, 895, 935 AND 996.

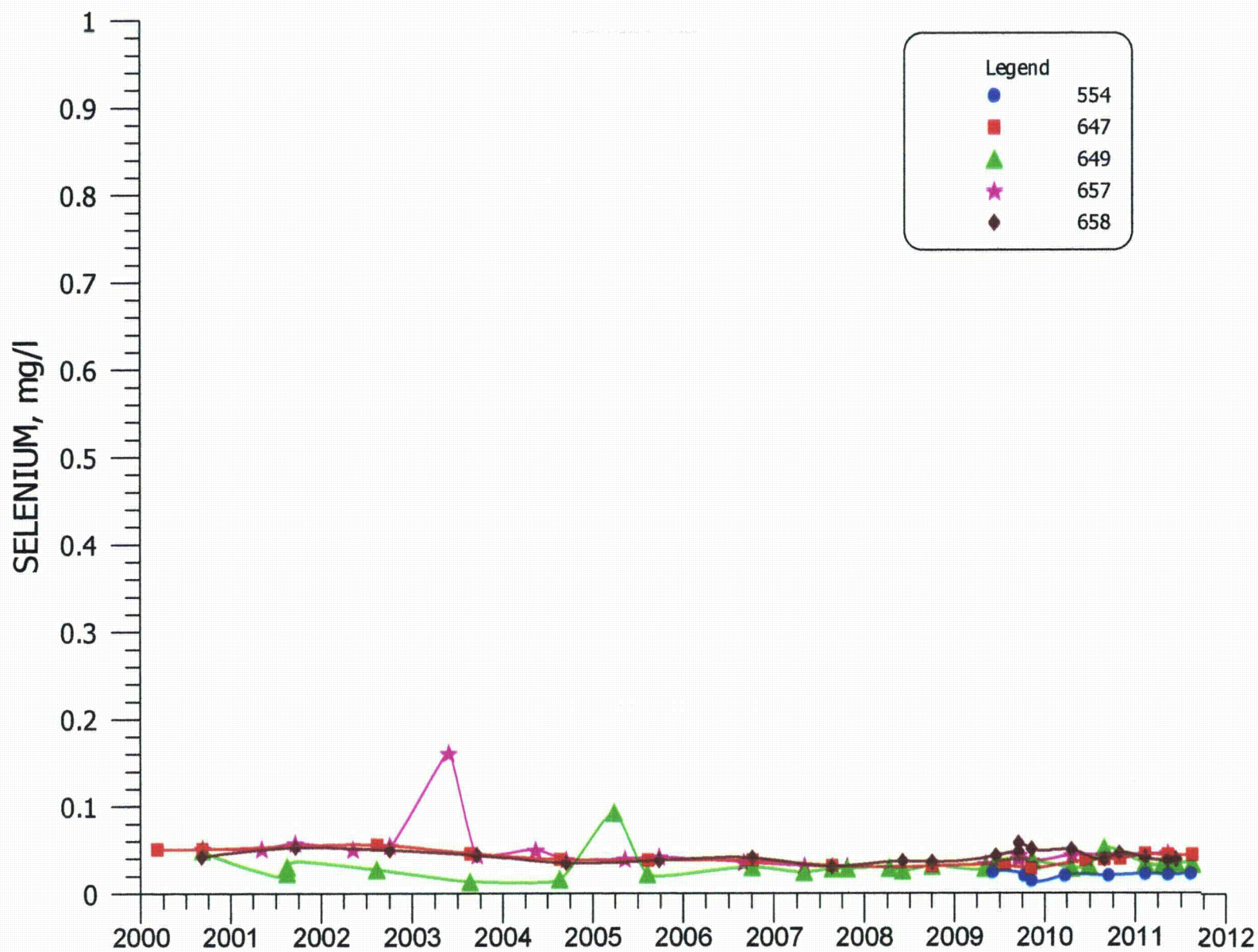
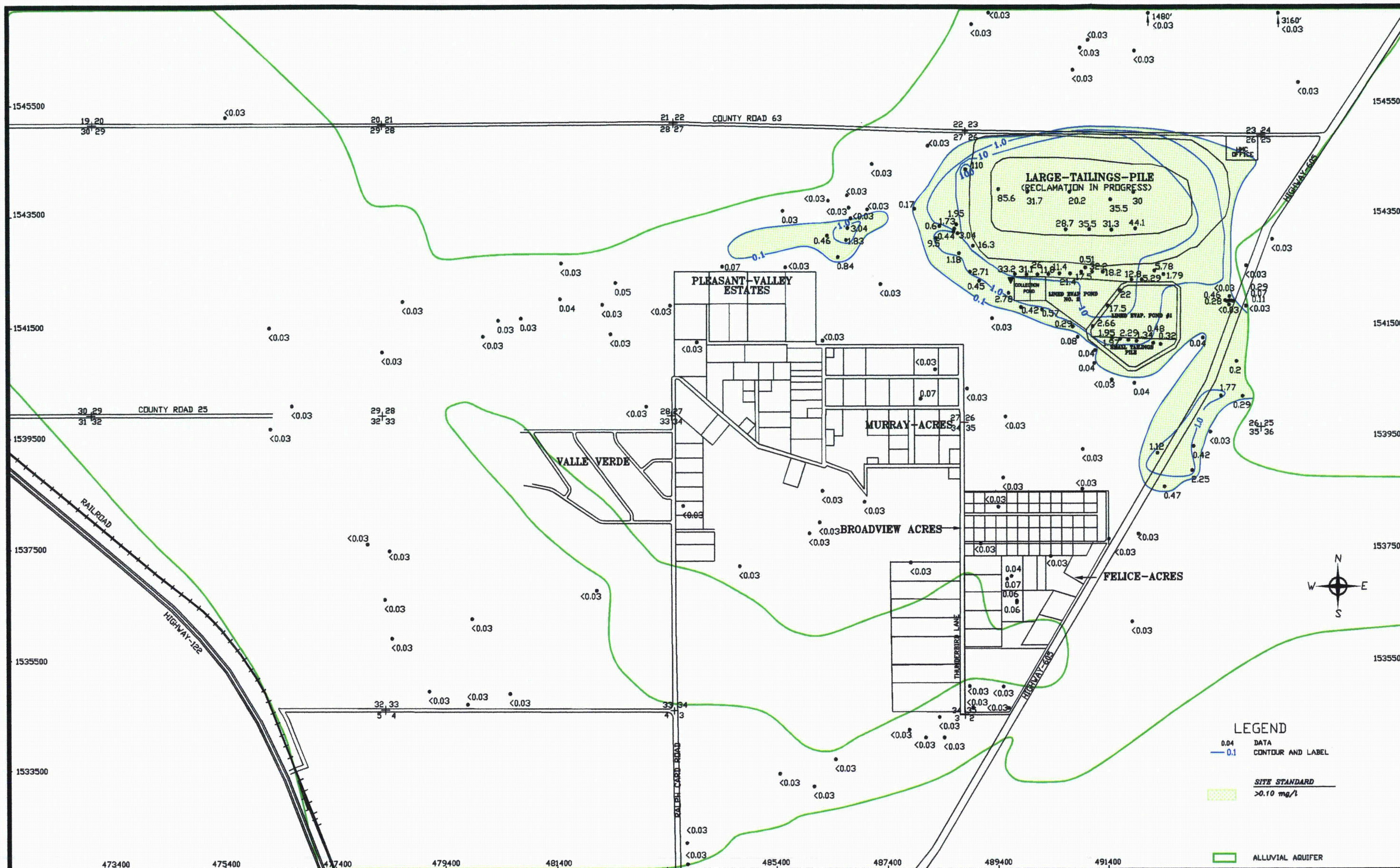


FIGURE 4.3-86. SELENIUM CONCENTRATIONS FOR WELLS 554, 647, 649, 657 AND 658.



4.3-109

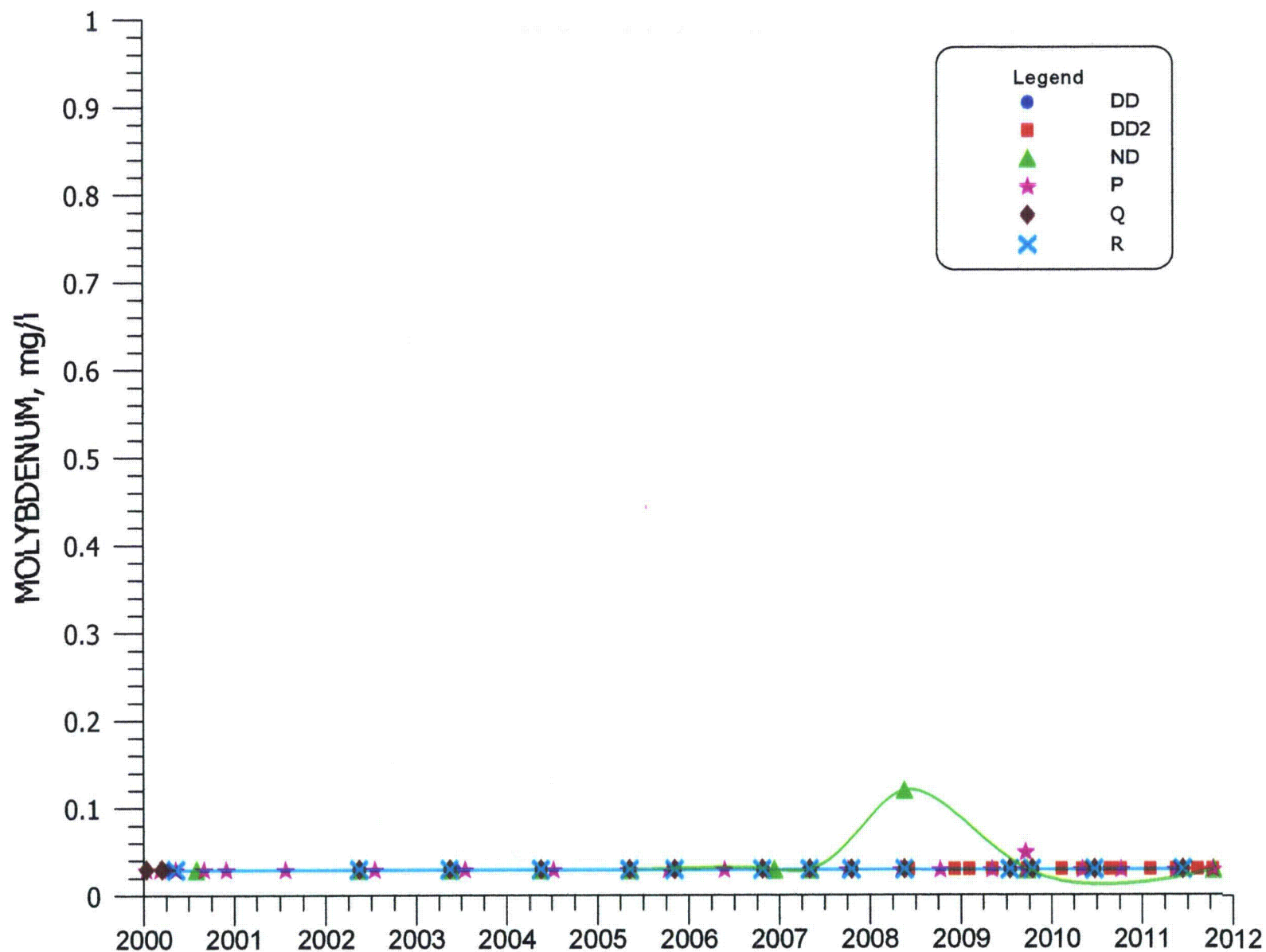


FIGURE 4.3-88. MOLYBDENUM CONCENTRATIONS FOR WELLS DD, DD2, ND, P, Q AND R.

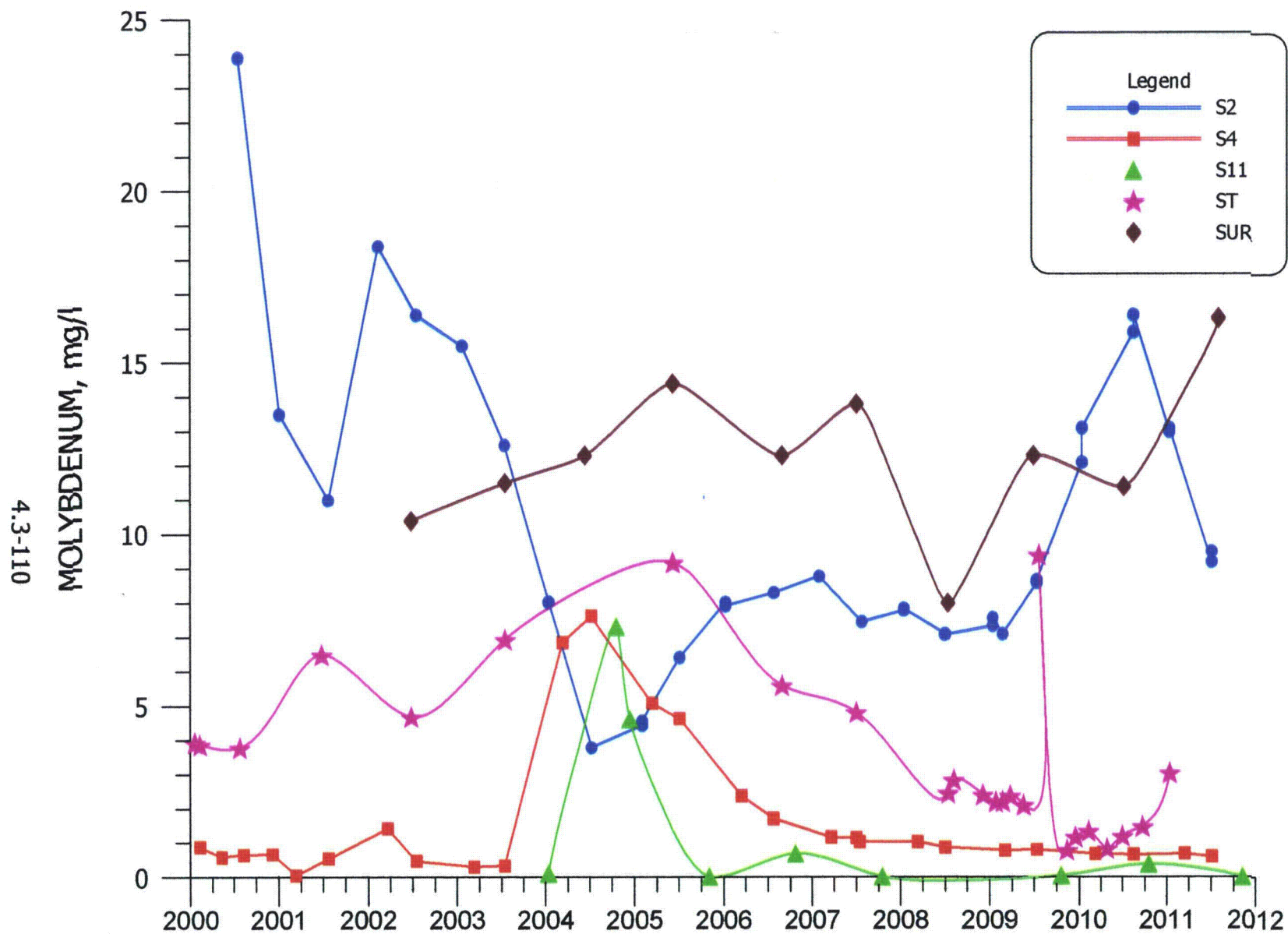


FIGURE 4.3-89. MOLYBDENUM CONCENTRATIONS FOR WELLS S2, S4, S11, ST AND SUR.

4.3-111

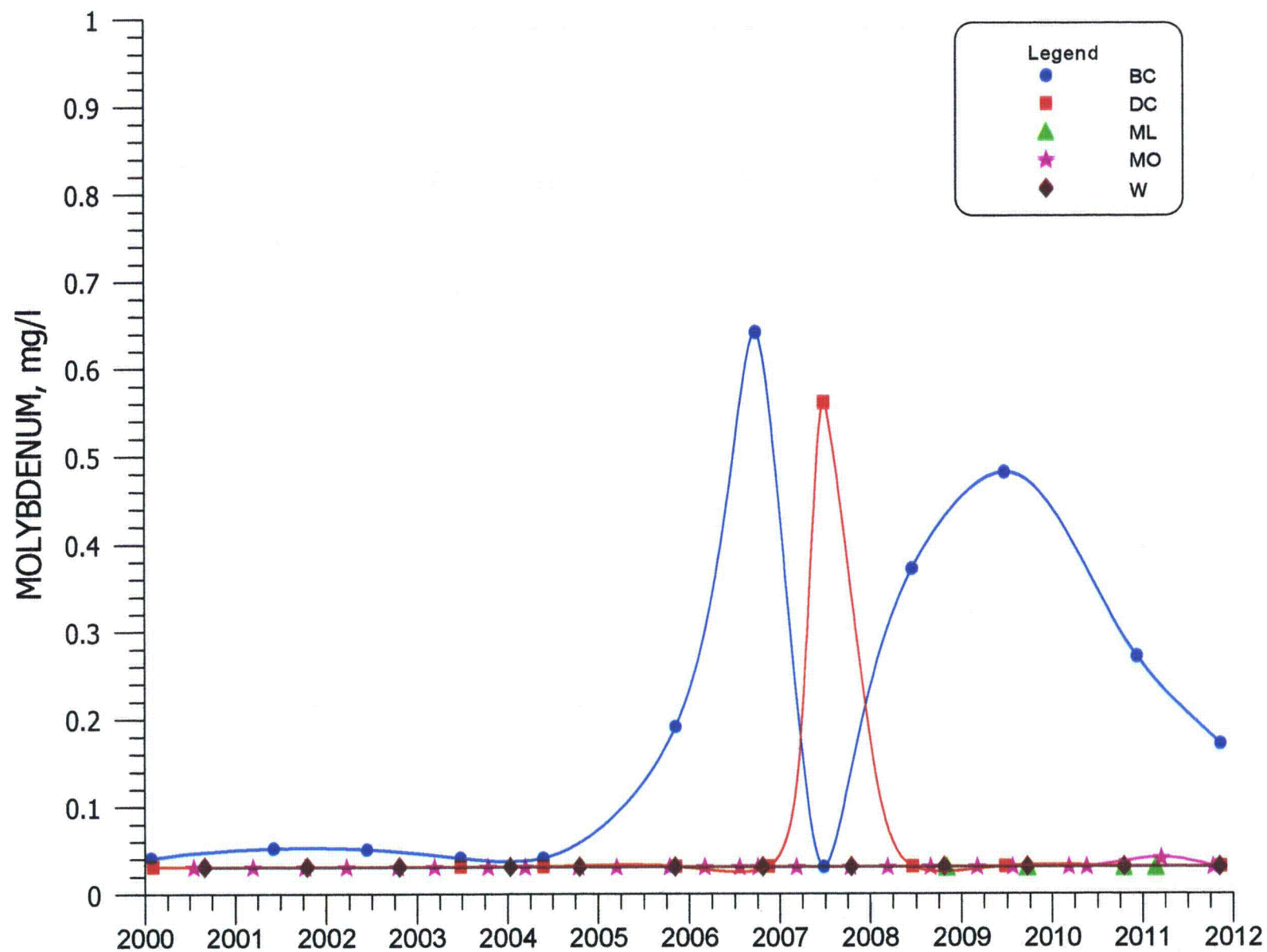


FIGURE 4.3-90. MOLYBDENUM CONCENTRATIONS FOR WELLS BC, DC, ML, MO, AND W.

