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Figure 2.4.12-226 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, October 5, 2008 (Sheet 1 of 2) High Tide



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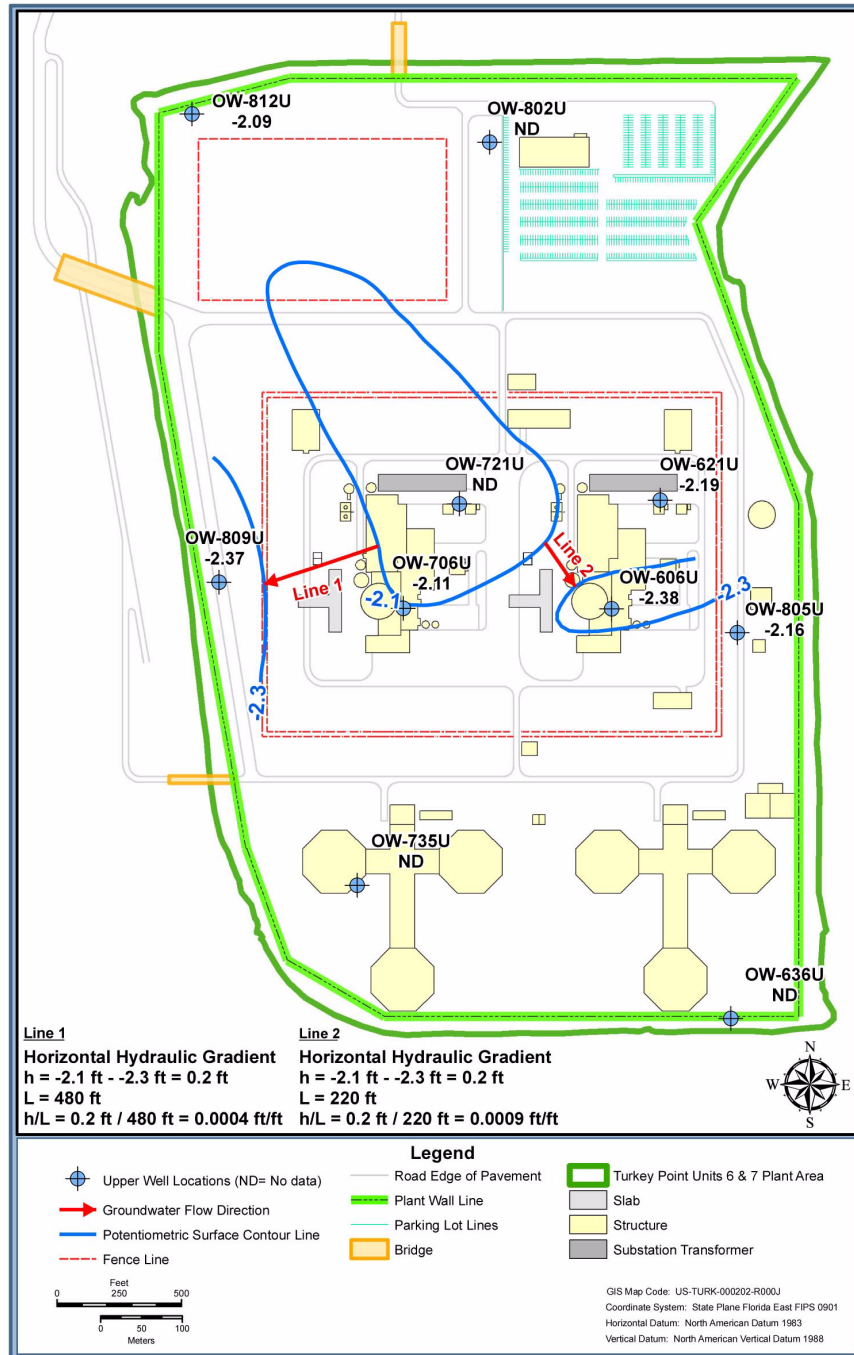
Figure 2.4.12-226 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, October 5, 2008 (Sheet 2 of 2) Low Tide



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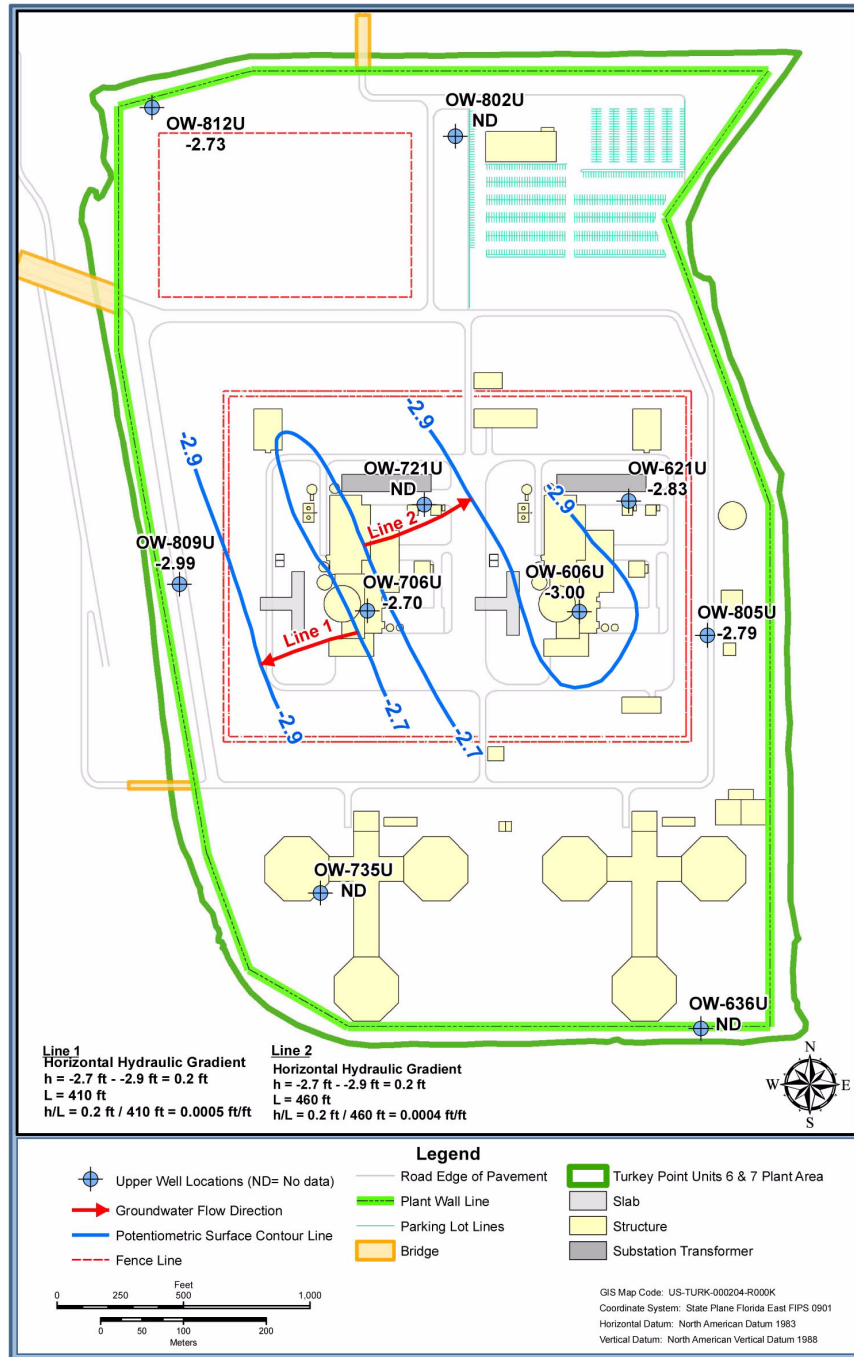
Figure 2.4.12-227 Biscayne Aquifer Potentiometric Surface Map, Upper Monitoring Interval, January 20-21, 2009 (Sheet 1 of 2) High Tide



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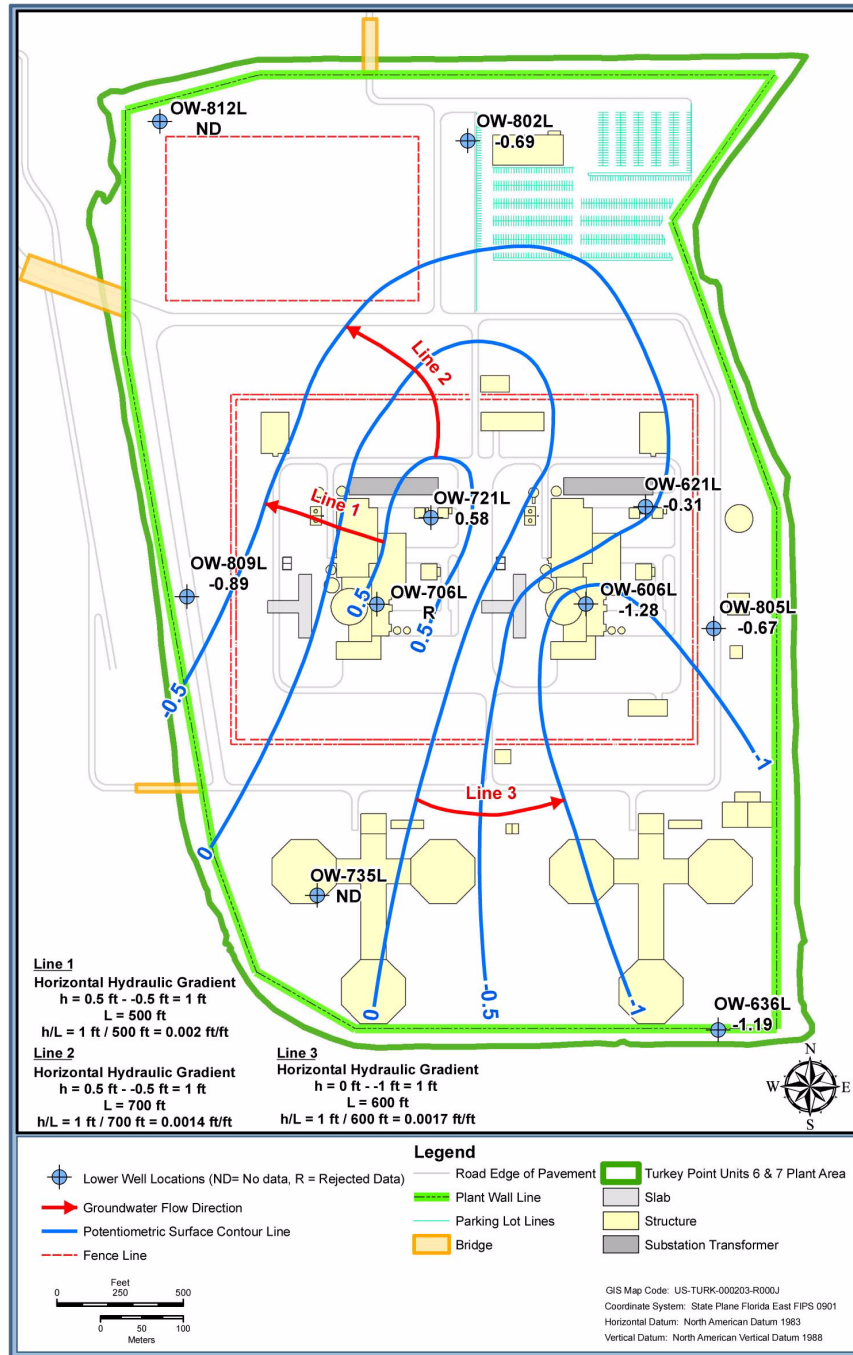
Figure 2.4.12-227 Biscayne Aquifer Potentiometric Surface Map, Upper Monitoring Interval, January 20-21, 2009 (Sheet 2 of 2) Low Tide



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PTN COL 2.4-4

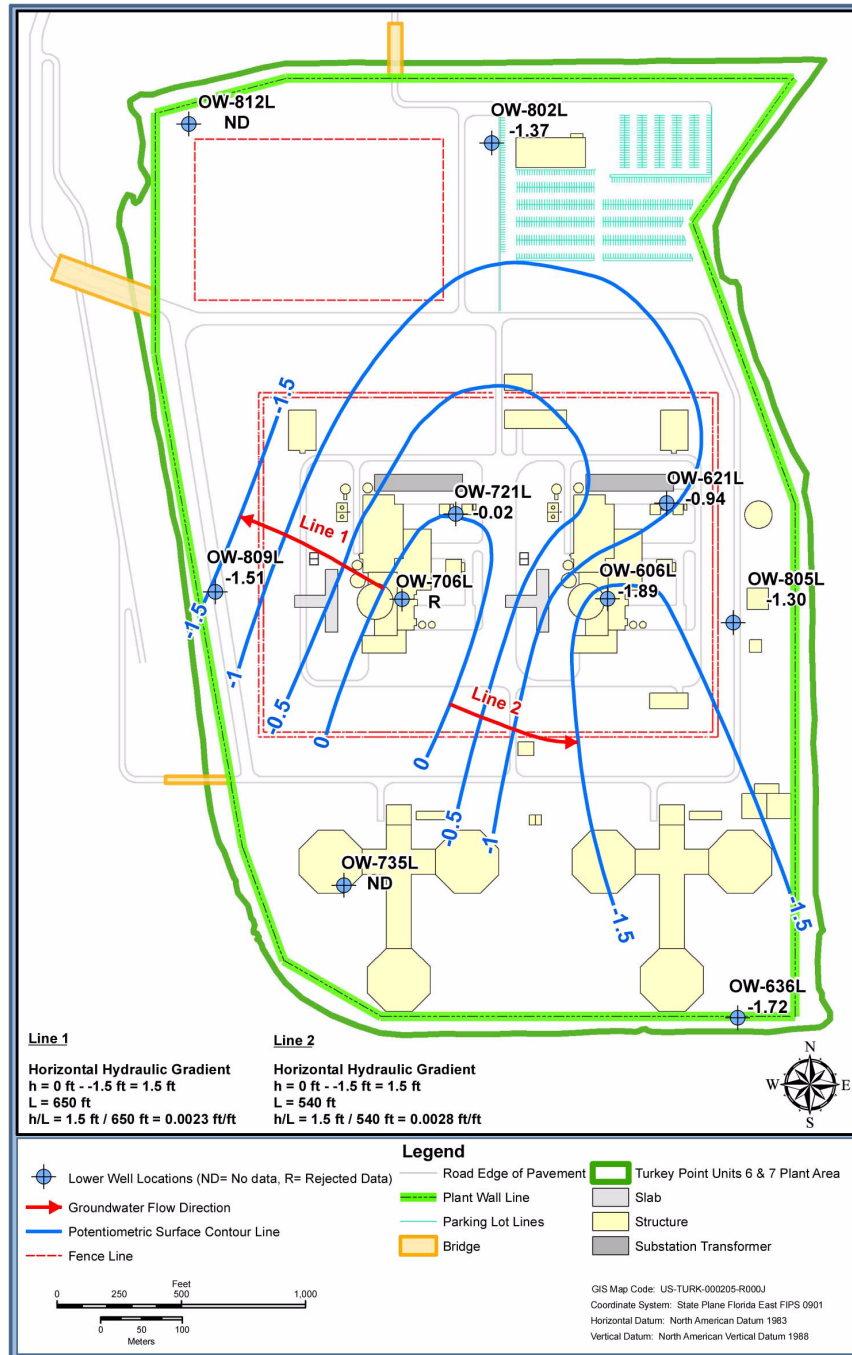
Figure 2.4.12-228 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, January 20-21, 2009 (Sheet 1 of 2) High Tide