4.3-112

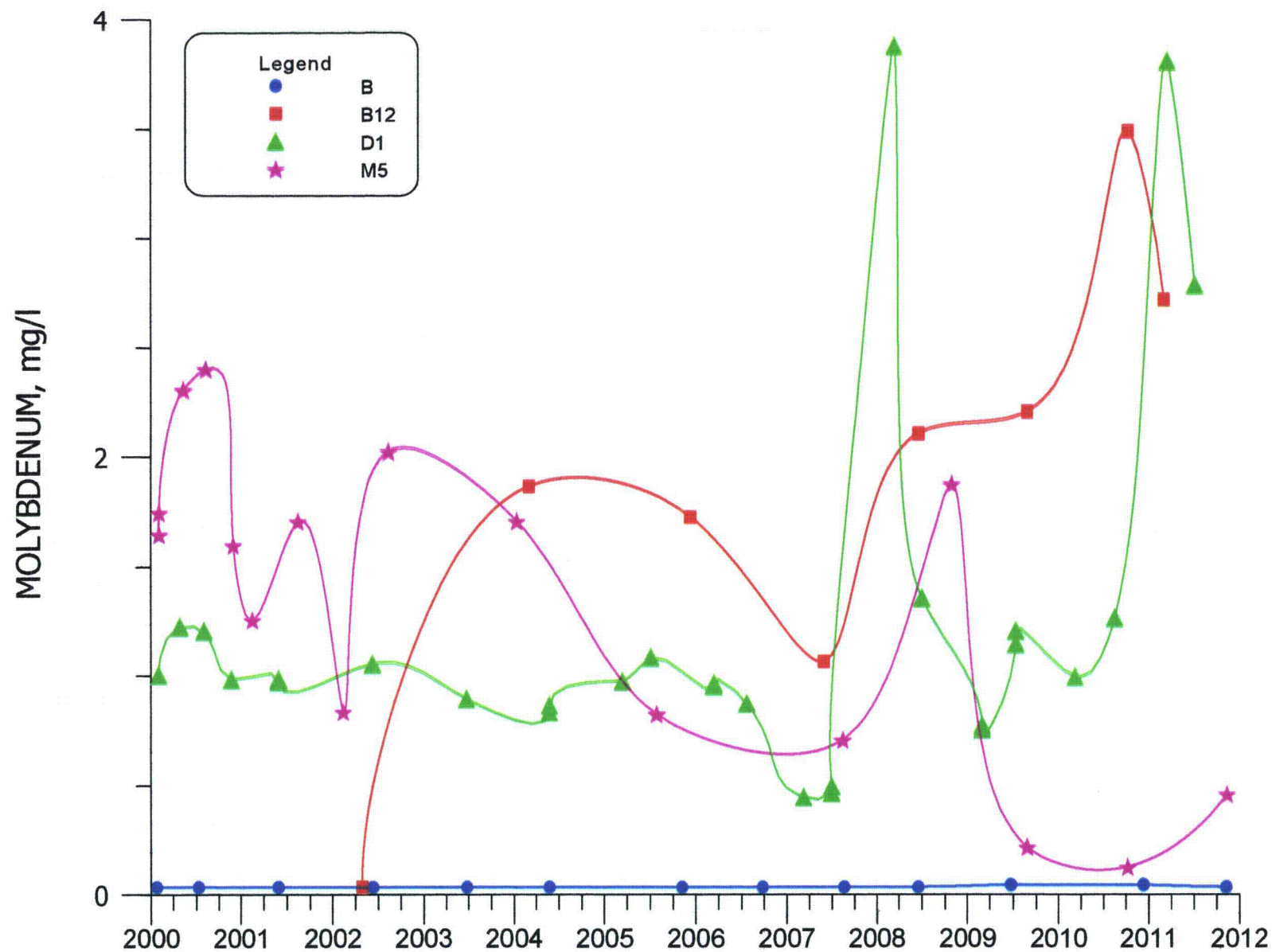


FIGURE 4.3-91. MOLYBDENUM CONCENTRATIONS FOR WELLS B, B12, D1 AND M5.

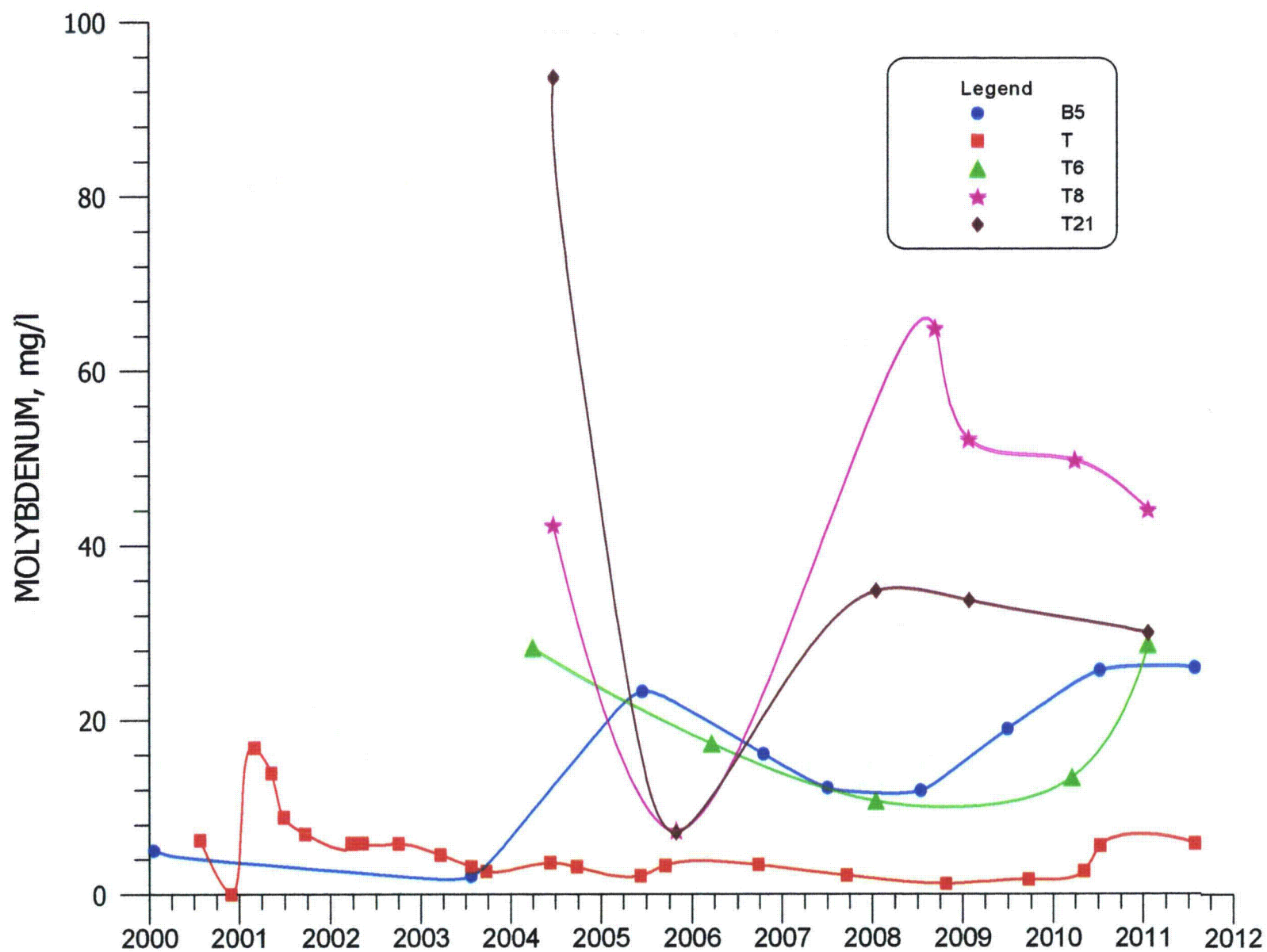


FIGURE 4.3-92. MOLYBDENUM CONCENTRATIONS FOR WELLS B5, T, T6, T8 AND T21.

4.3-114

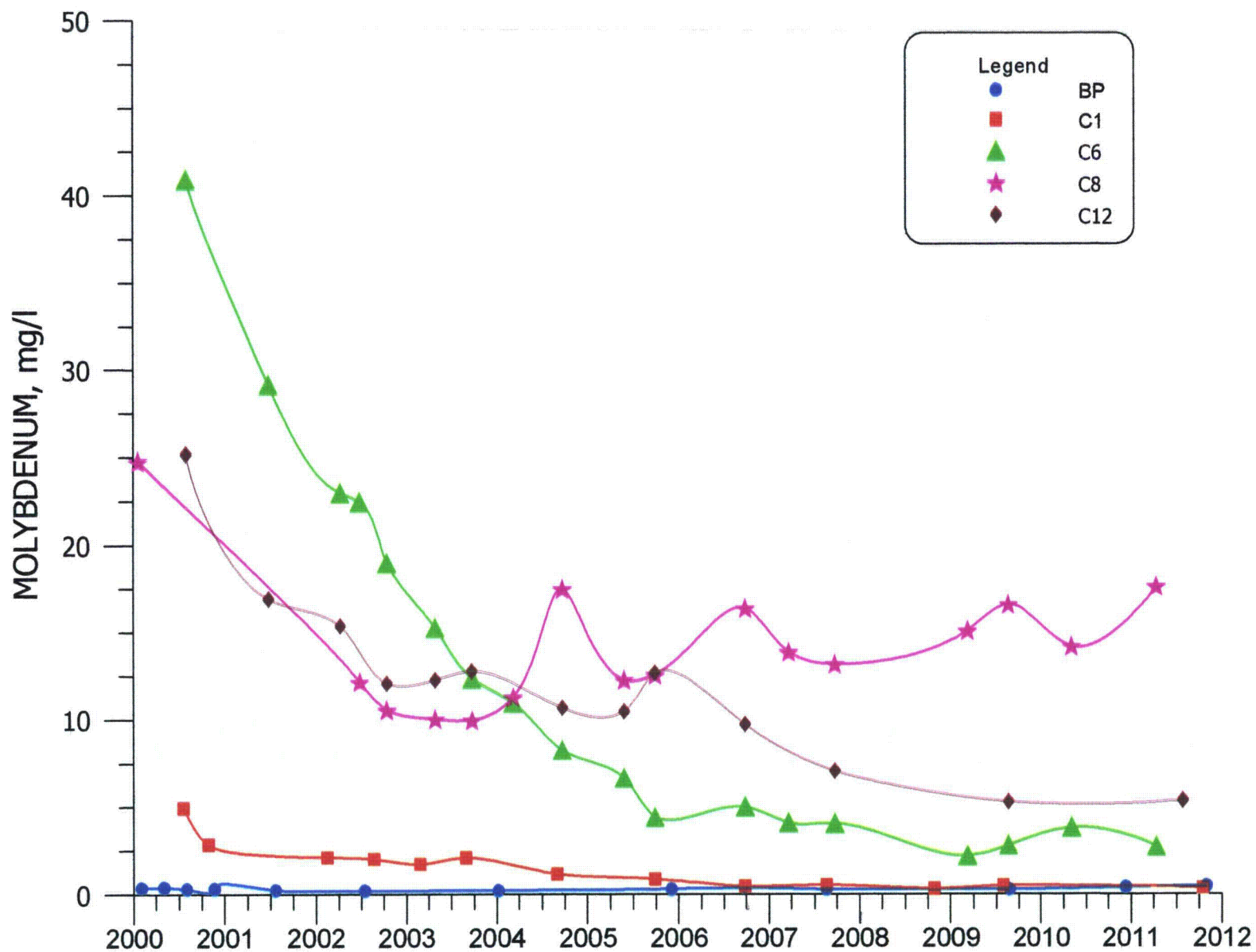


FIGURE 4.3-93. MOLYBDENUM CONCENTRATIONS FOR WELLS BP, C1, C6, C8 AND C12.

4.3-115

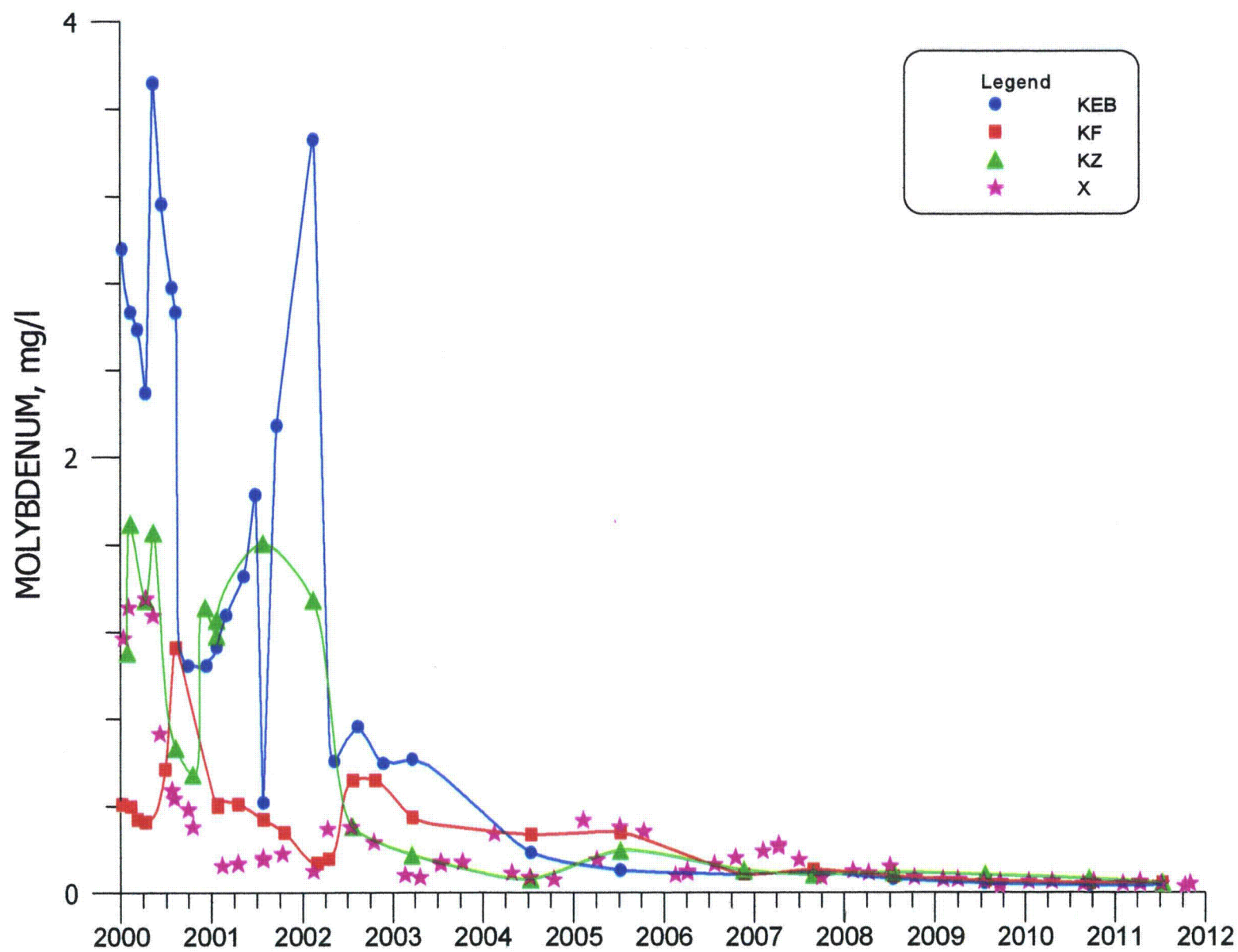


FIGURE 4.3-94. MOLYBDENUM CONCENTRATIONS FOR WELLS KEB, KF, KZ AND X.

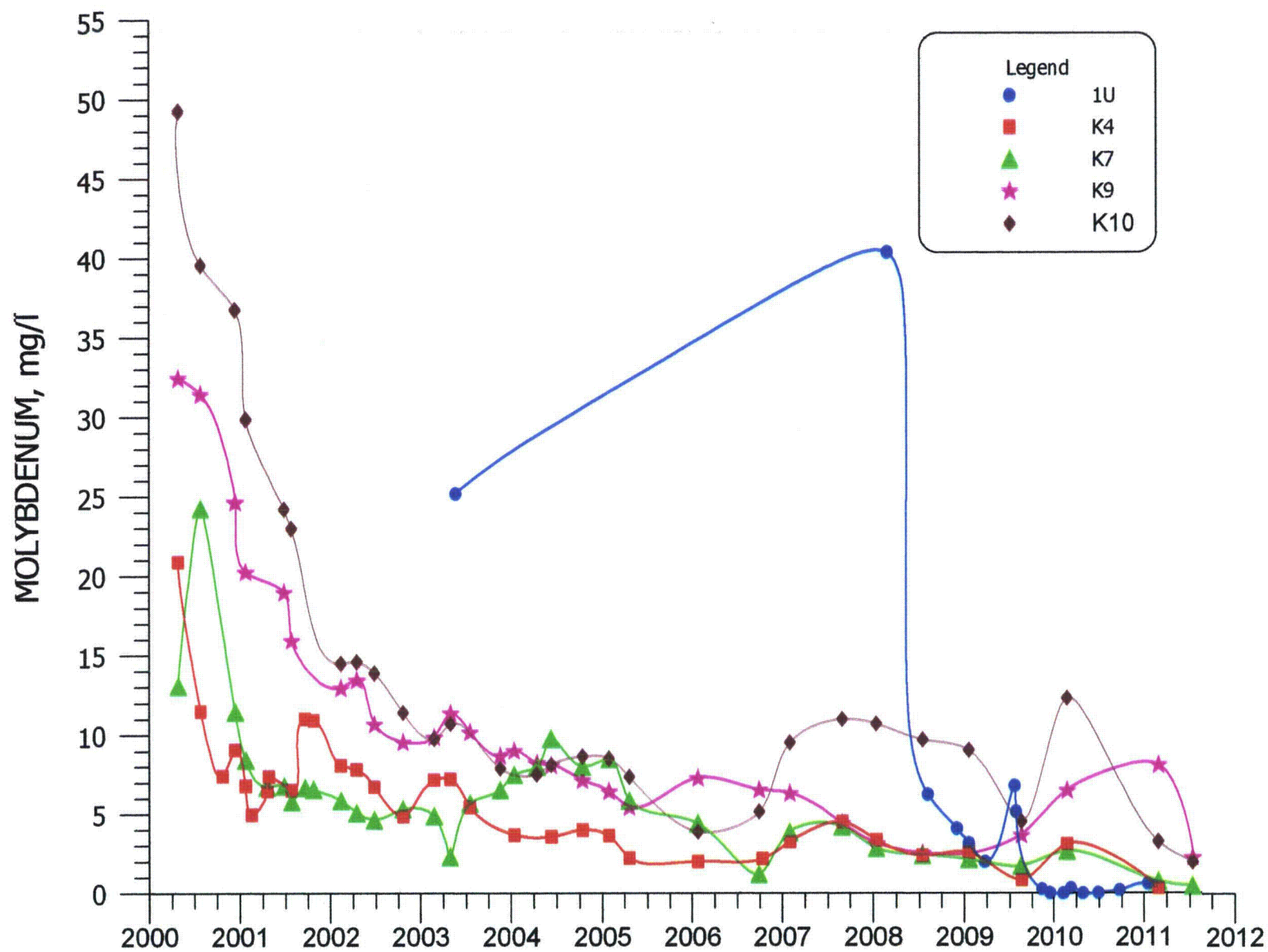


FIGURE 4.3-95. MOLYBDENUM CONCENTRATIONS FOR WELLS 1U, K4, K7, K9 AND K10.

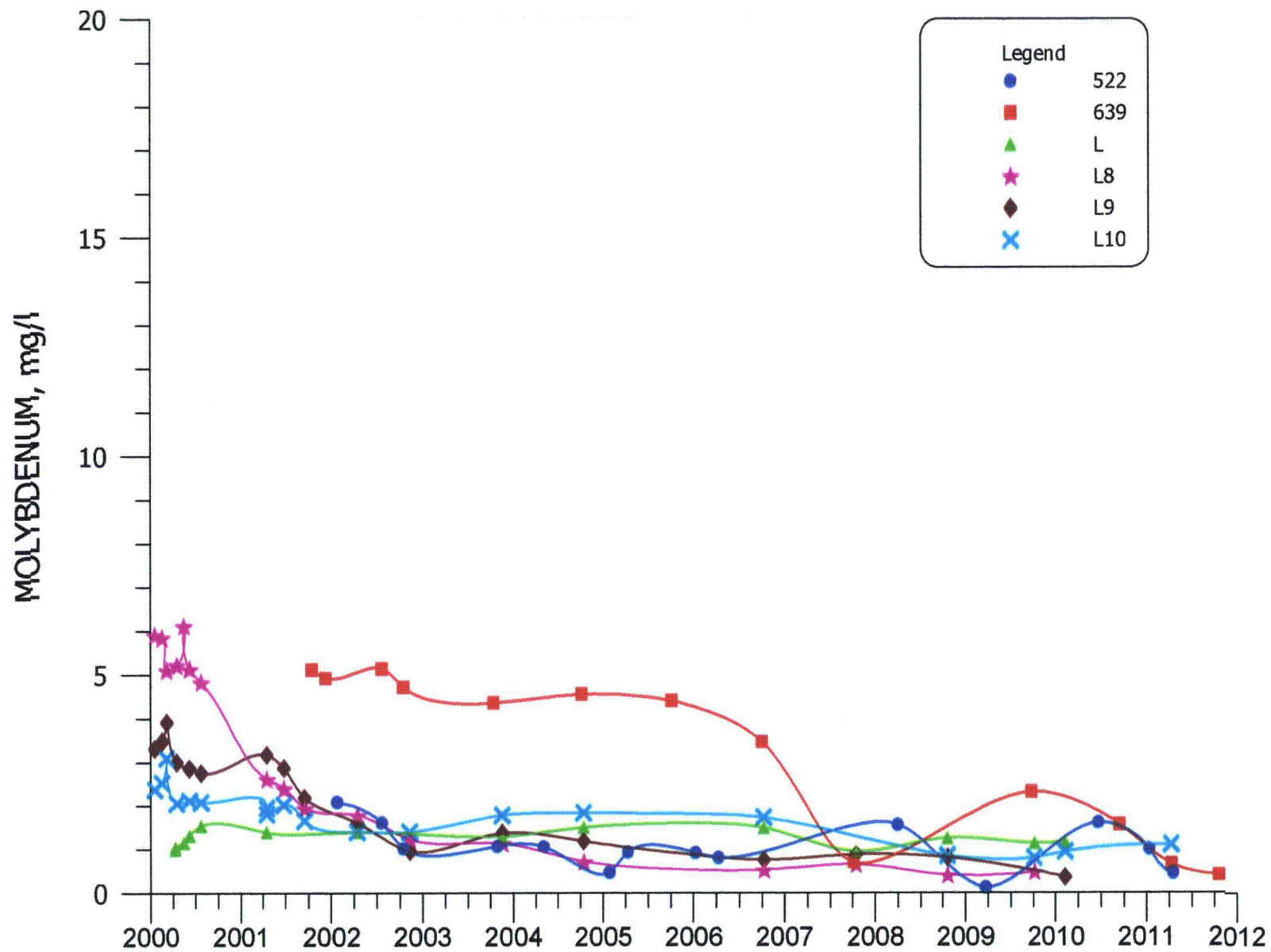


FIGURE 4.3-96. MOLYBDENUM CONCENTRATIONS FOR WELLS 522, 639, L, L8, L9, AND L10.

4.3-118

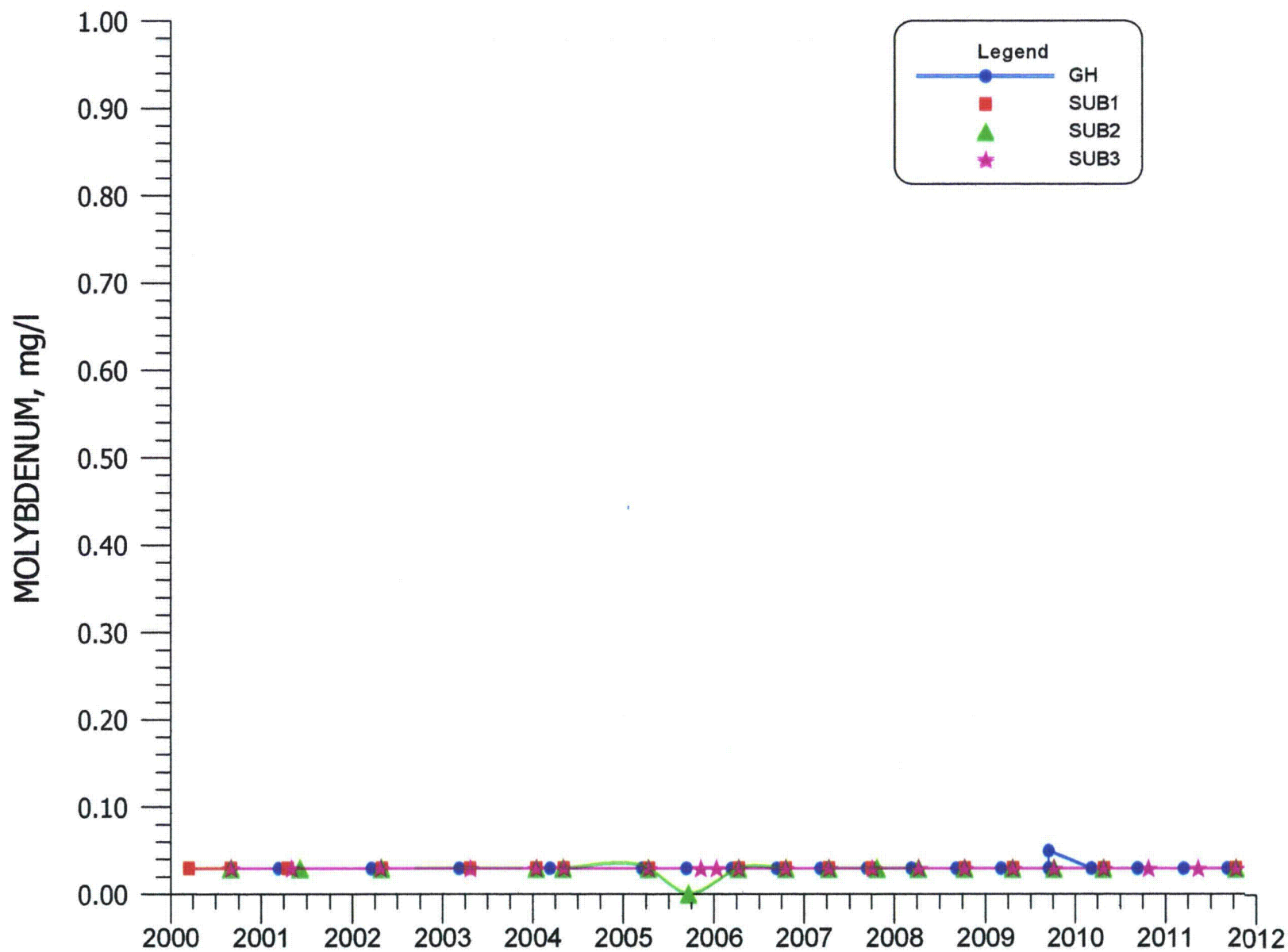


FIGURE 4.3-97. MOLYBDENUM CONCENTRATIONS FOR WELLS GH, SUB1, SUB2, AND SUB3.

4.3-119

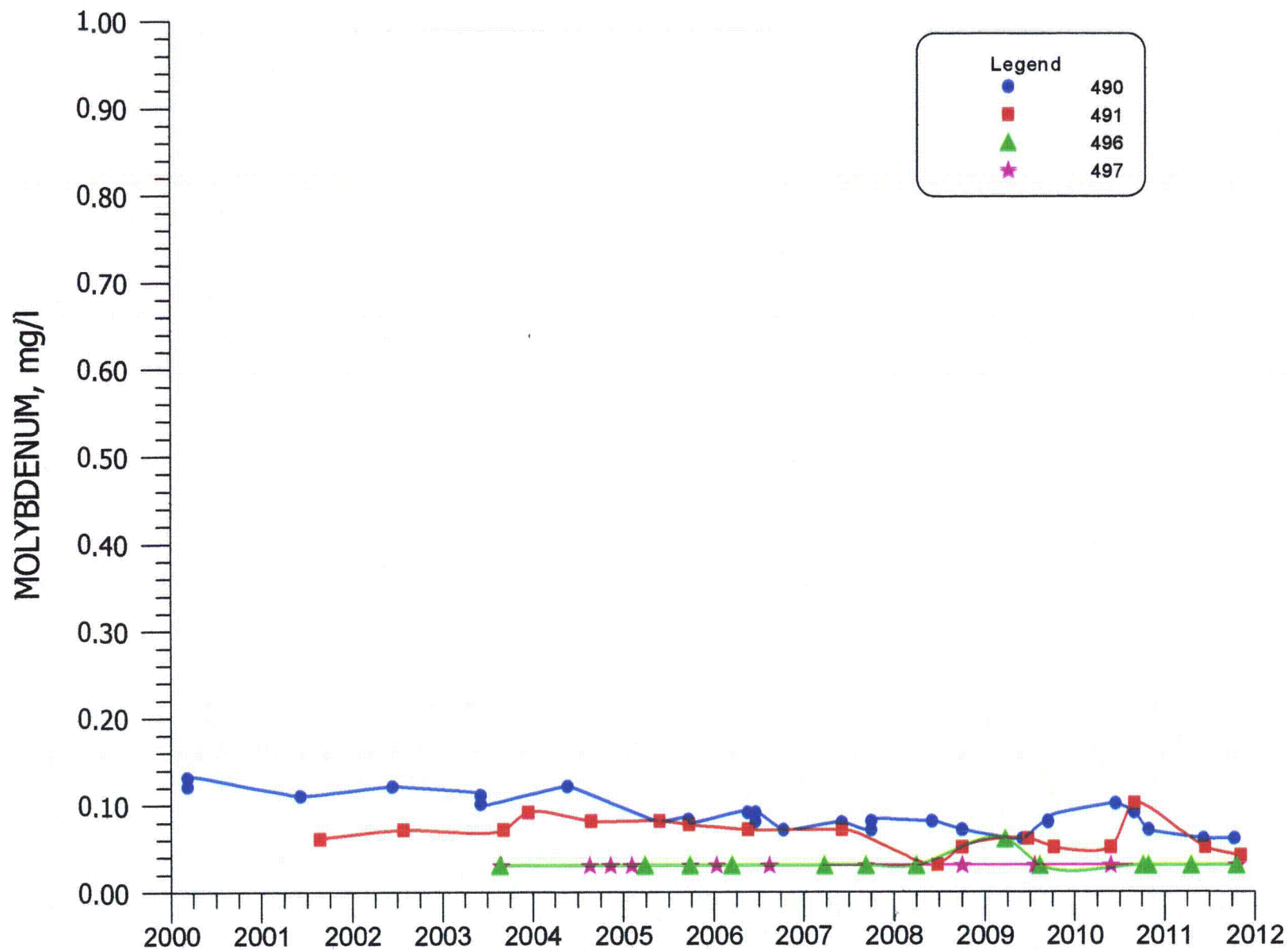


FIGURE 4.3-98. MOLYBDENUM CONCENTRATIONS FOR WELLS 490, 491, 496, AND 497.

4.3-120

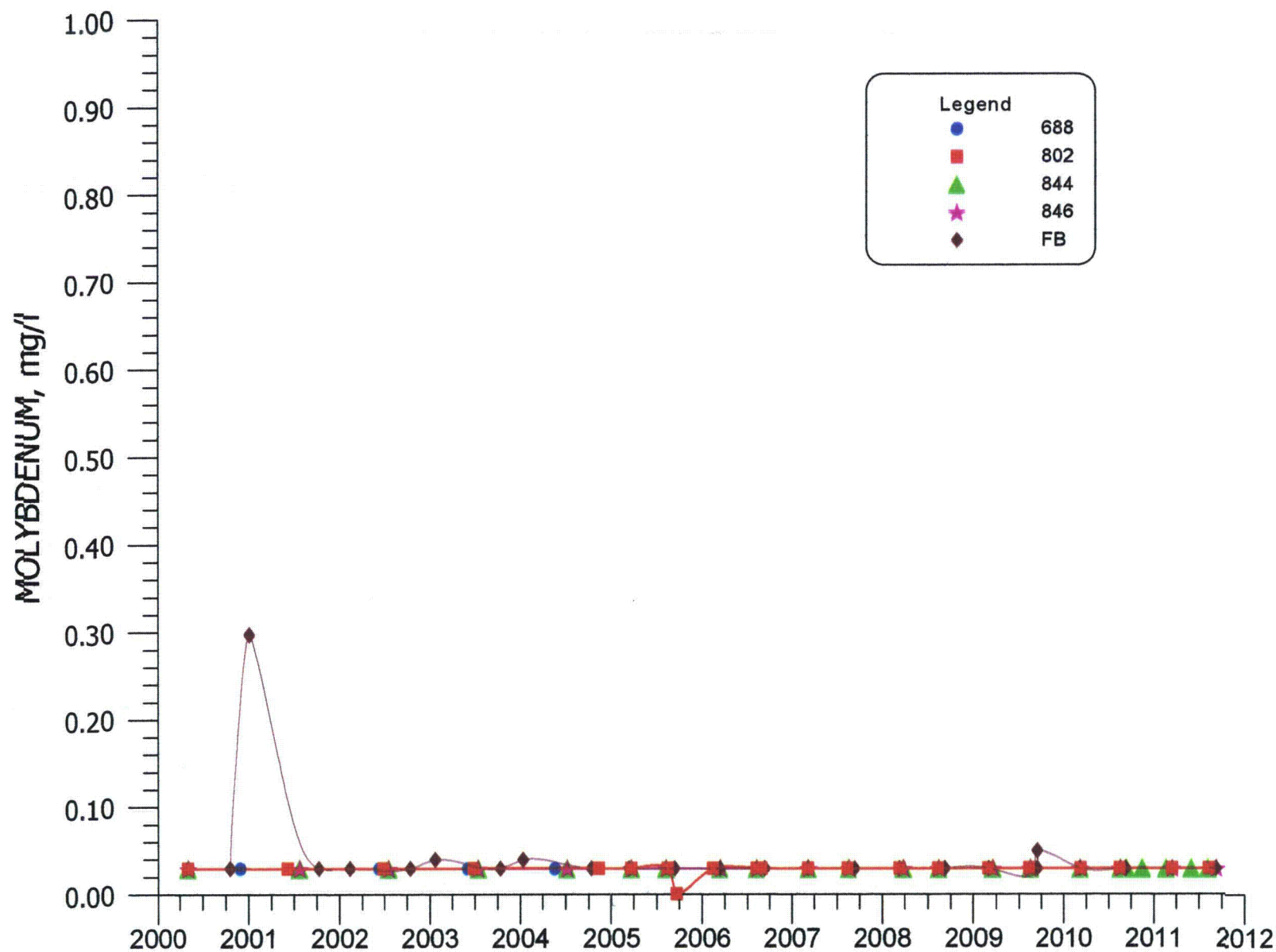


FIGURE 4.3-99. MOLYBDENUM CONCENTRATIONS FOR WELLS 688, 802, 844, 846 AND FB.