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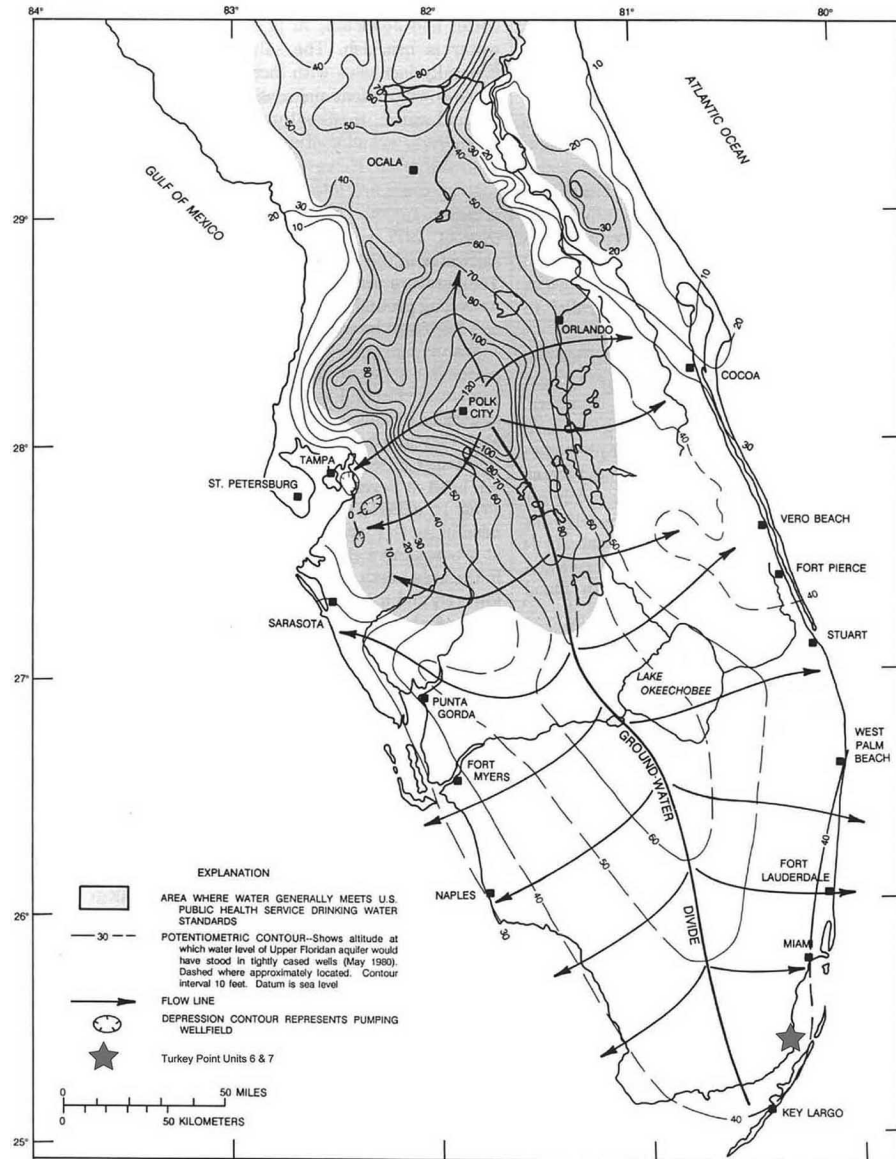
Figure 2.4.12-228 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, January 20-21, 2009 (Sheet 2 of 2) Low Tide



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Figure 2.4.12-229 May 1980 Upper Floridan Aquifer Potentiometric Surface Map

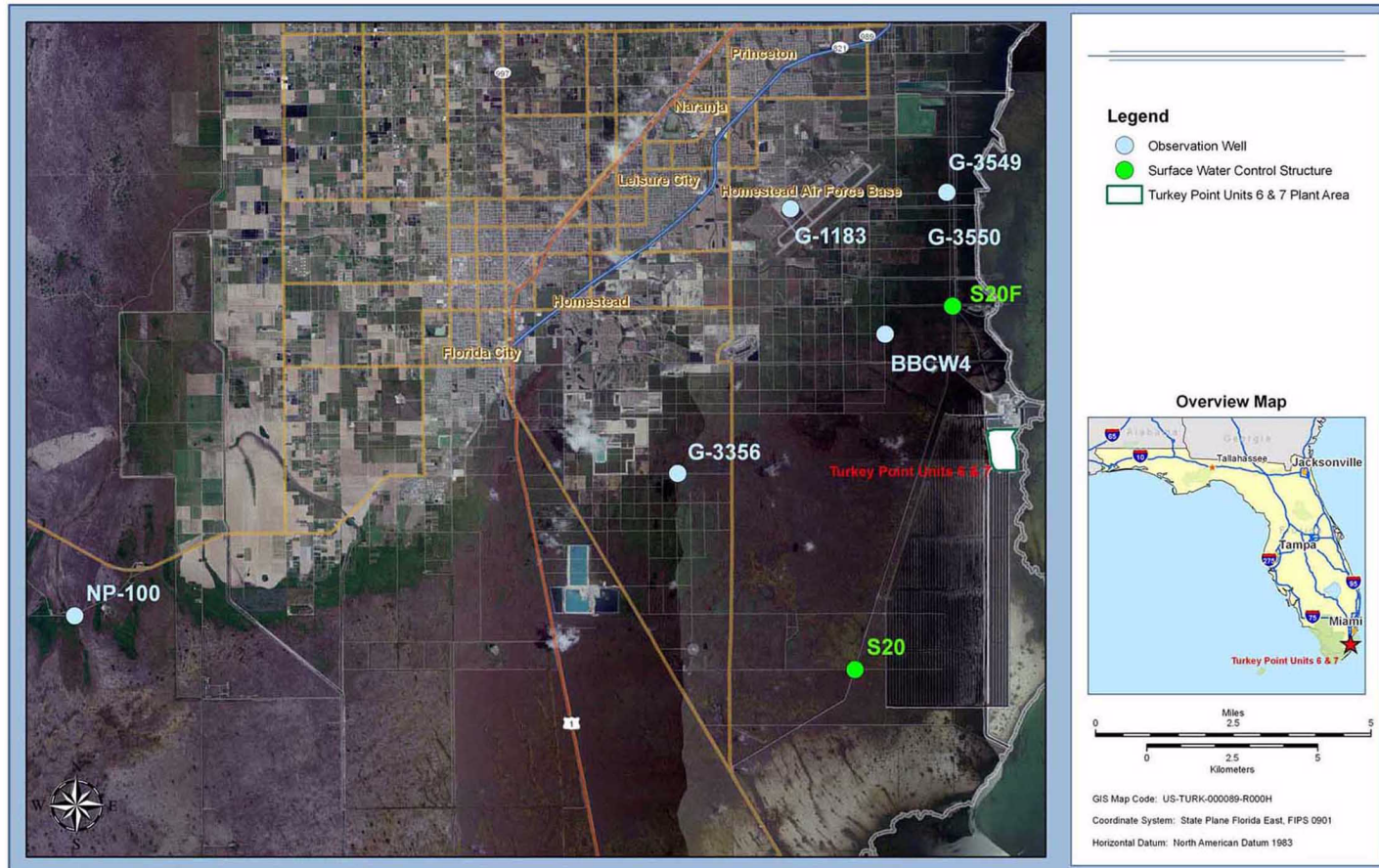


Modified from Reference 215

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PTN COL 2.4-4

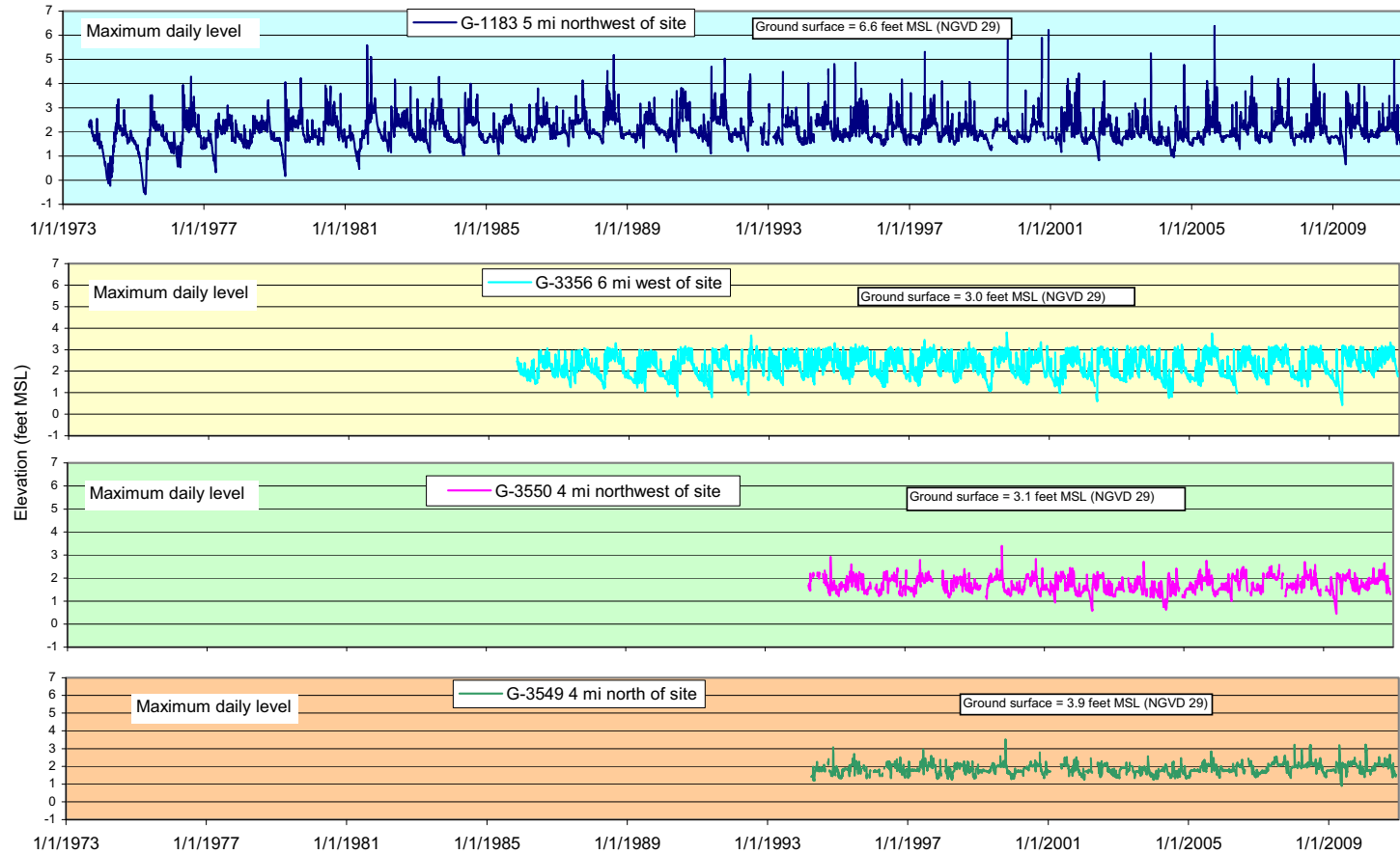
Figure 2.4.12-230 Observation Wells and Surface Water Monitoring Locations in the Turkey Point Vicinity



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Figure 2.4.12-231 Hydrographs of U.S. Geological Survey Wells in the Biscayne Aquifer

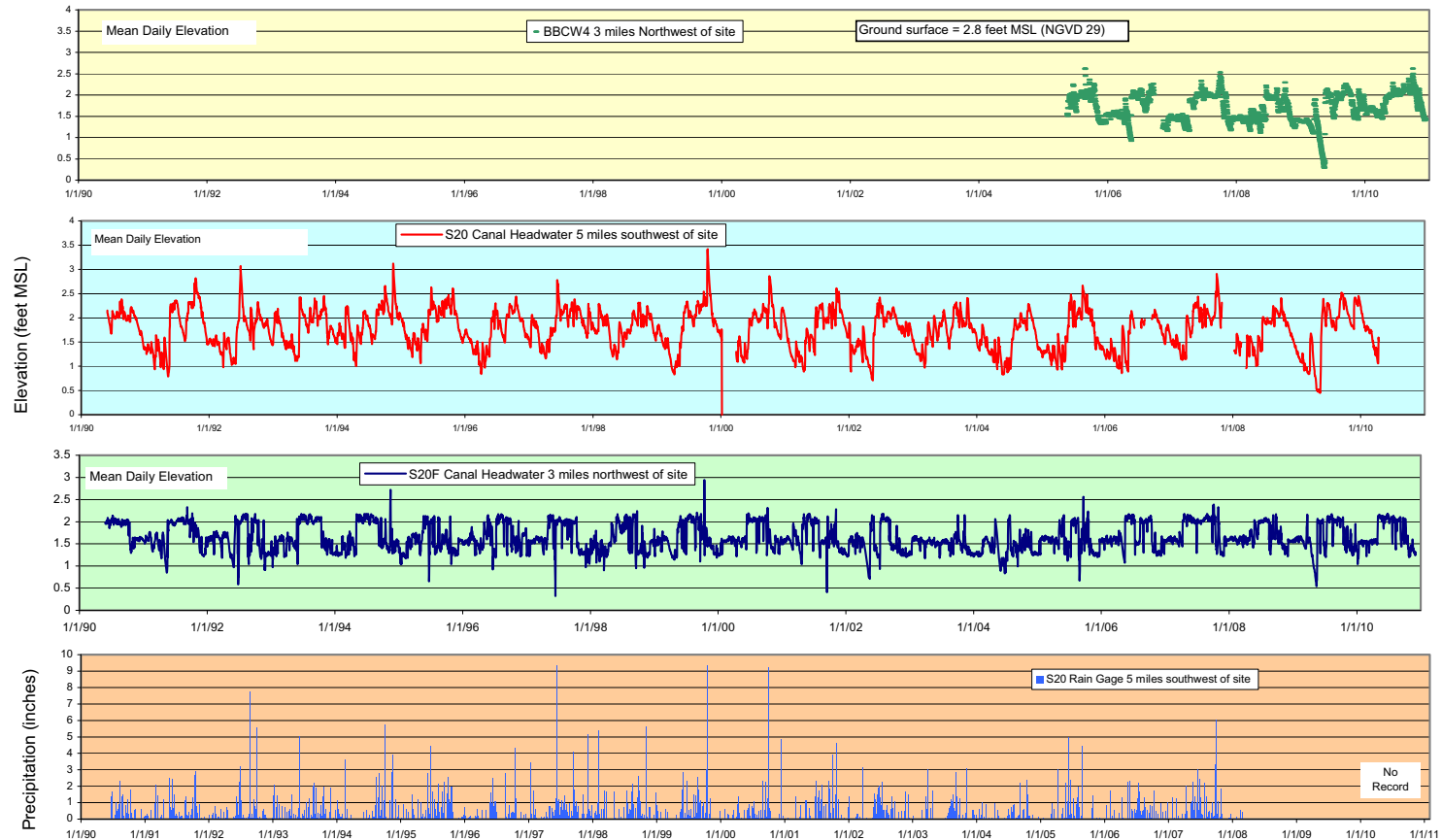


Source: Reference 232

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PTN COL 2.4-4

Figure 2.4.12-232 Hydrographs of South Florida Water Management District Well and Canal Levels and Precipitation

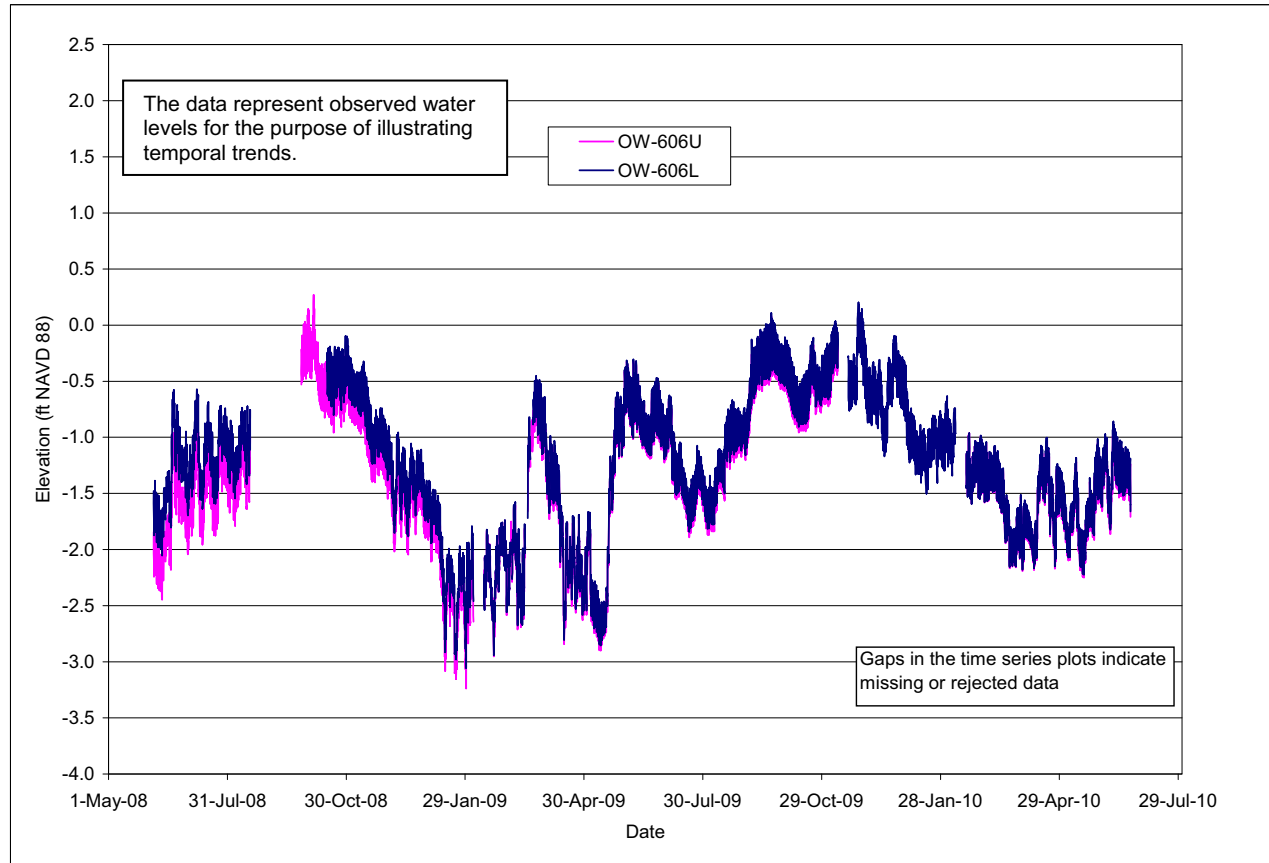


Source: Reference 233

Turkey Point Units 6 & 7
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PTN COL 2.4-4