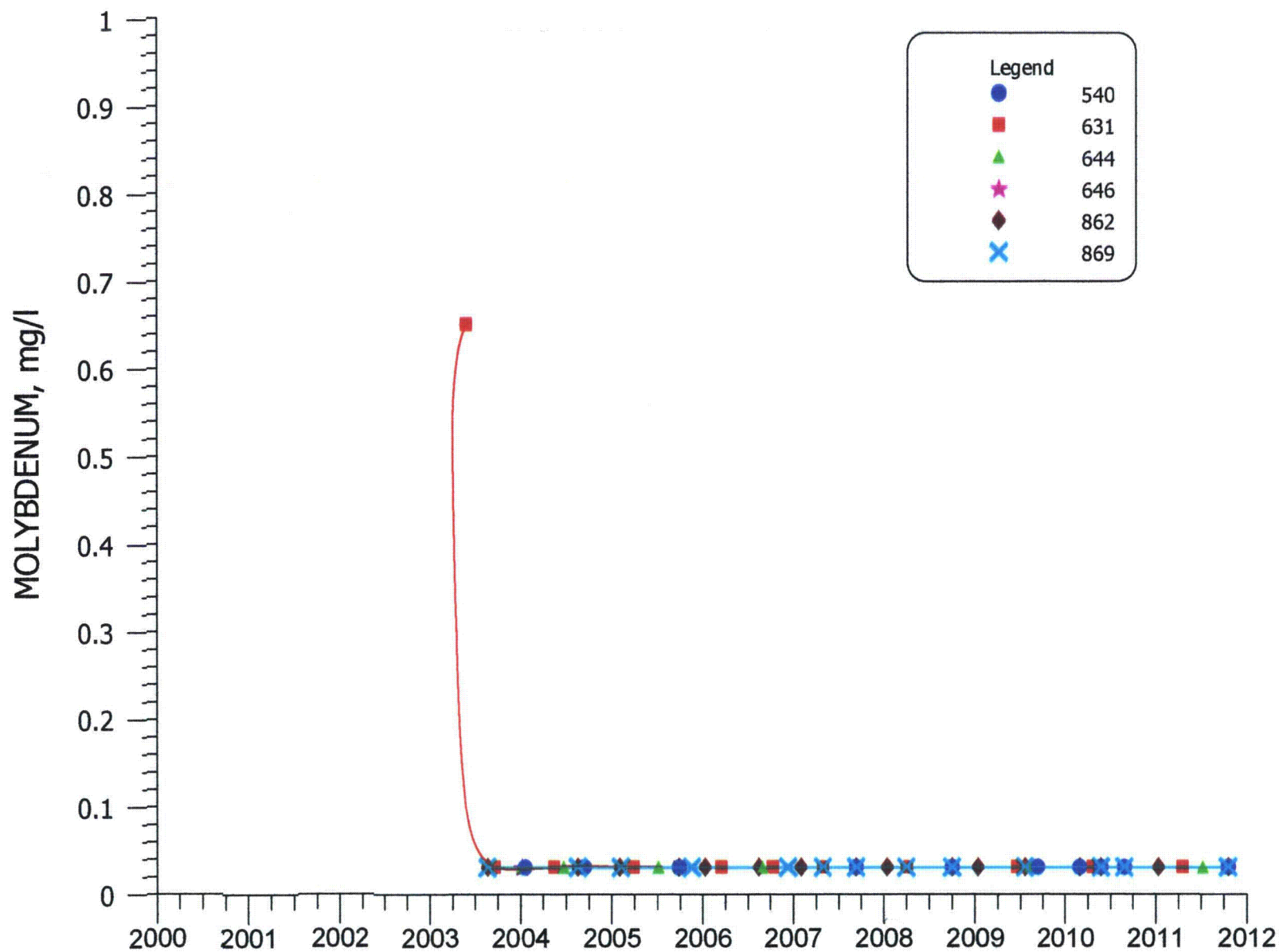


FIGURE 4.3-100. MOLYBDENUM CONCENTRATIONS FOR WELLS 540, 631, 644, 646, 862, AND 869.

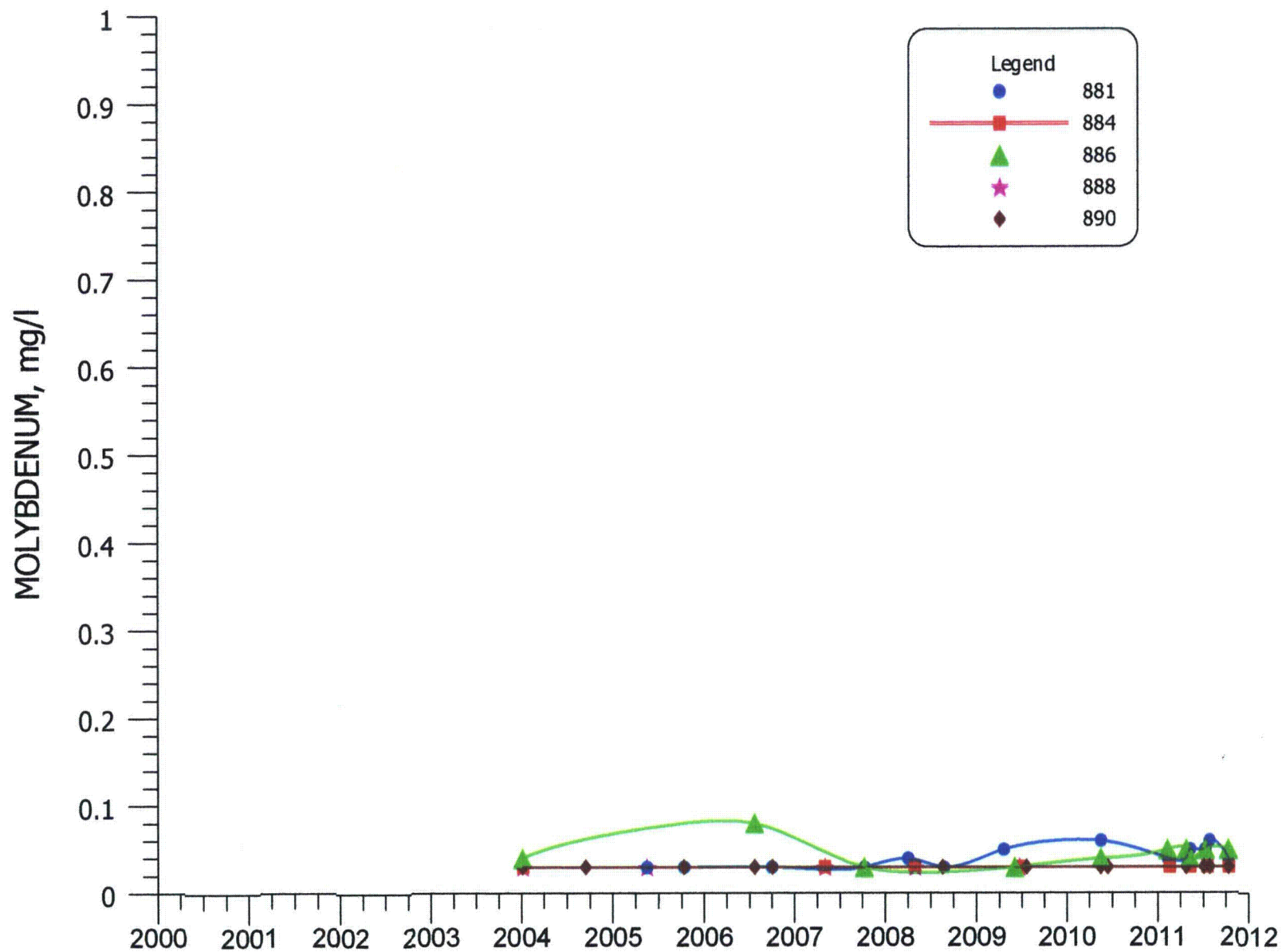


FIGURE 4.3-101. MOLYBDENUM CONCENTRATIONS FOR WELLS 881, 884, 886, 888, AND 890.

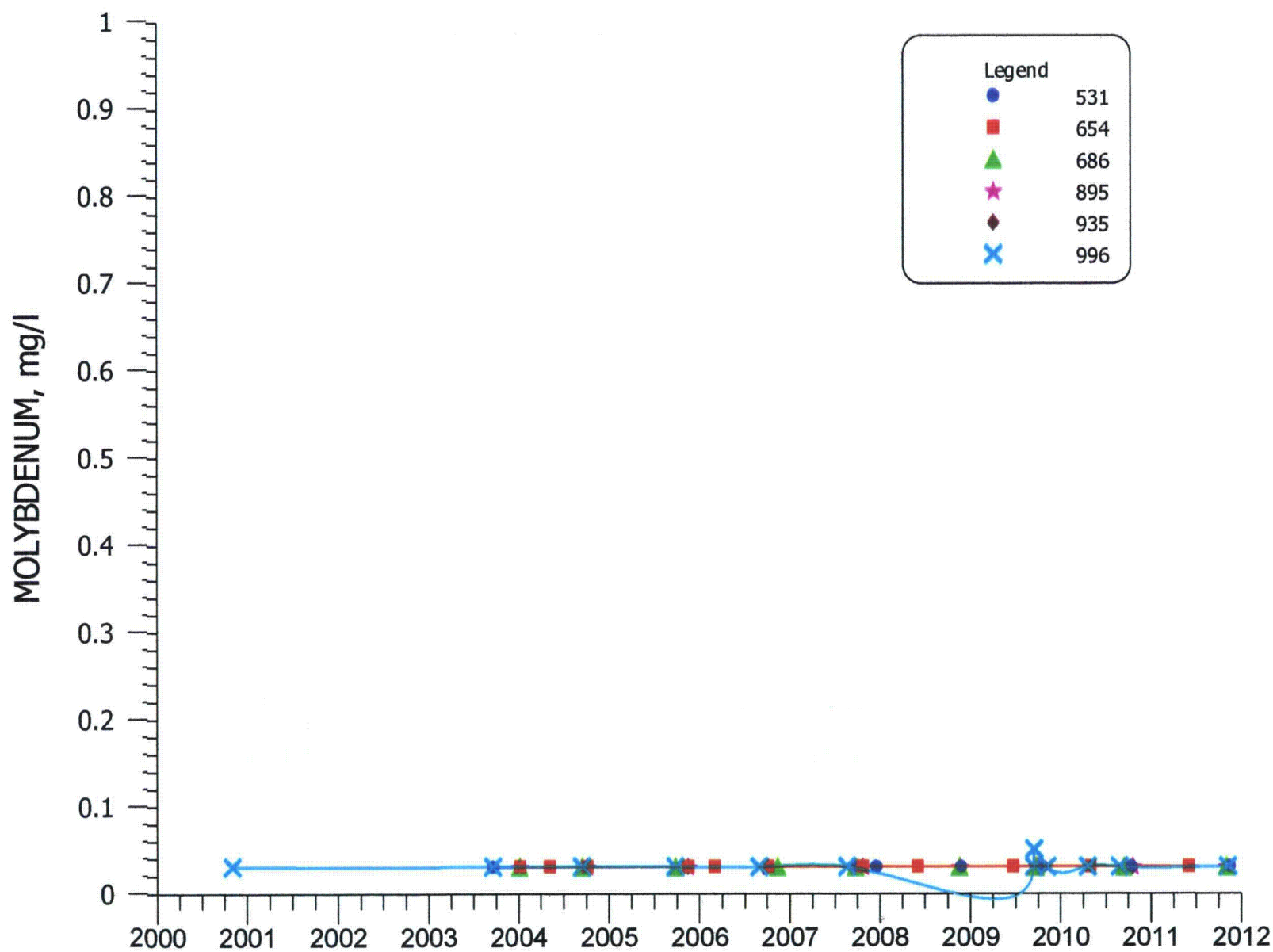


FIGURE 4.3-102. MOLYBDENUM CONCENTRATIONS FOR WELLS 531, 654, 686, 895, 935 AND 996.

4.3-124

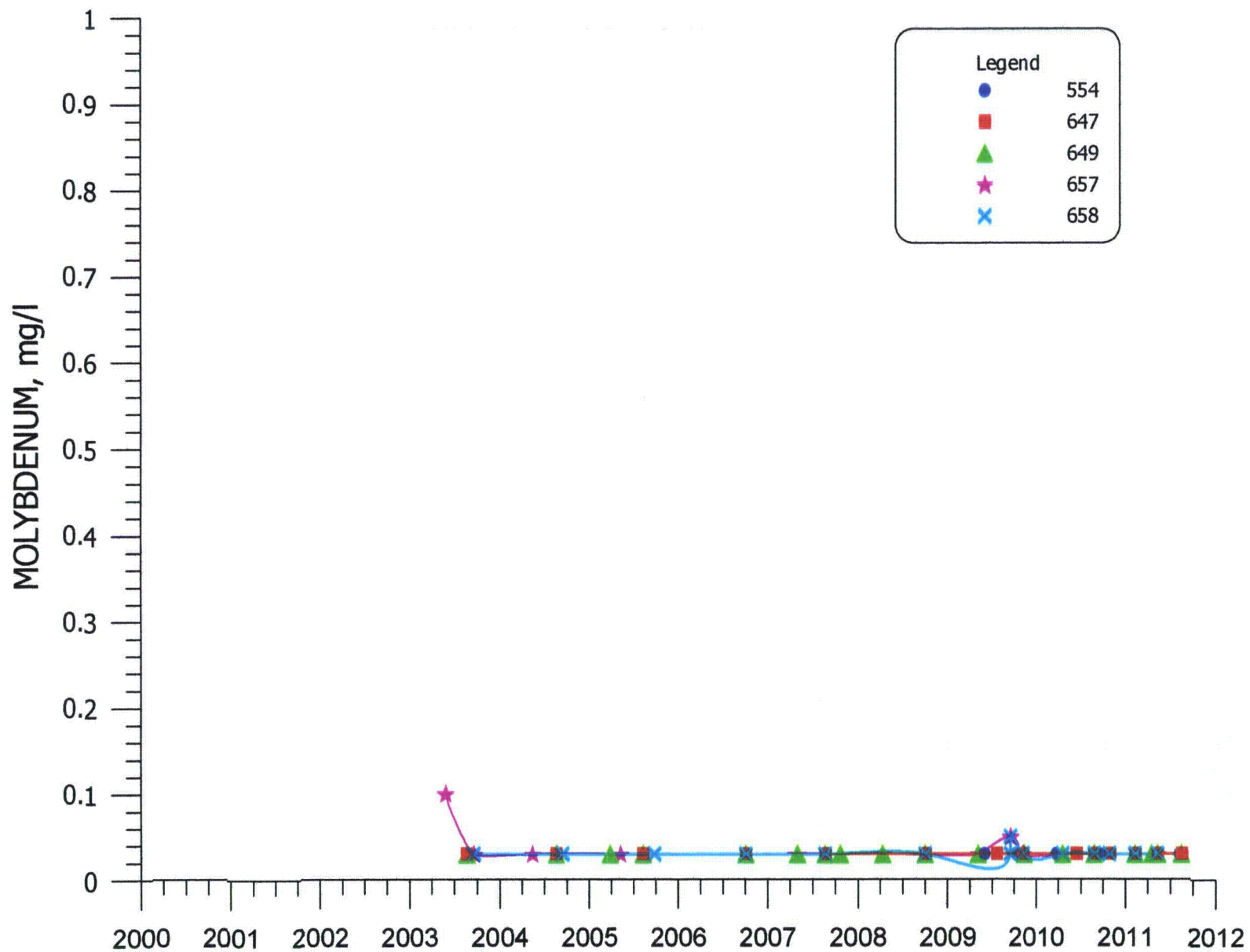
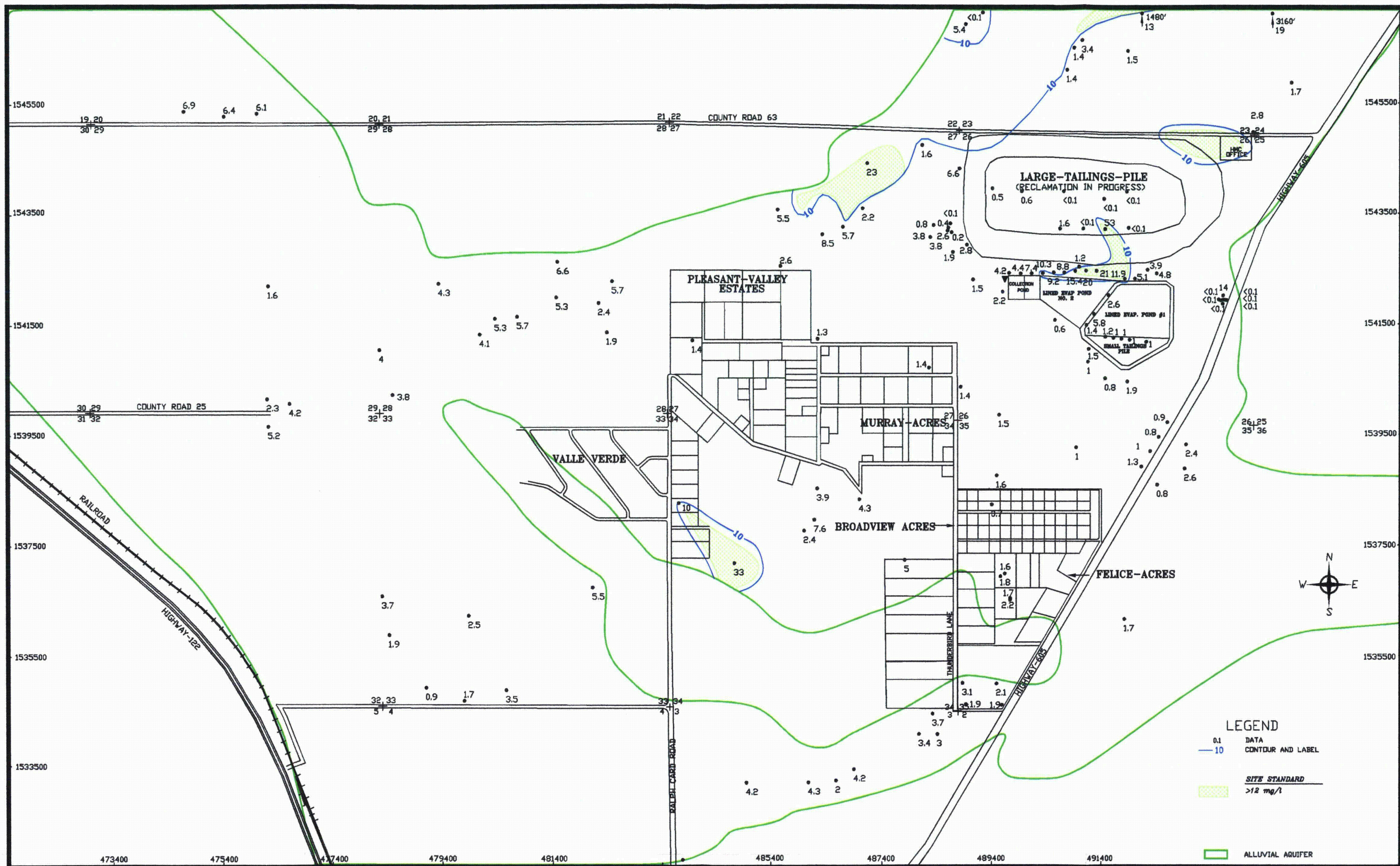


FIGURE 4.3-103. MOLYBDENUM CONCENTRATIONS FOR WELLS 554, 647, 649, 657 AND 658.