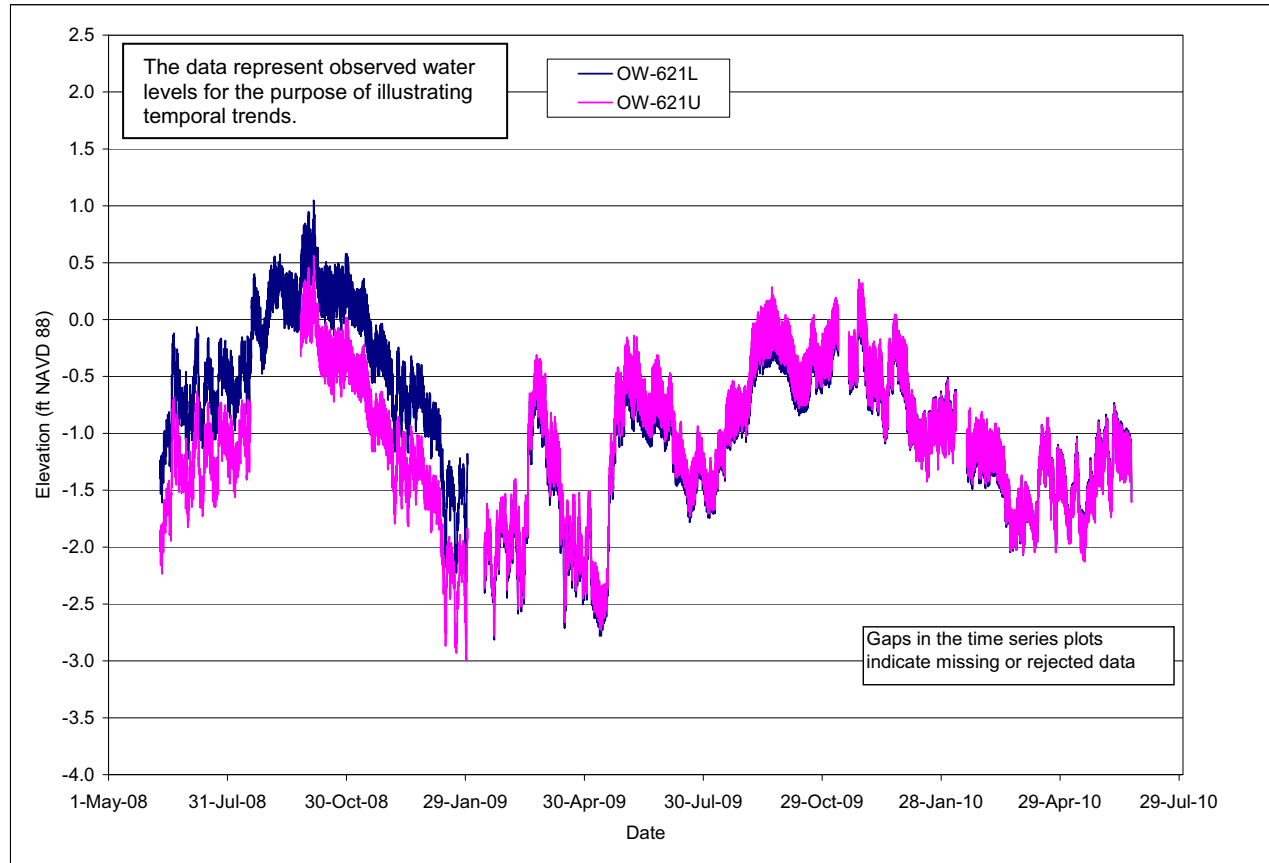
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 1 of 11)



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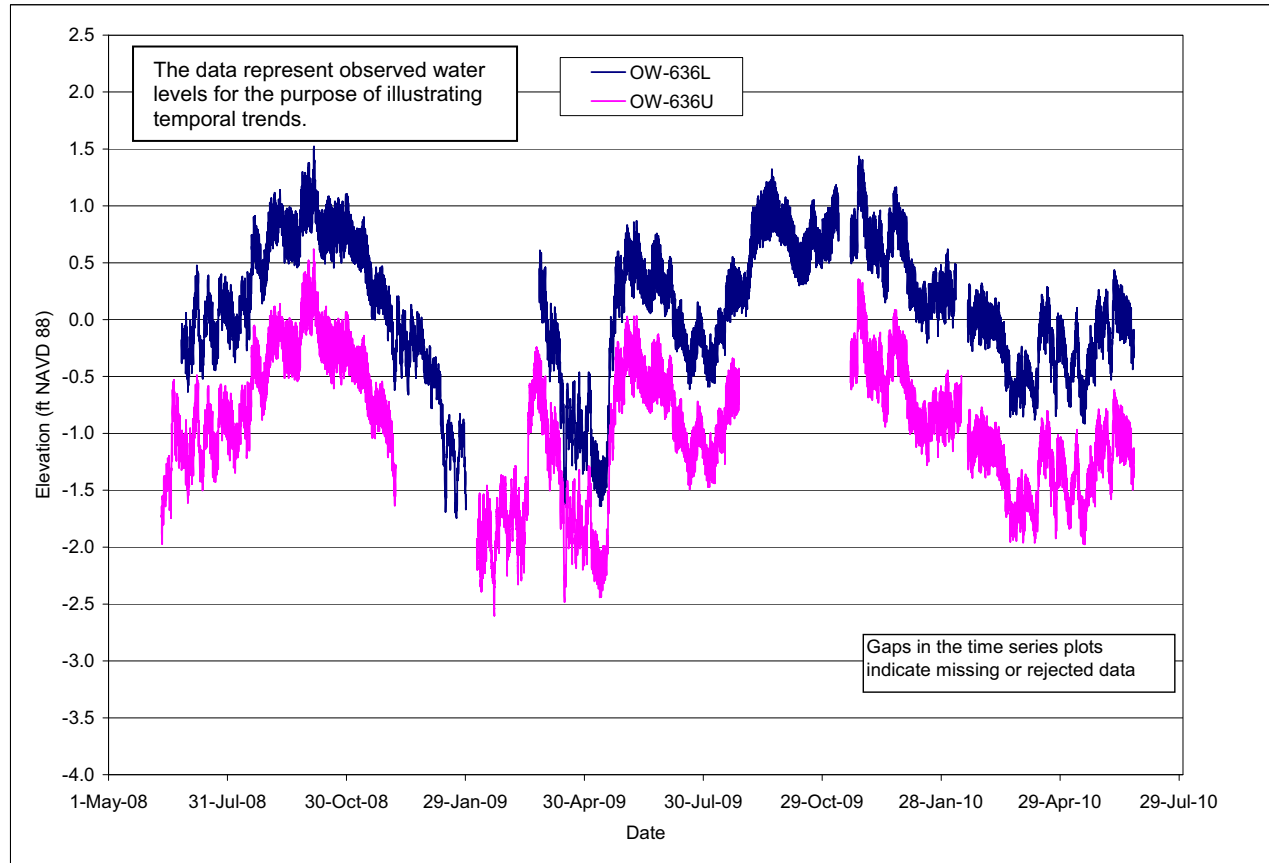
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 2 of 11)