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FIGURE 4.3-104. NITRATE CONCENTRATIONS OF THE ALLUVIAL AQUIFER, 2011, mg/l
 4.3-125

4.3-126

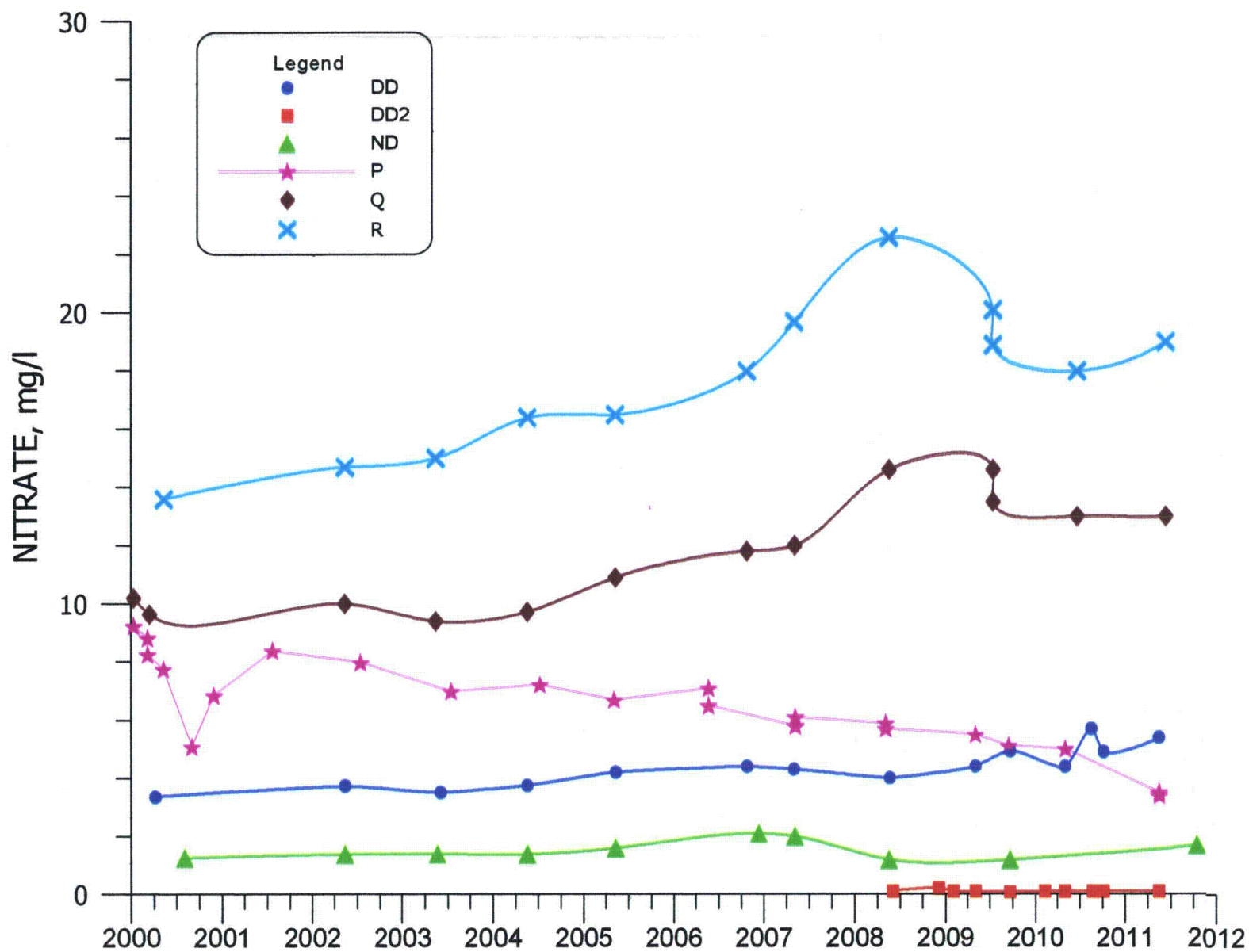


FIGURE 4.3-105. NITRATE CONCENTRATIONS FOR WELLS DD, DD2, ND, P, Q, AND R.

4.3-127

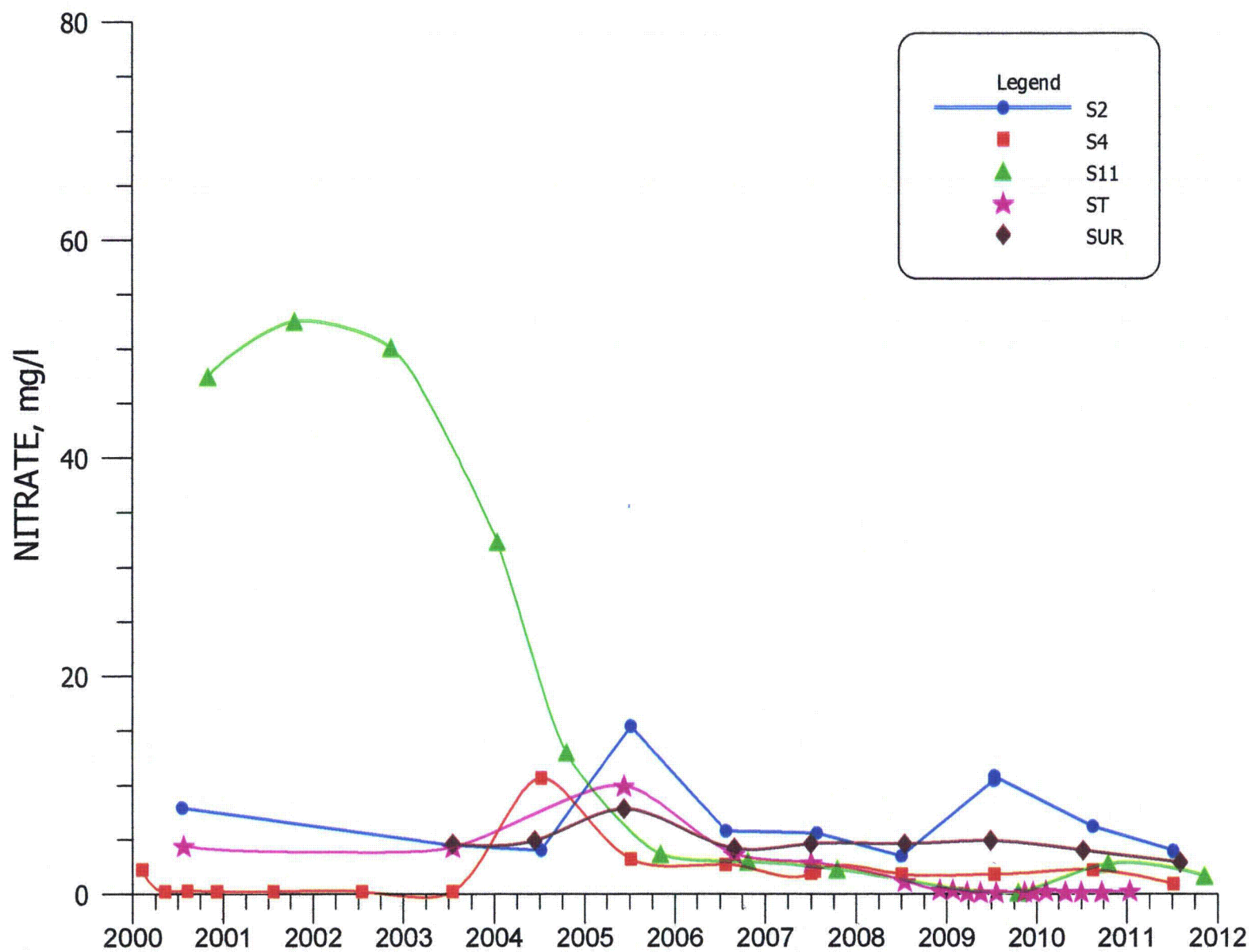


FIGURE 4.3-106. NITRATE CONCENTRATIONS FOR WELLS S2, S4, S11, ST AND SUR.

4.3-128

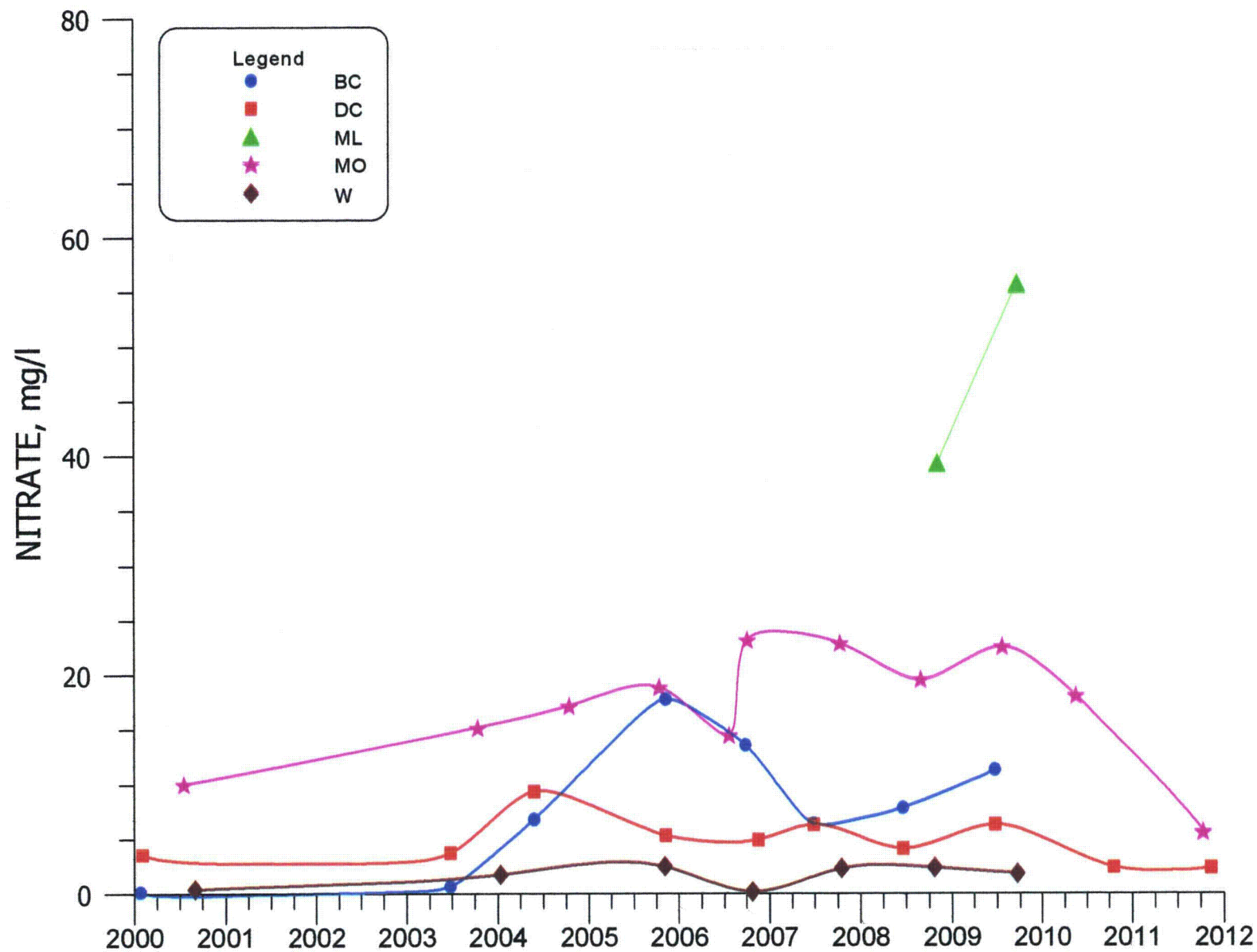


FIGURE 4.3-107. NITRATE CONCENTRATIONS FOR WELLS BC, DC, ML, MO, AND W.

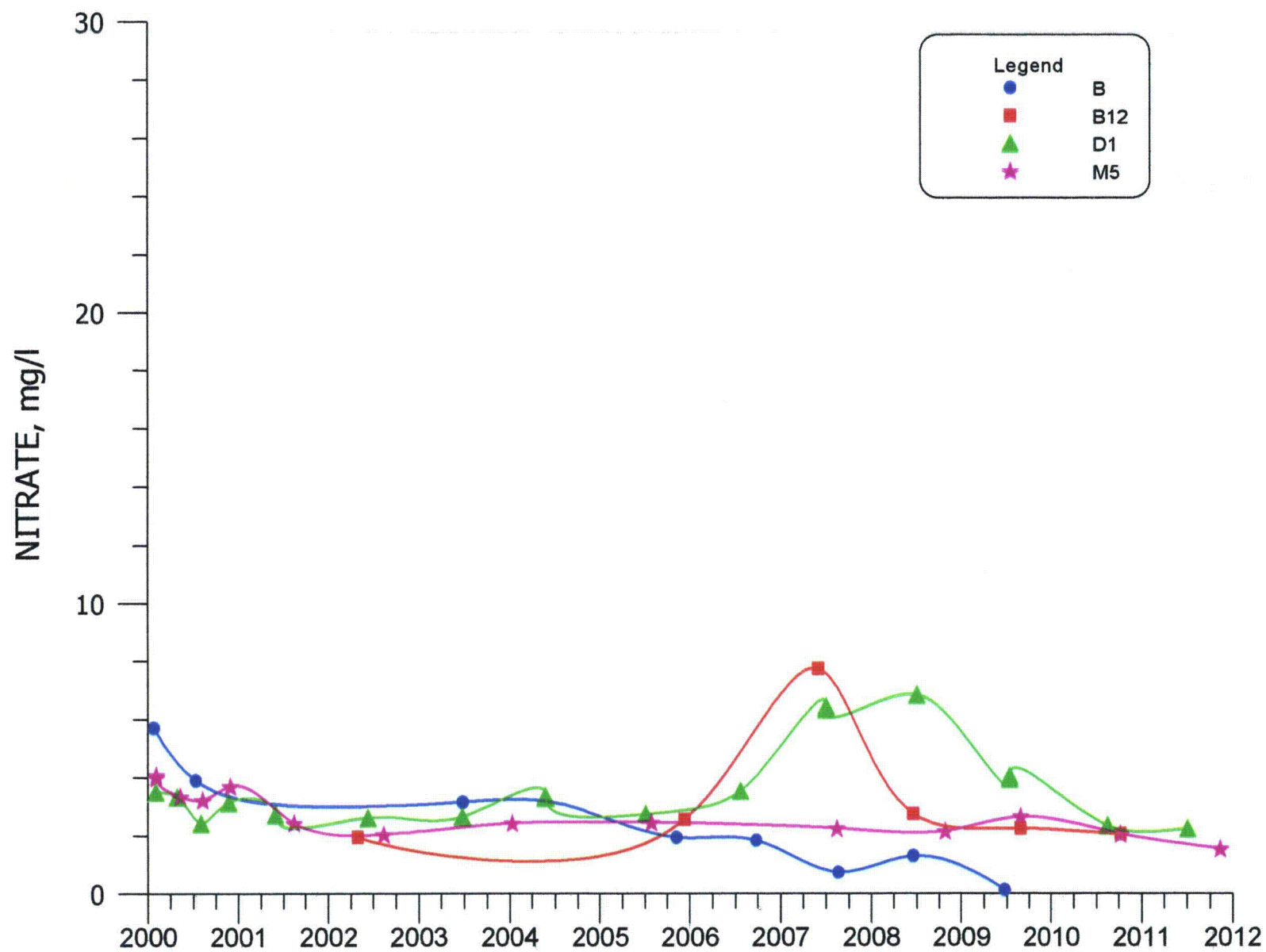


FIGURE 4.3-108. NITRATE CONCENTRATIONS FOR WELLS B, B12, D1, AND M5.

4.3-130

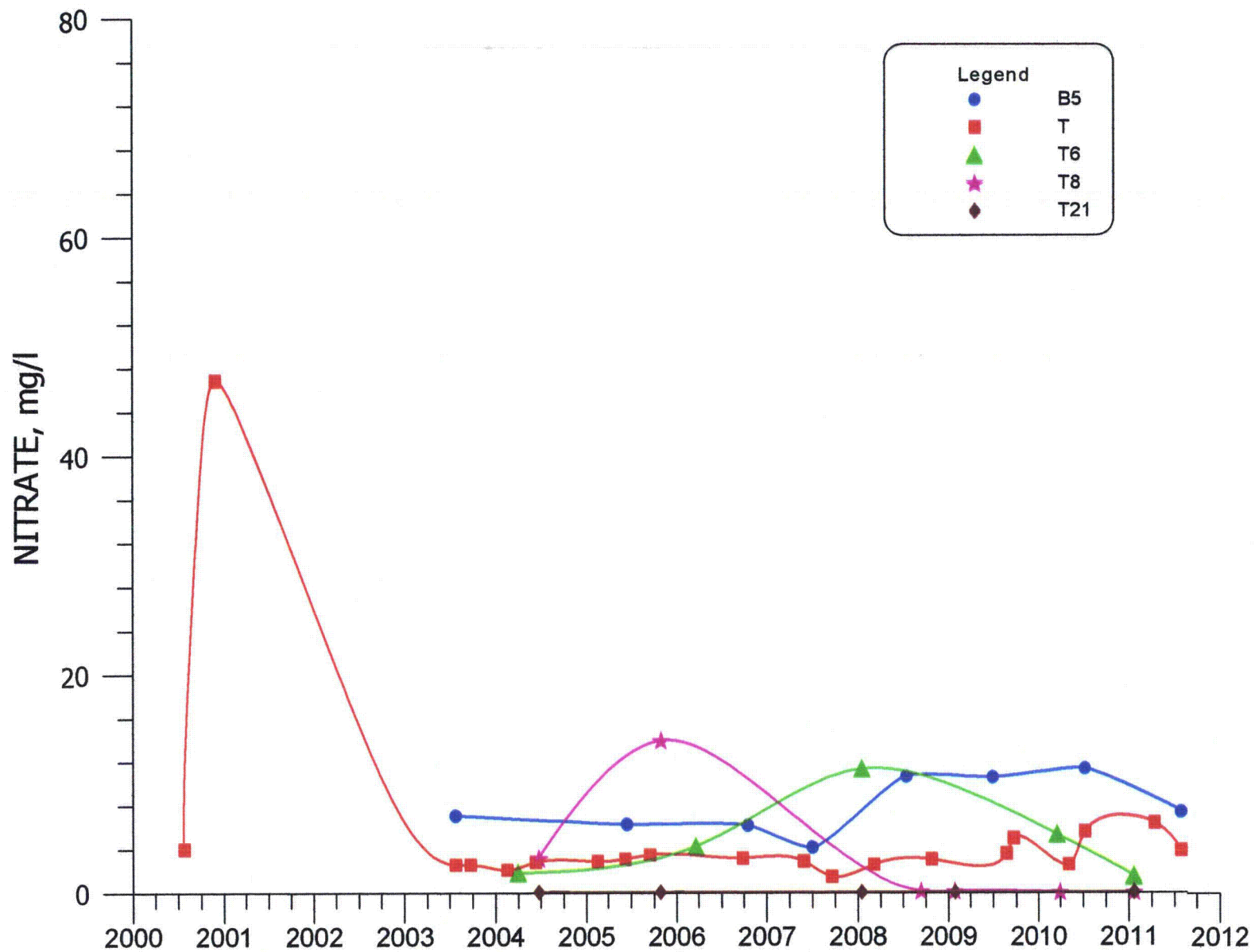


FIGURE 4.3-109. NITRATE CONCENTRATIONS FOR WELLS B5, T, T6, T8, AND T21.

4.3-131

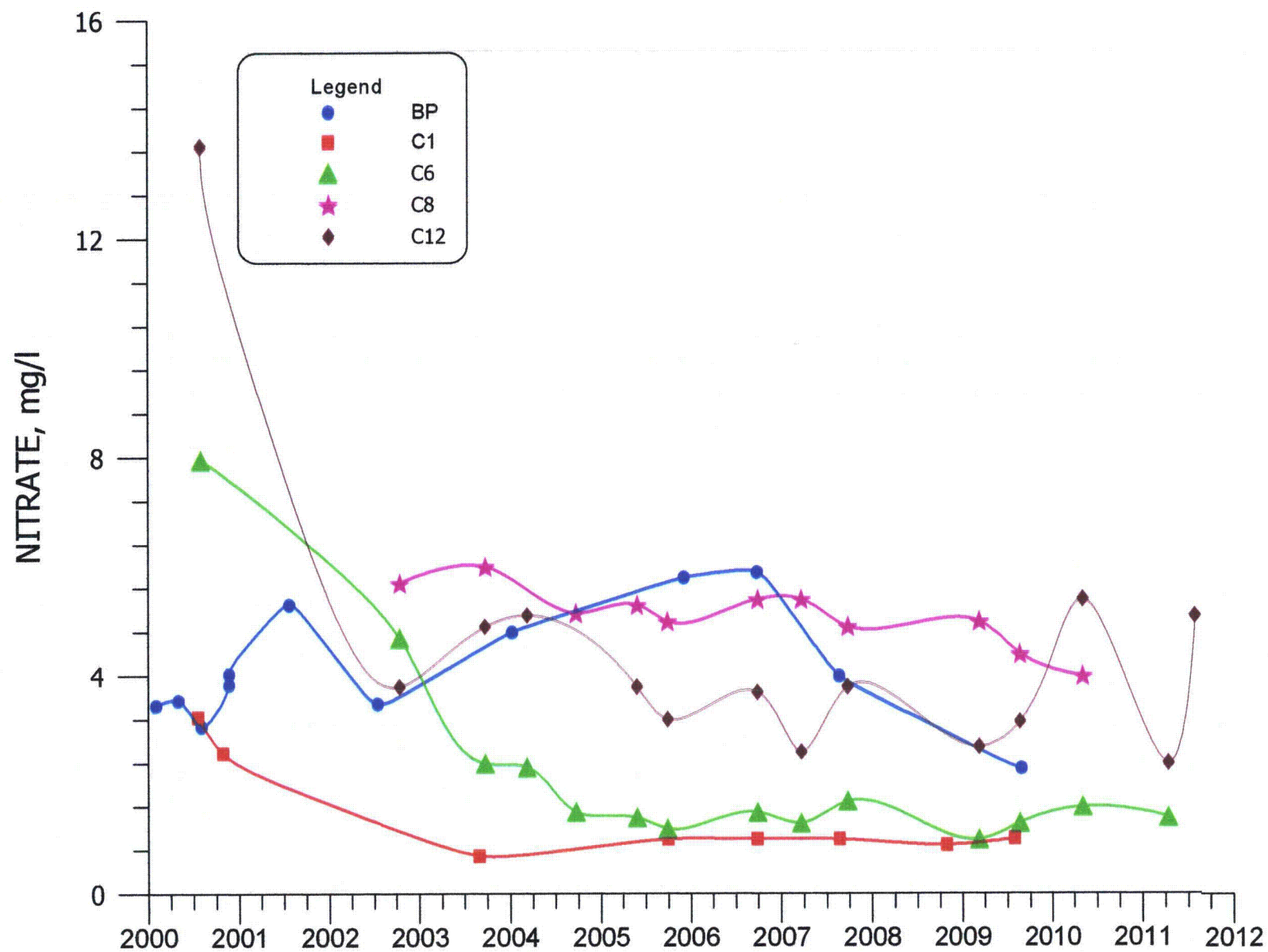


FIGURE 4.3-110. NITRATE CONCENTRATIONS FOR WELLS BP, C1, C6, C8 AND C12.

4.3-132

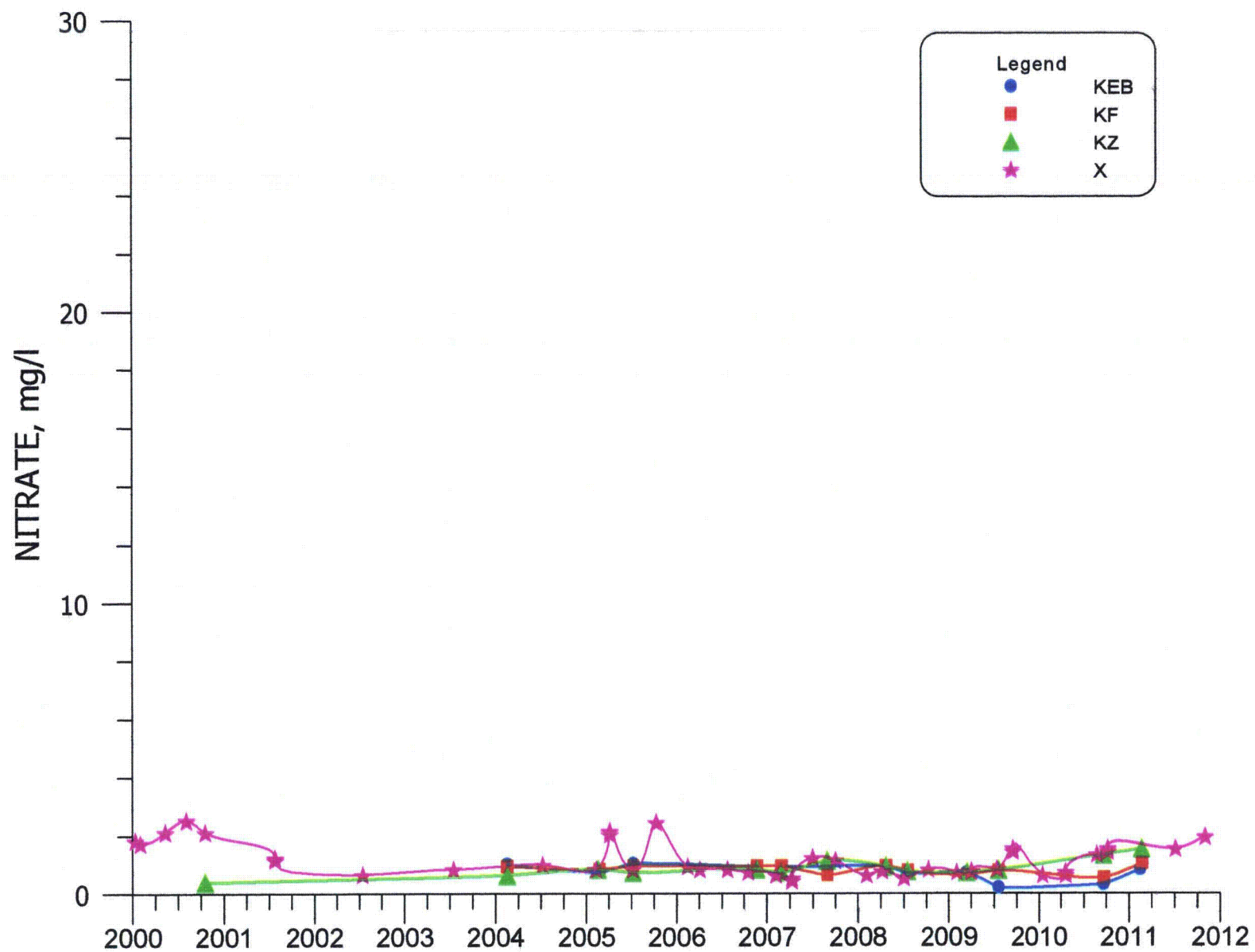


FIGURE 4.3-111. NITRATE CONCENTRATIONS FOR WELLS KEB, KF, KZ, AND X.

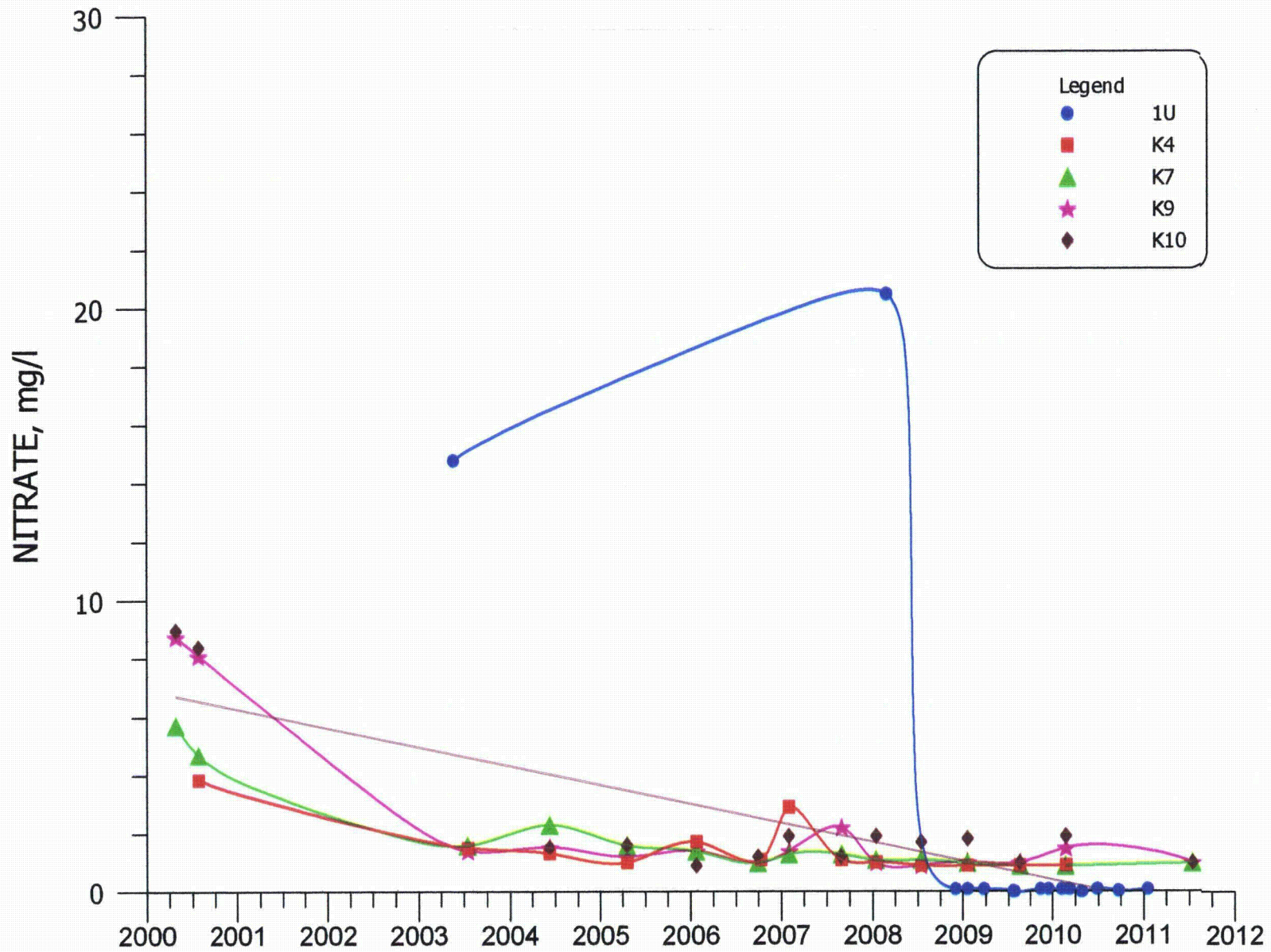


FIGURE 4.3-112. NITRATE CONCENTRATIONS FOR WELLS 1U, K4, K7, K9, AND K10.

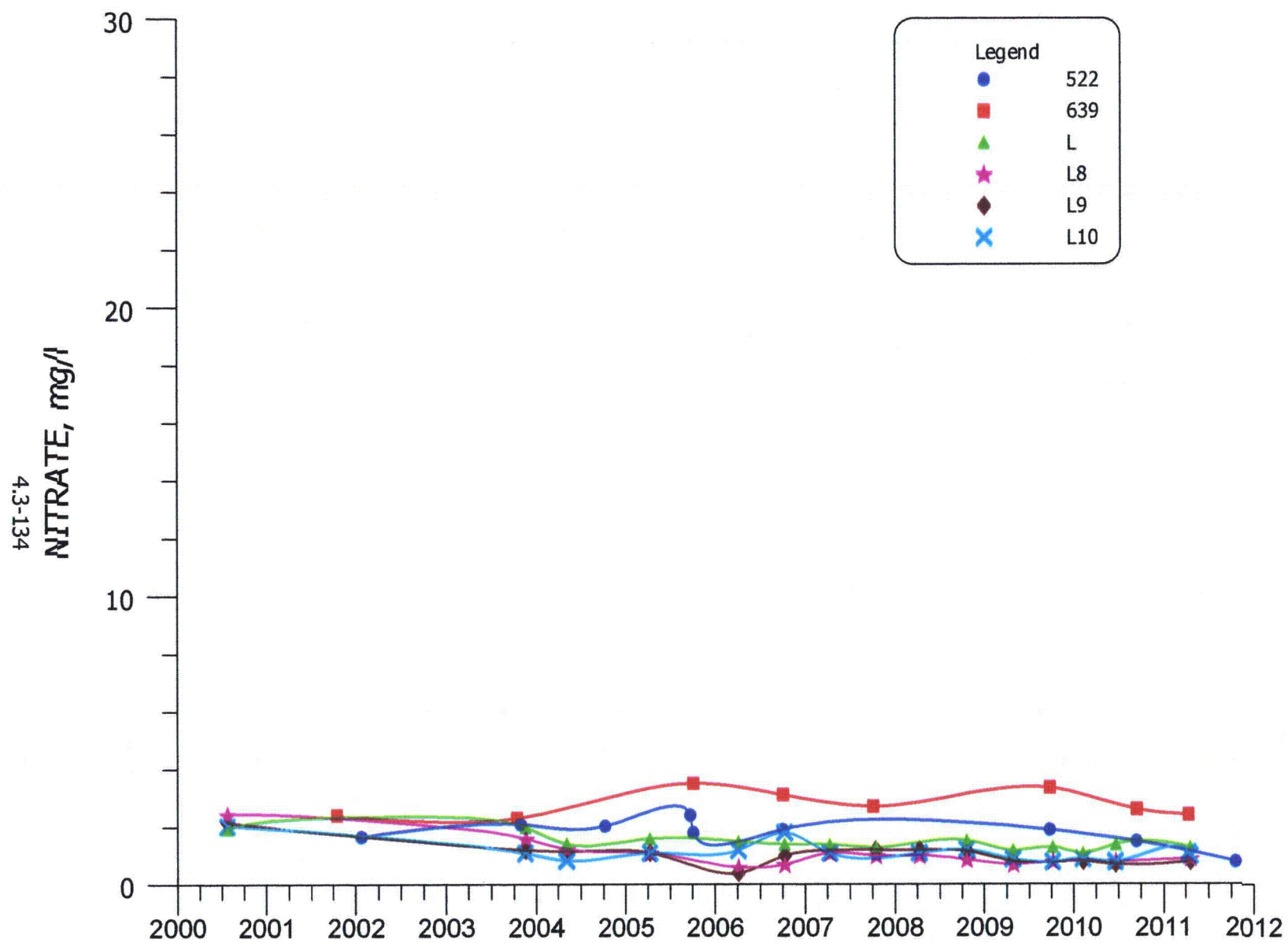


FIGURE 4.3-113. NITRATE CONCENTRATIONS FOR WELLS 522, 639, L, L8, L9, AND L10.

4.3-135

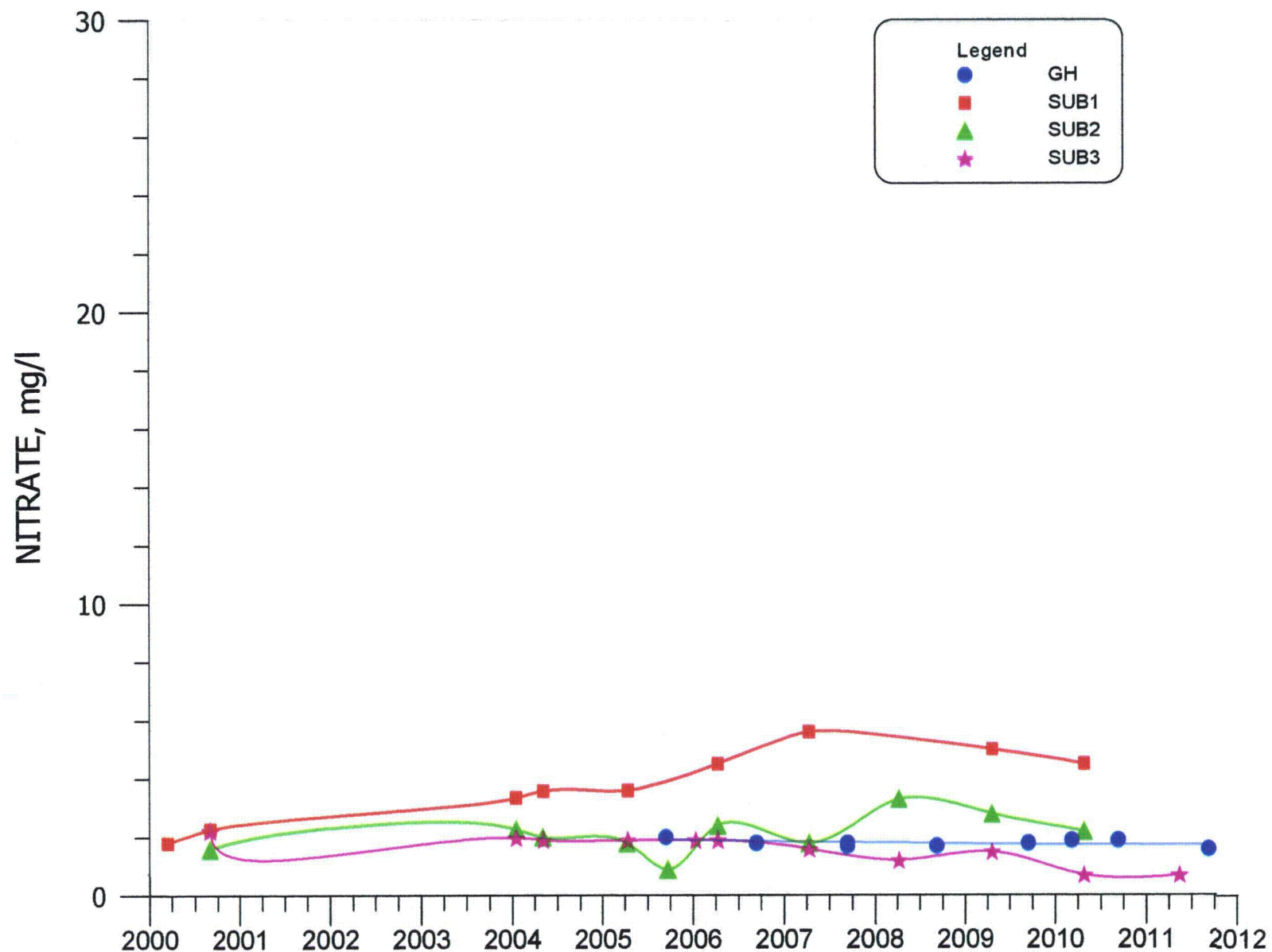


FIGURE 4.3-114. NITRATE CONCENTRATIONS FOR WELLS GH, SUB1, SUB2 AND SUB3.