Turkey Point Units 6 & 7
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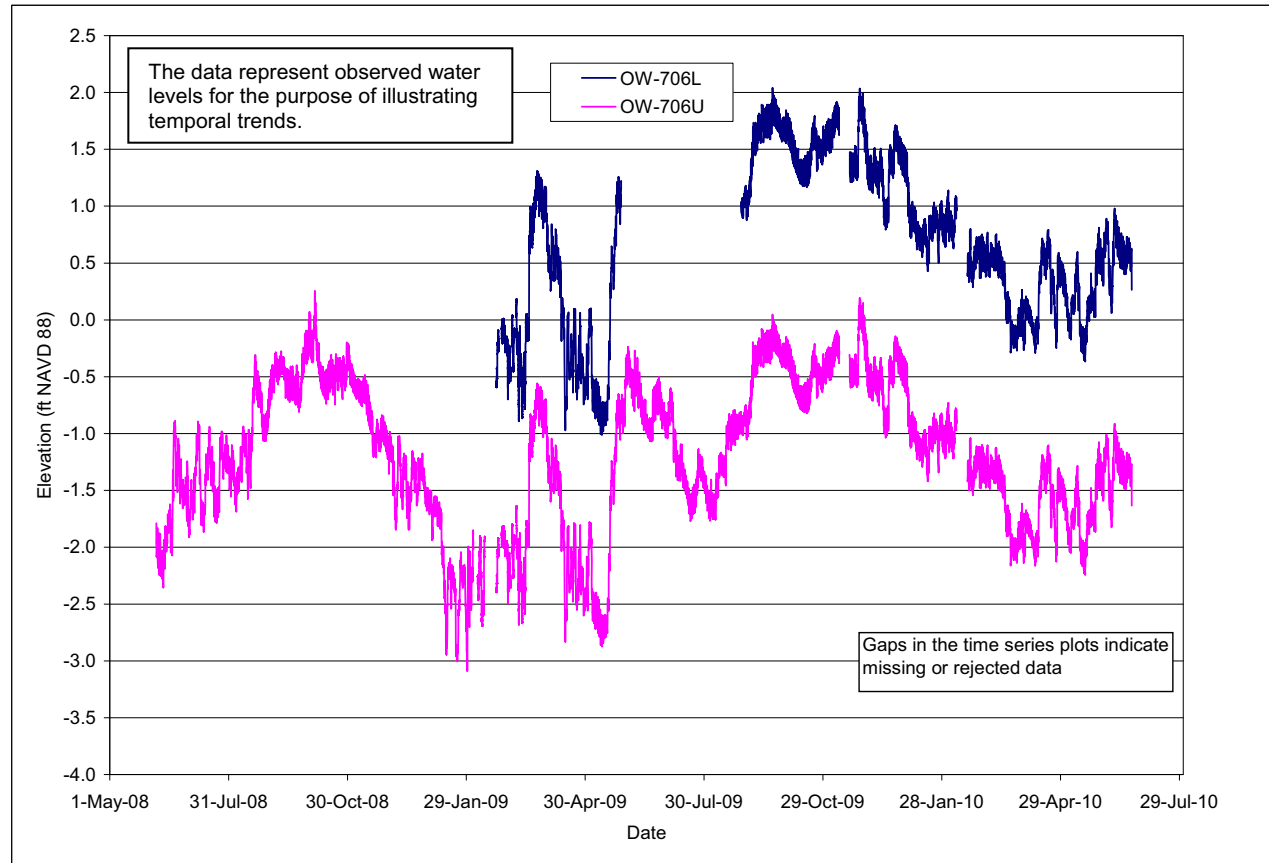
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 3 of 11)



Turkey Point Units 6 & 7
COL Application
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PTN COL 2.4-4

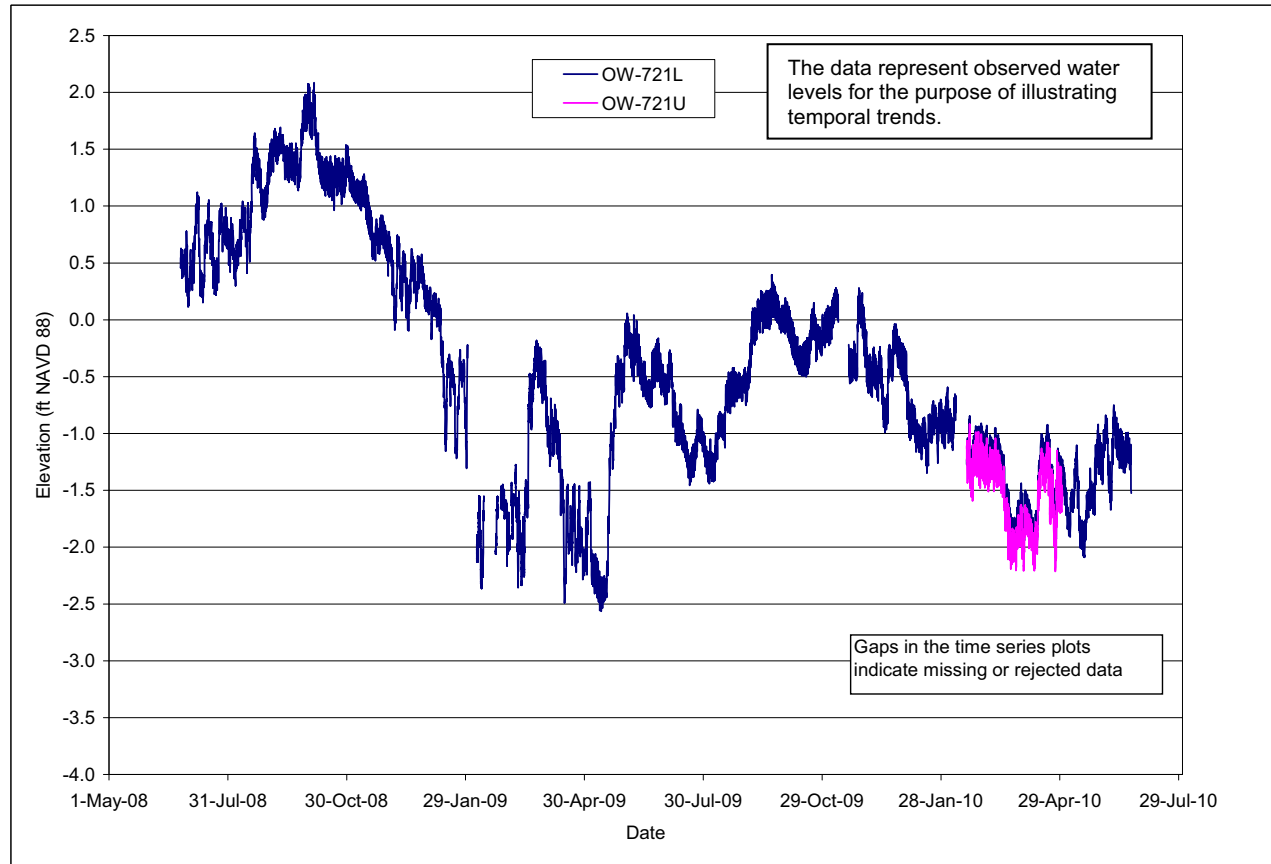
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 4 of 11)