4.3-136

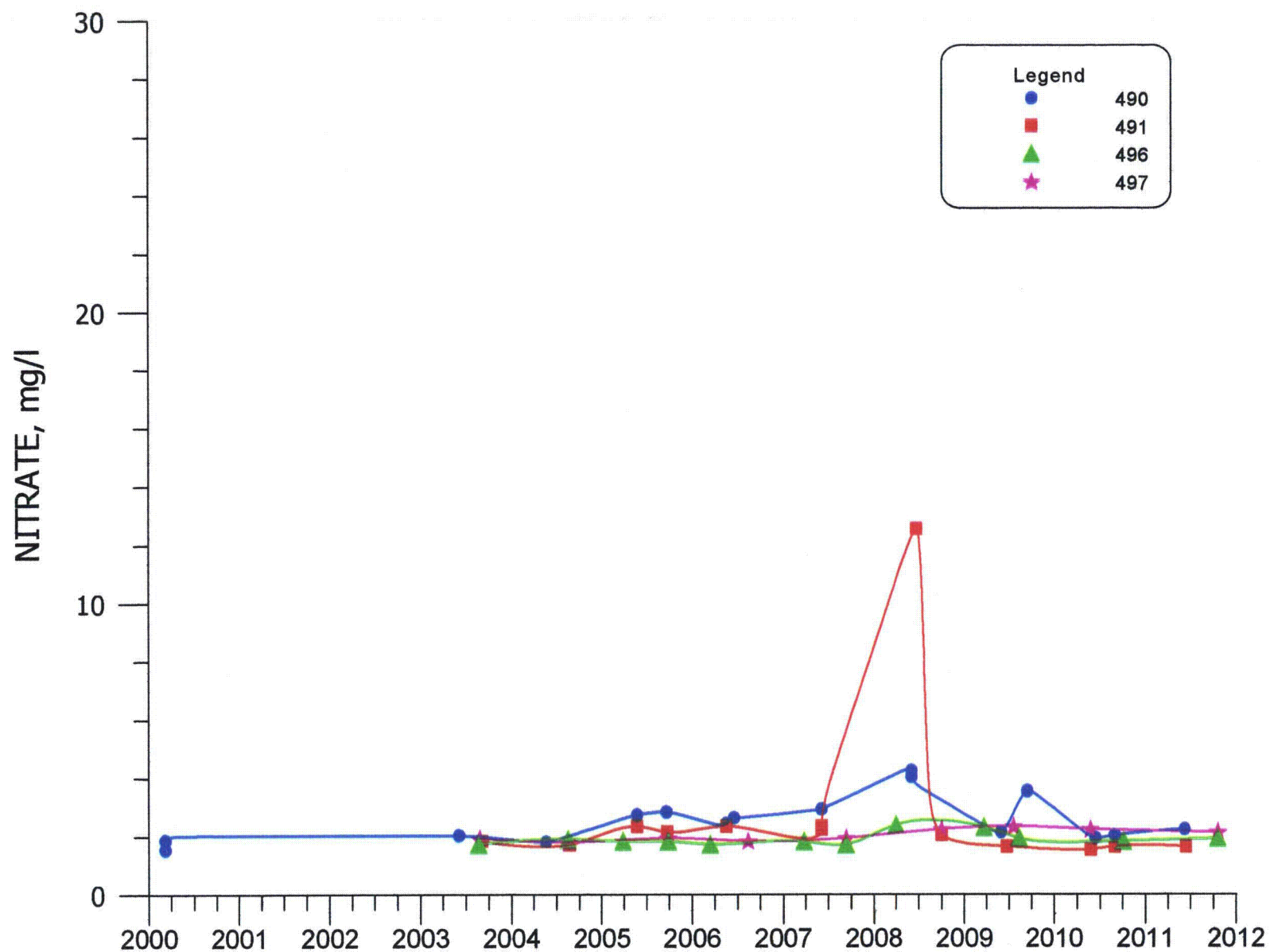


FIGURE 4.3-115. NITRATE CONCENTRATIONS FOR WELLS 490, 491, 496, AND 497.

4.3-137

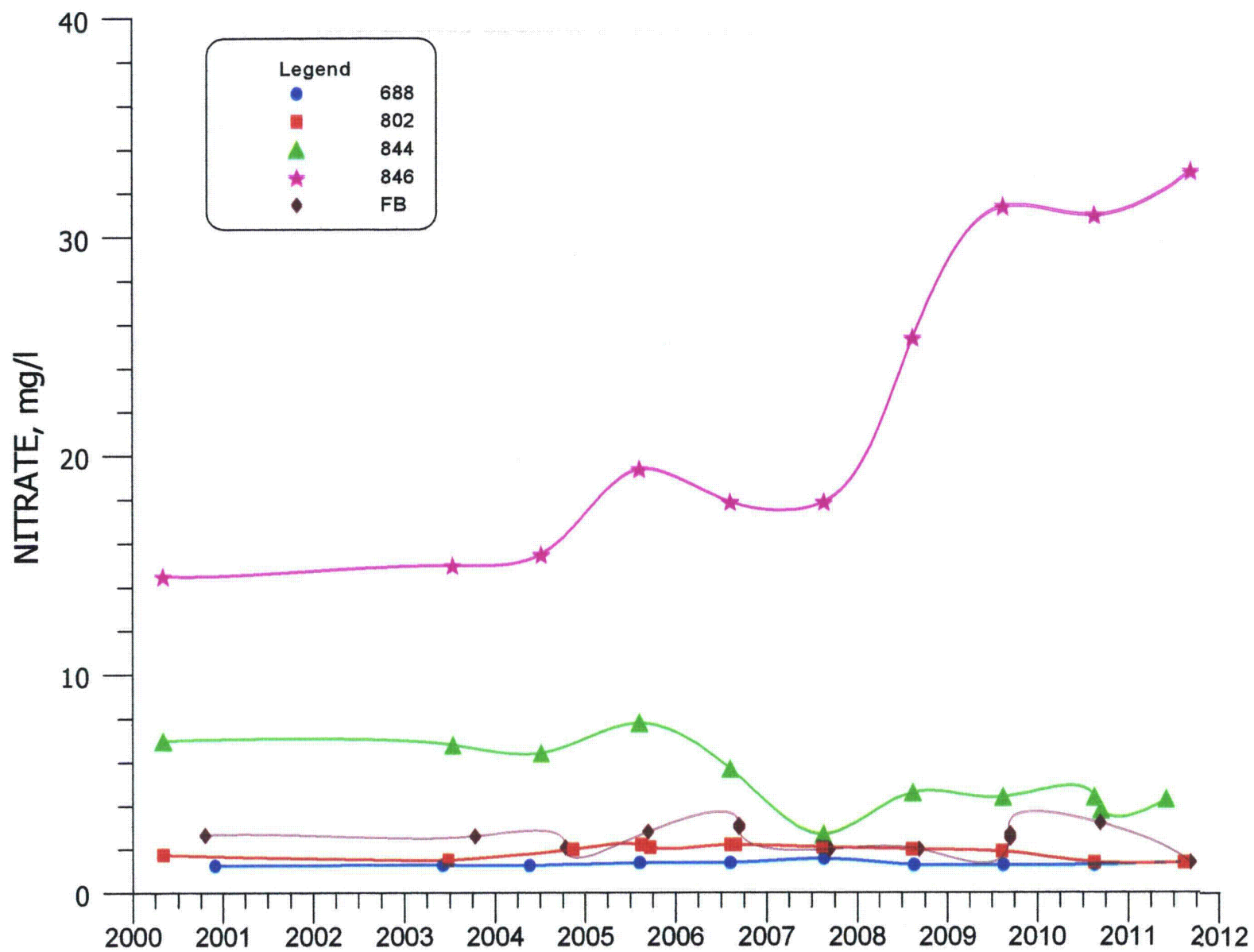


FIGURE 4.3-116. NITRATE CONCENTRATIONS FOR WELLS 688, 802, 844, 846 AND FB.

4.3-138

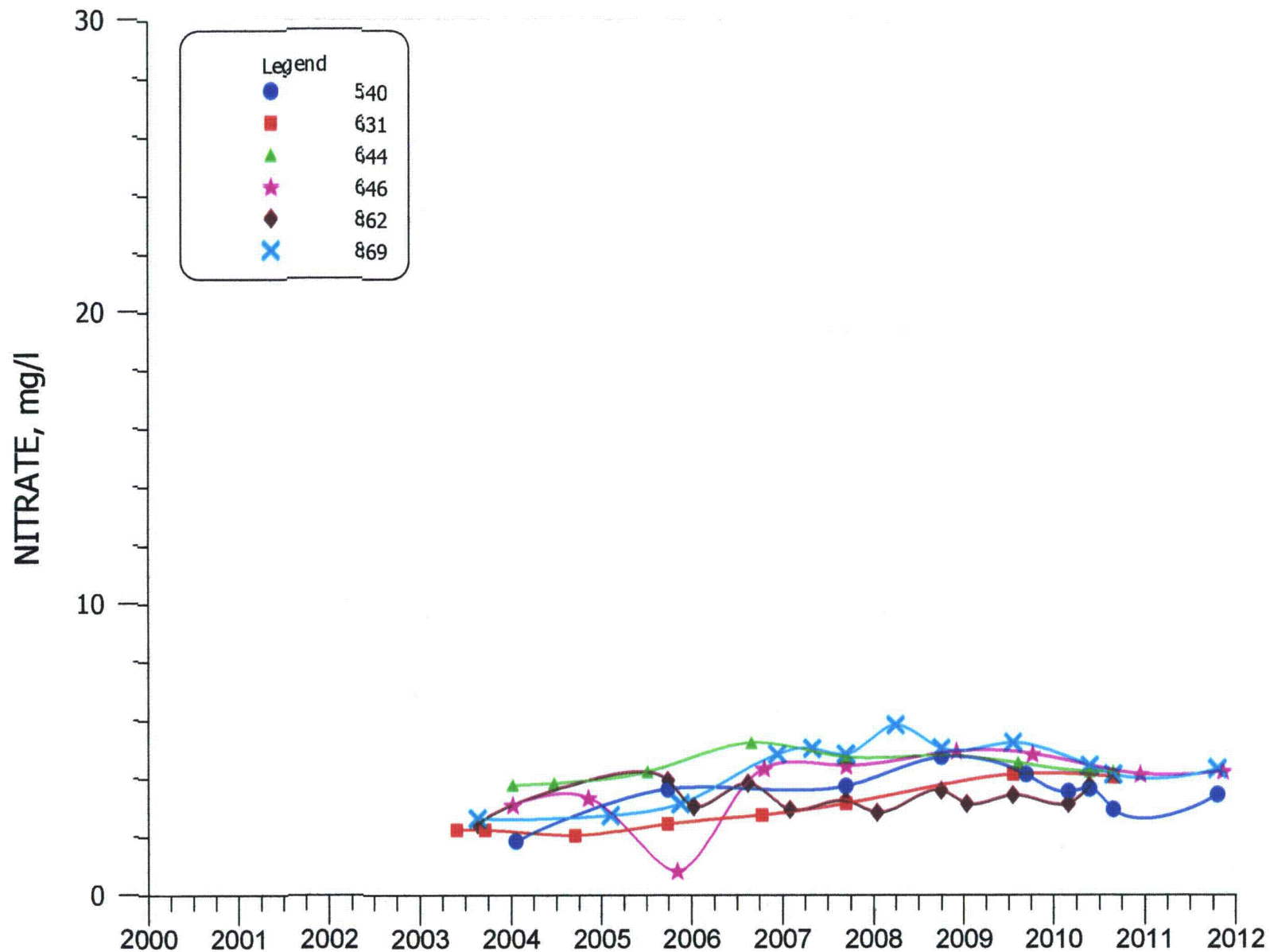


FIGURE 4.3-117. NITRATE CONCENTRATIONS FOR WELLS 540, 631, 644, 646, 862, AND 869.

4.3-139

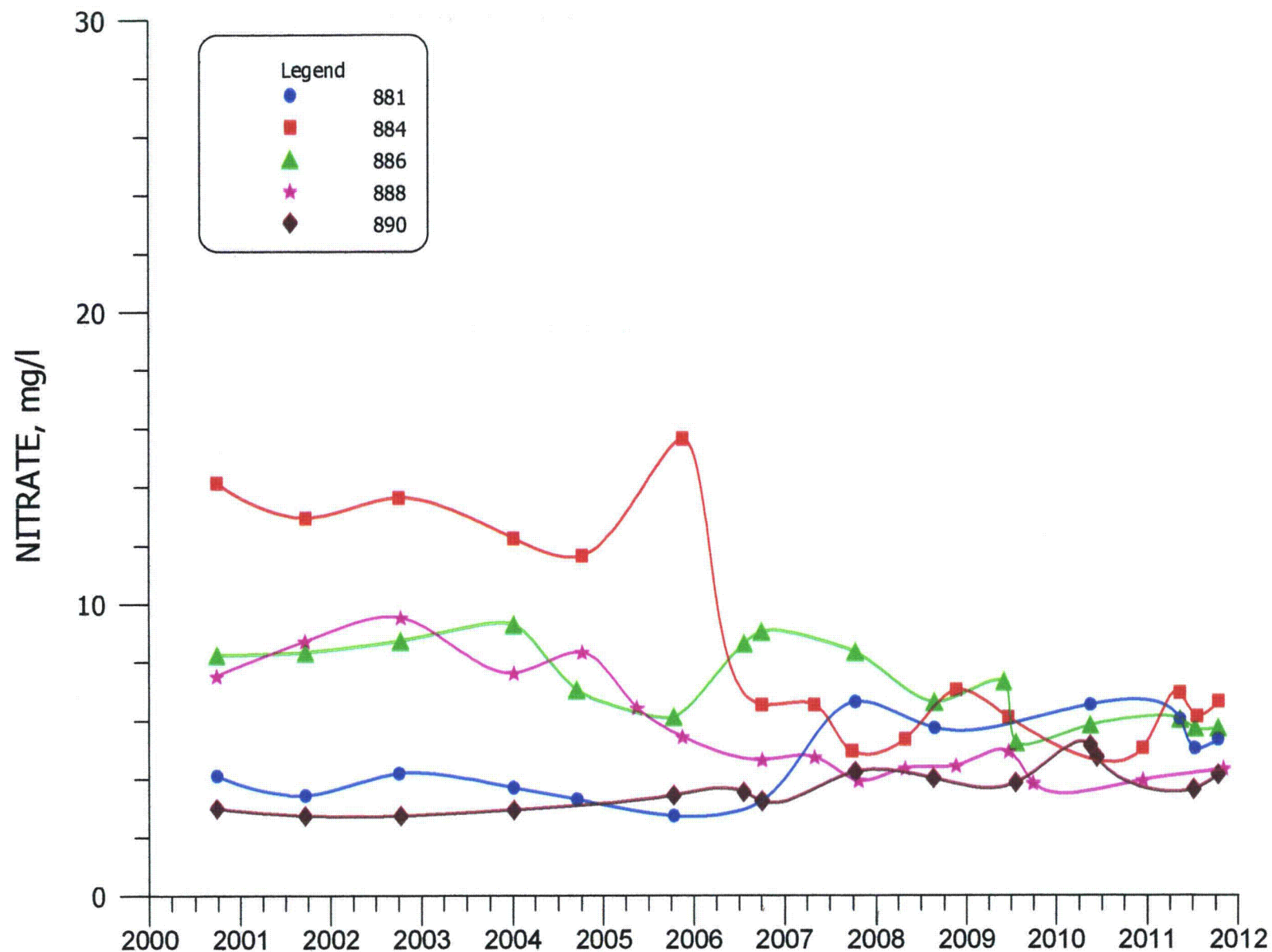


FIGURE 4.3-118. NITRATE CONCENTRATIONS FOR WELLS 881, 884, 886, 888 AND 890.