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PTN COL 2.4-4

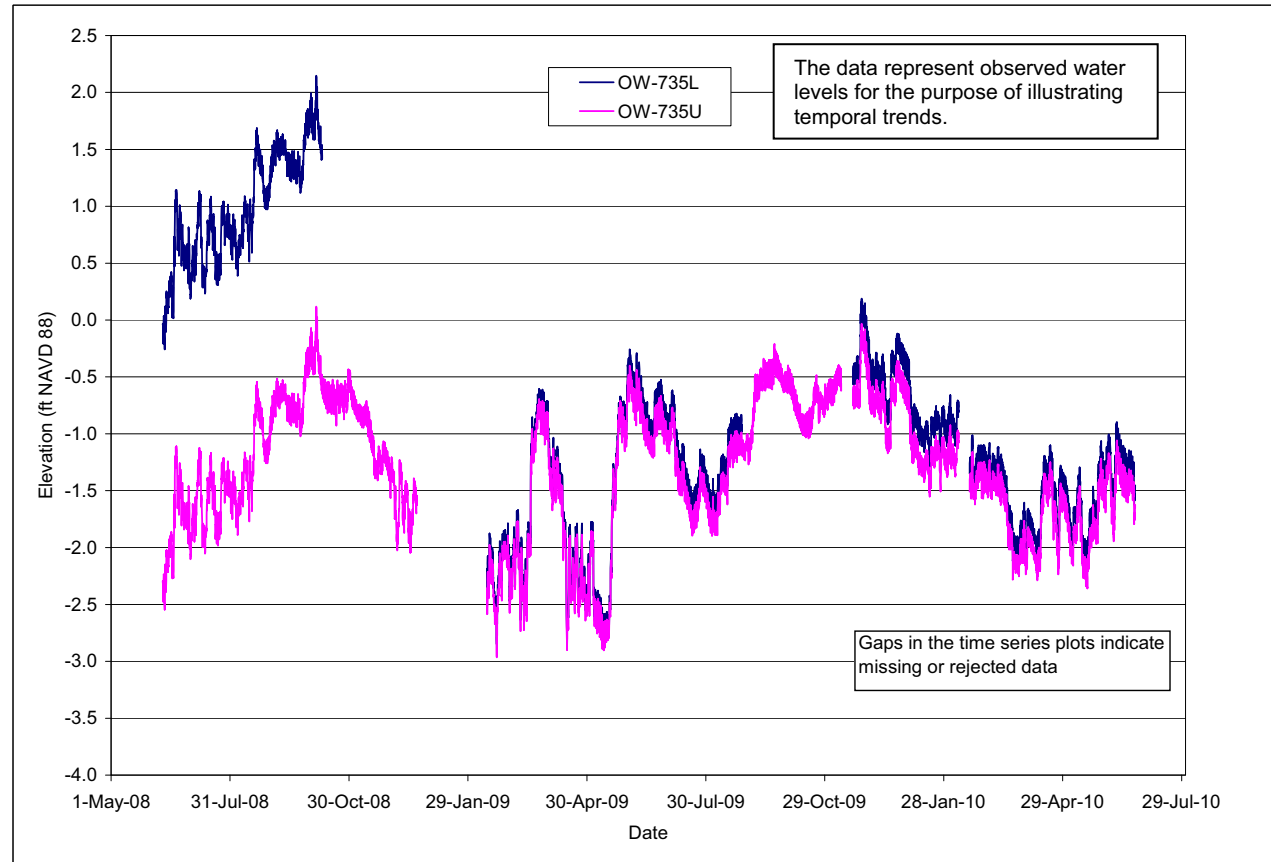
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 5 of 11)



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PTN COL 2.4-4

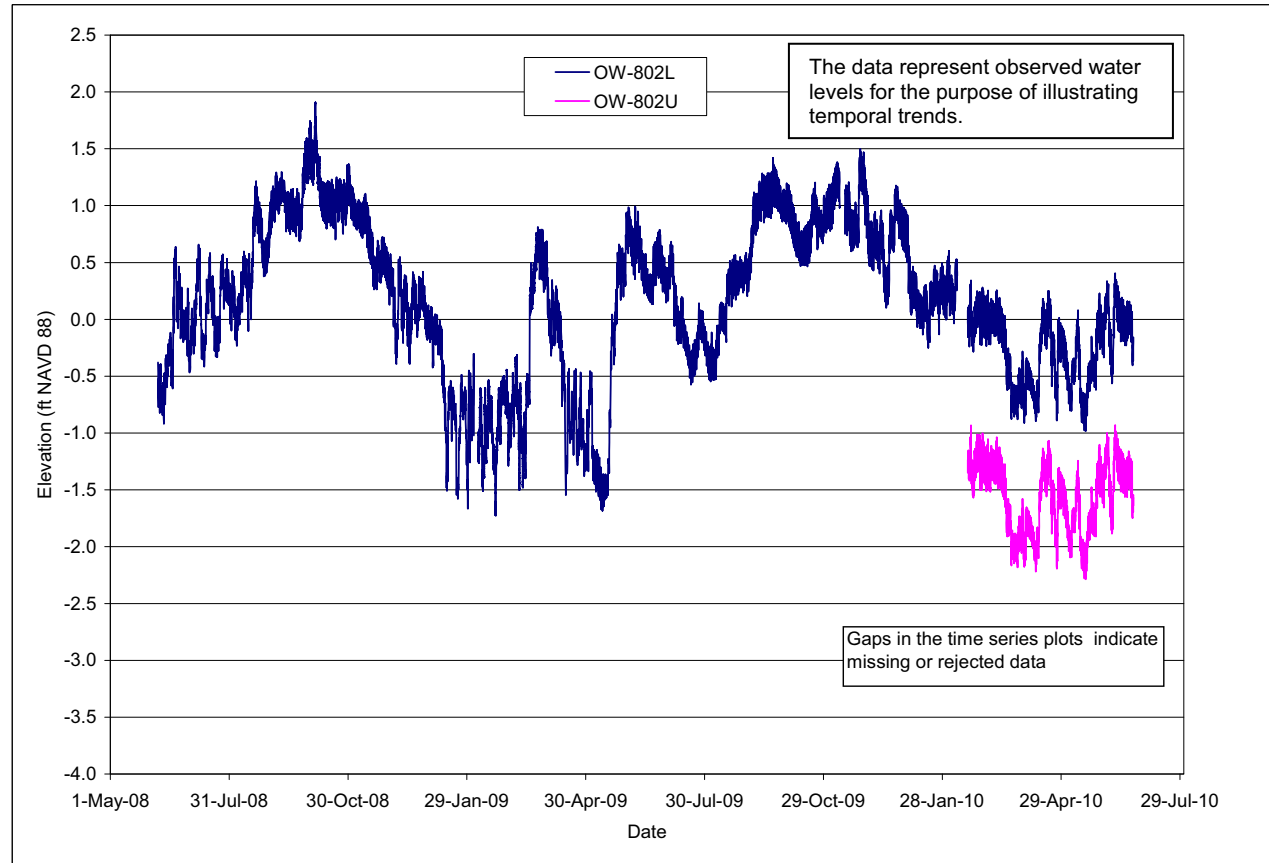
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 6 of 11)



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COL Application
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PTN COL 2.4-4

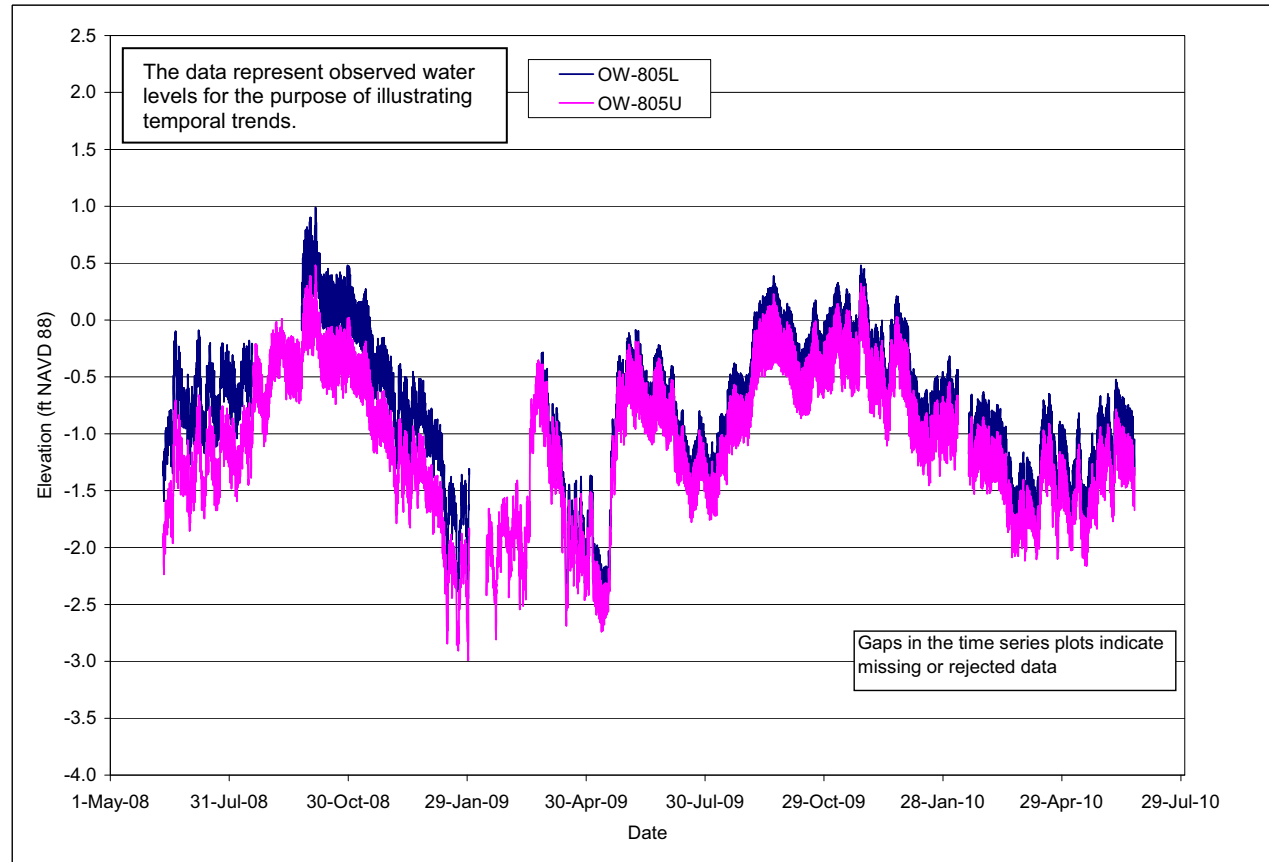
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 7 of 11)