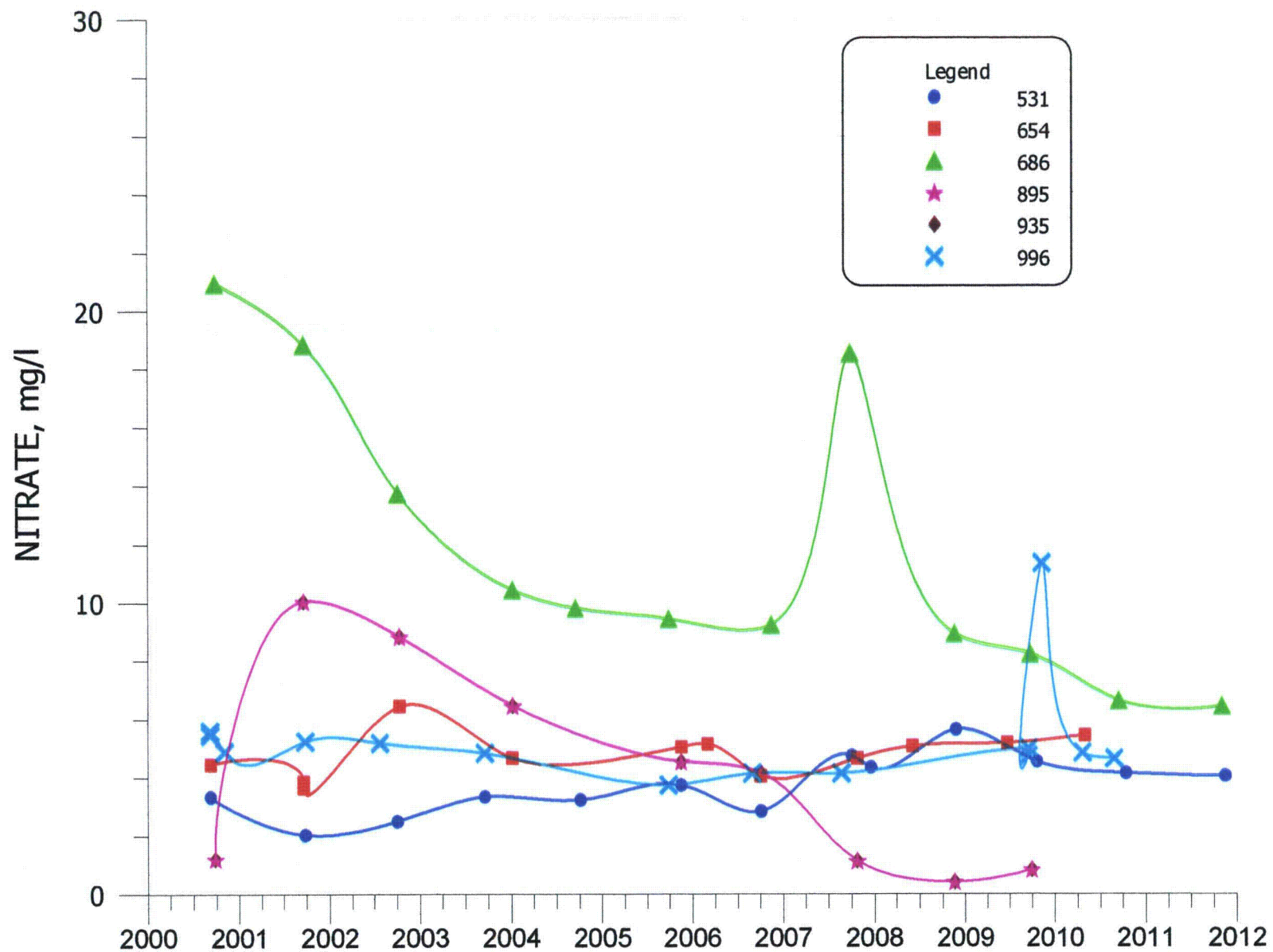


FIGURE 4.3-119. NITRATE CONCENTRATIONS FOR WELLS 531, 654, 686, 895, 935 AND 996.

4.3-141

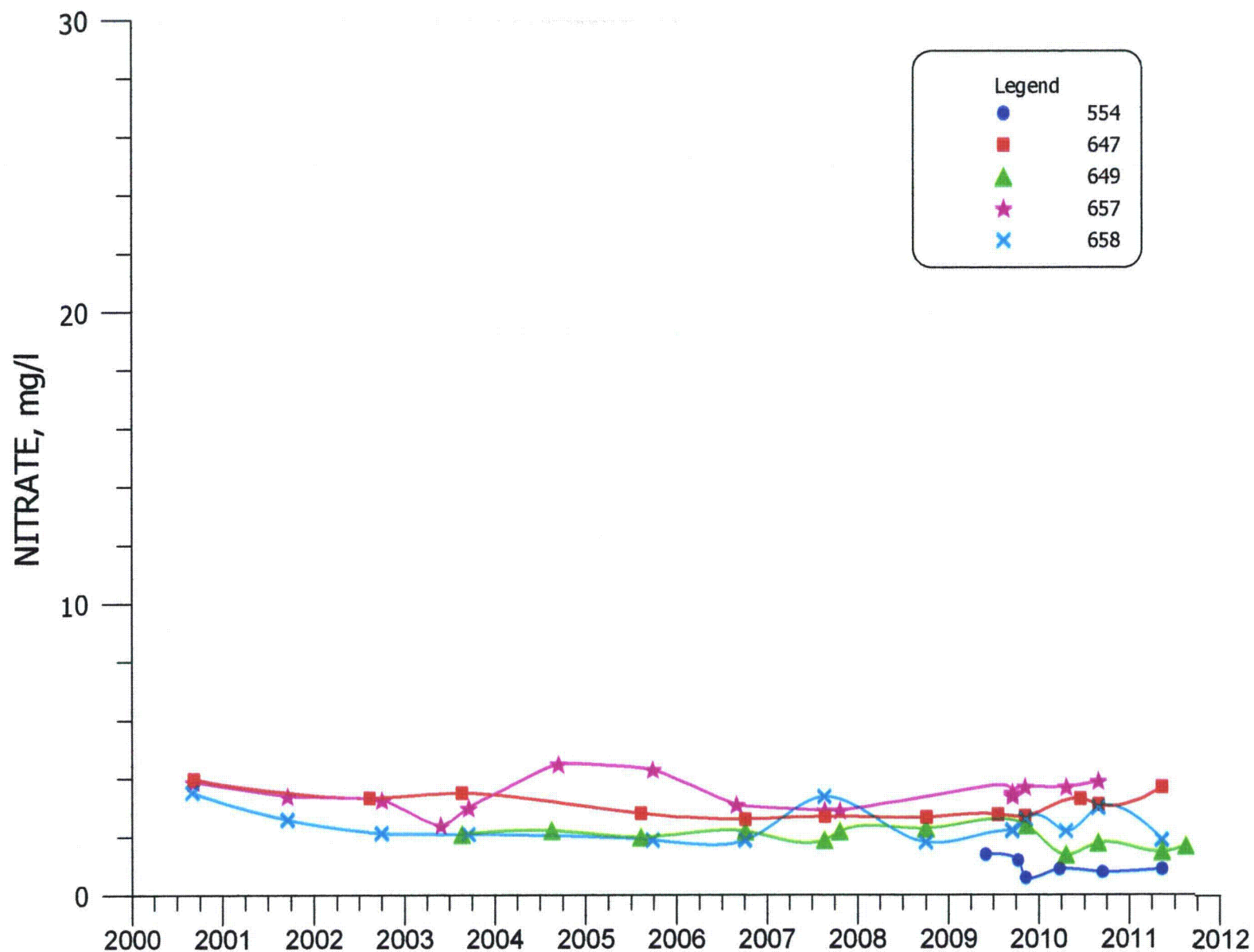
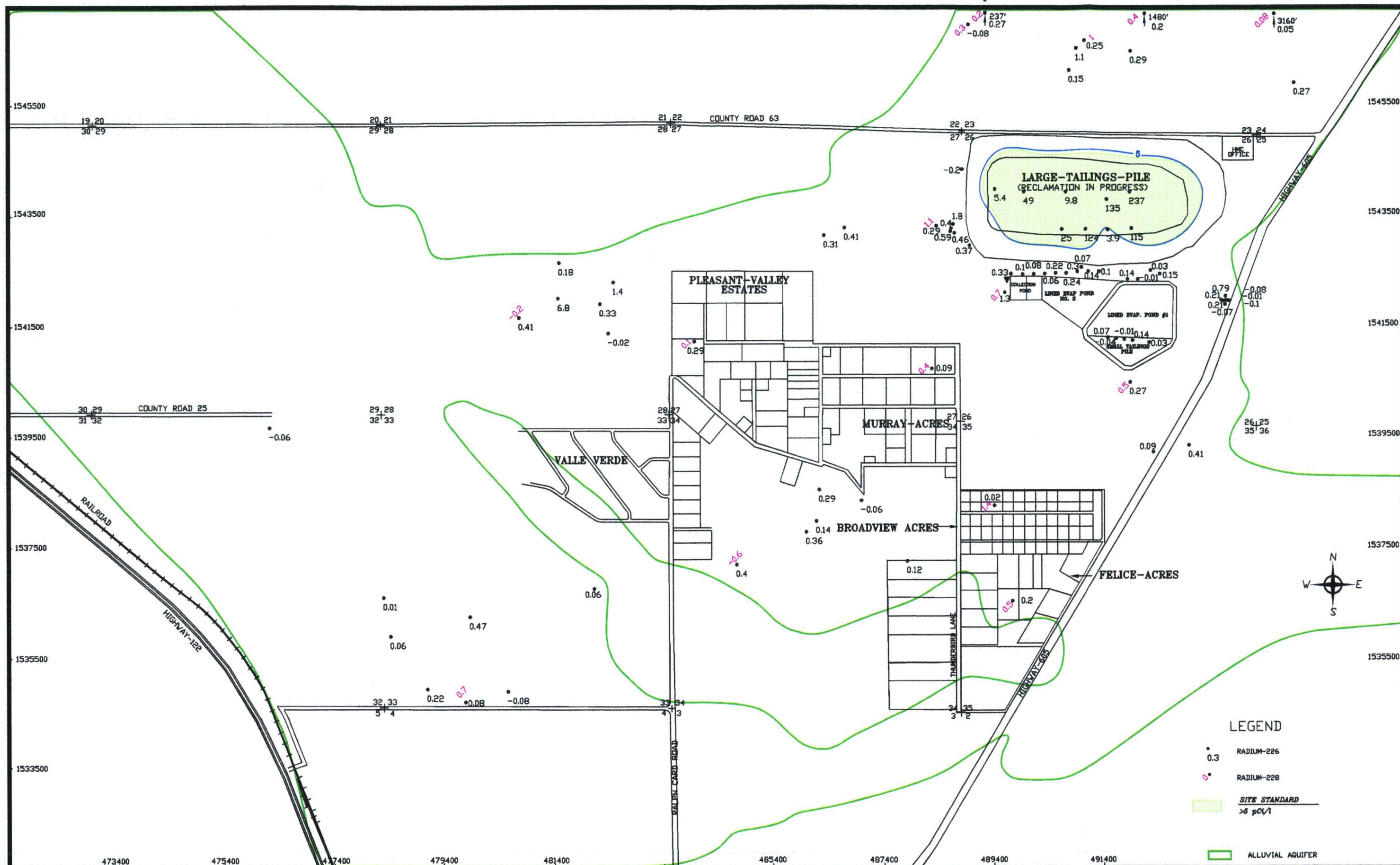
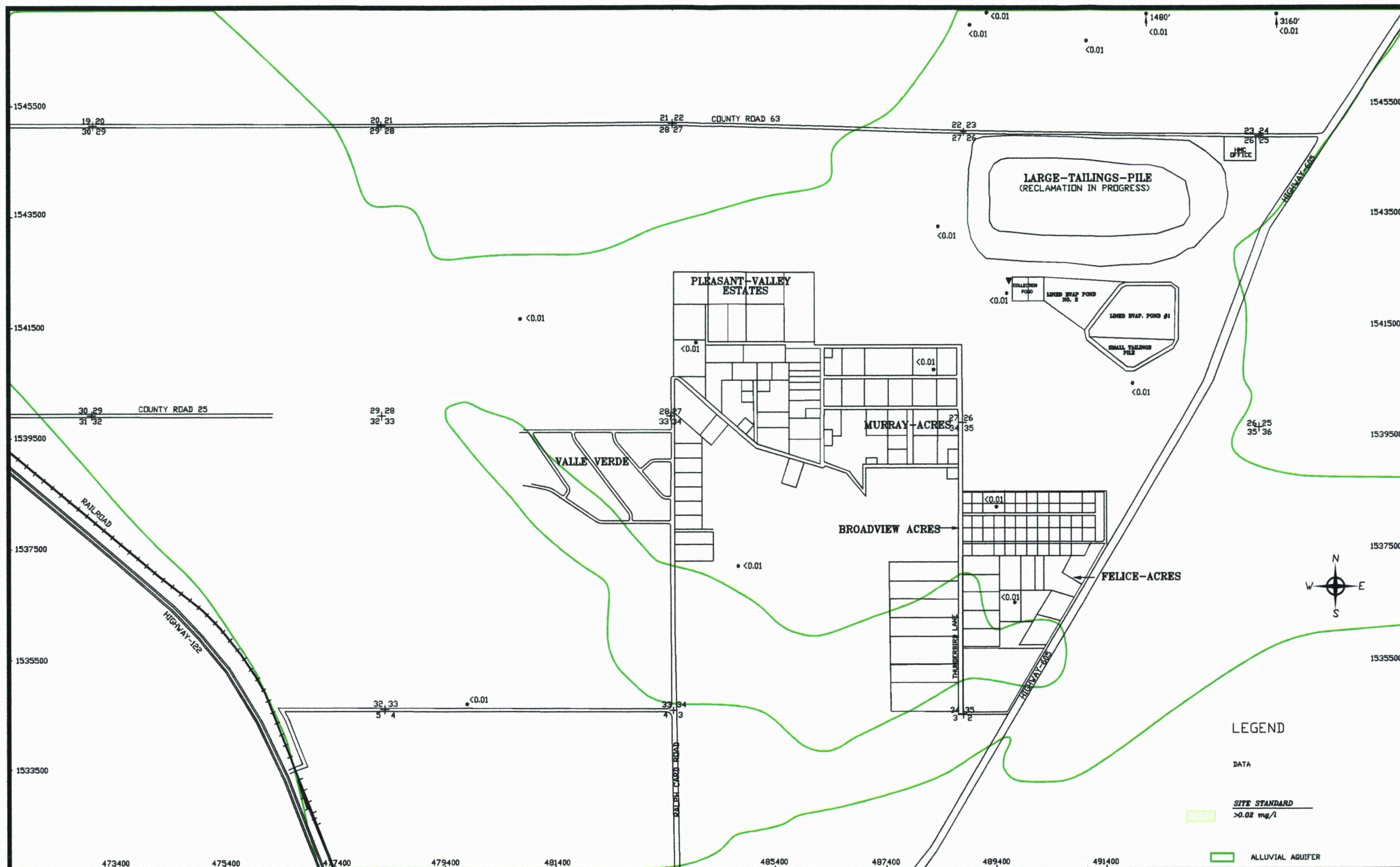


FIGURE 4.3-120. NITRATE CONCENTRATIONS FOR WELLS 554, 647, 649, 657, AND 658.



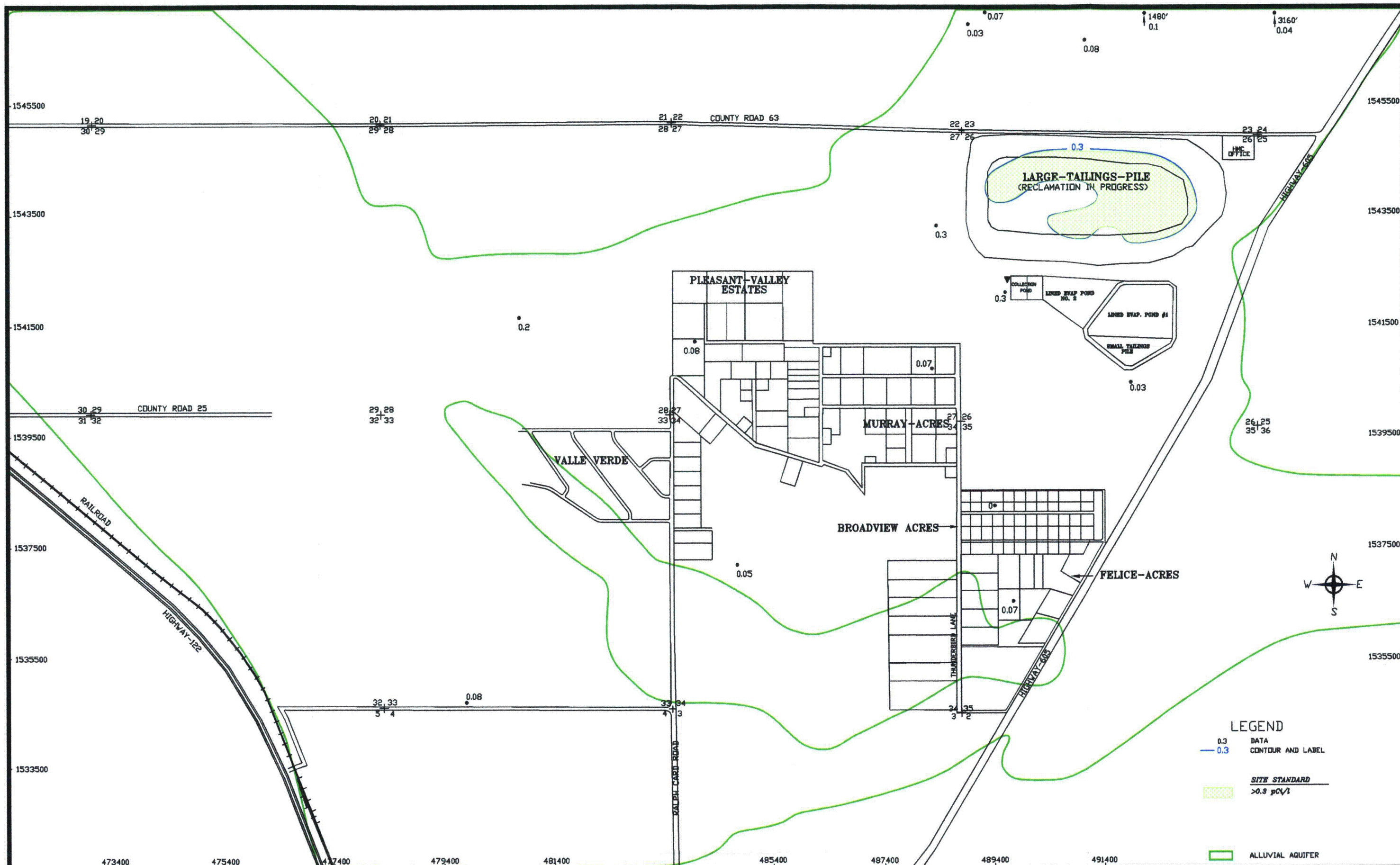
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FIGURE 4.3-121. RADIUM-226 AND RADIUM-228
 CONCENTRATIONS OF THE ALLUVIAL AQUIFER,
 2011, pCi/l



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FIGURE 4.3-122. VANADIUM CONCENTRATIONS OF THE ALLUVIAL AQUIFER, 2011, mg/l
 4.3-143



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FIGURE 4.3-123. THORIUM-230 CONCENTRATIONS OF THE ALLUVIAL AQUIFER, 2011, pCi/l