Turkey Point Units 6 & 7
COL Application
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PTN COL 2.4-4

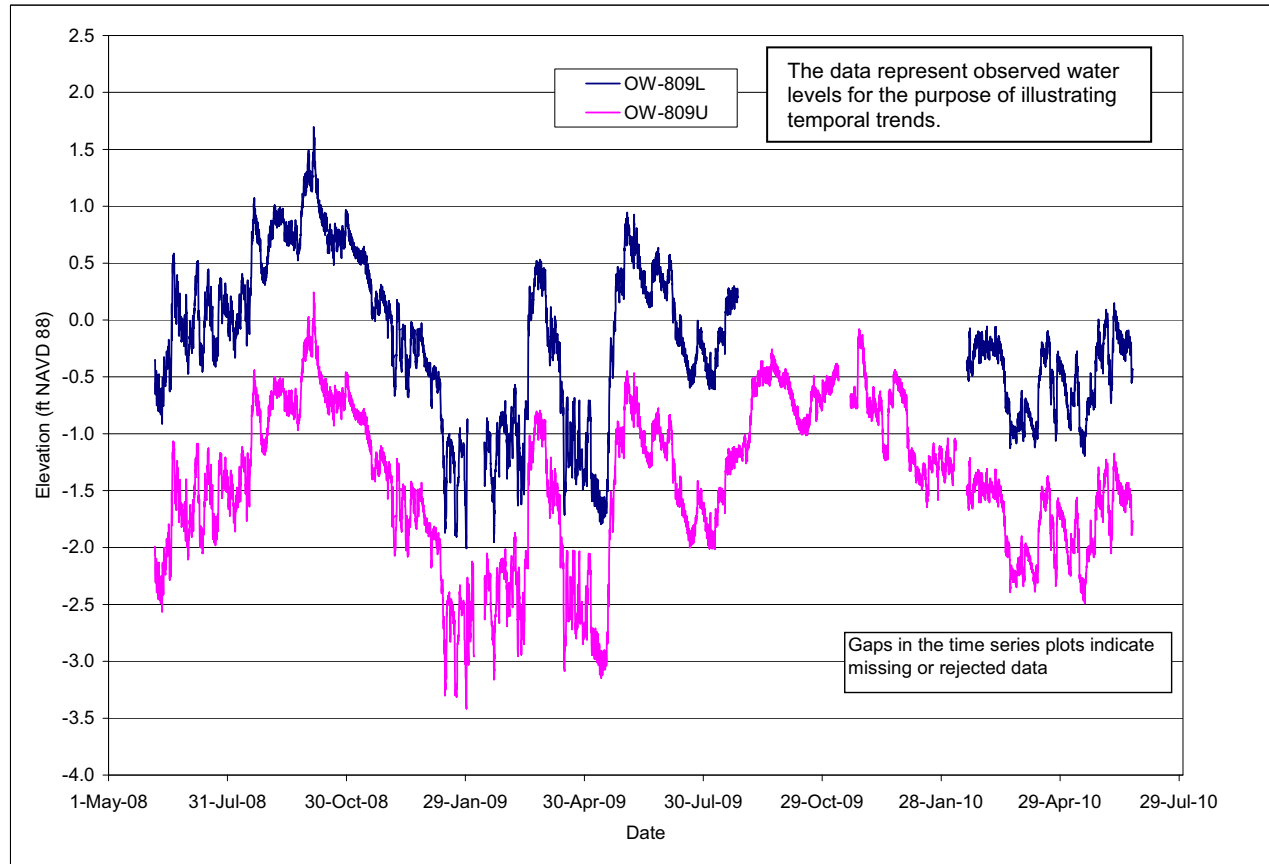
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 8 of 11)



Turkey Point Units 6 & 7
COL Application
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PTN COL 2.4-4

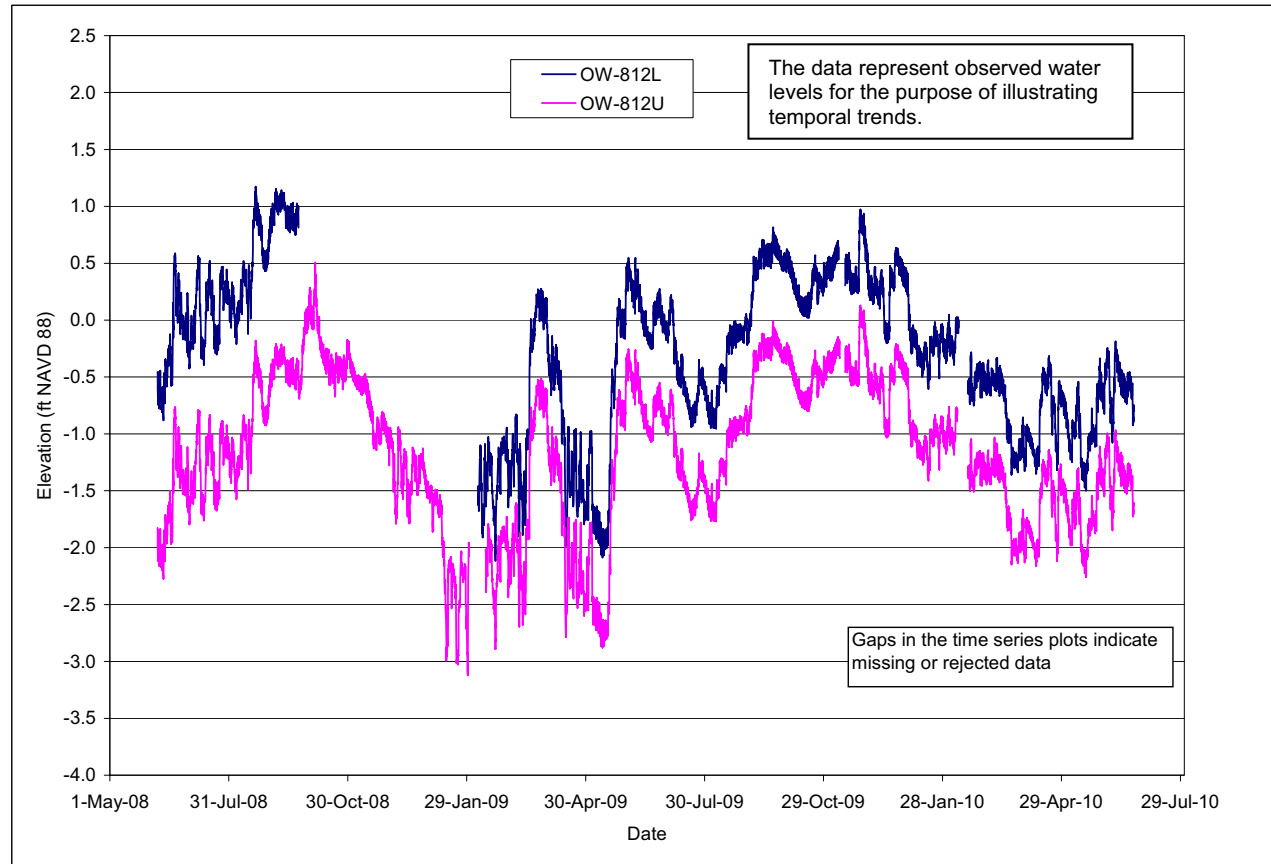
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 9 of 11)



Turkey Point Units 6 & 7
COL Application
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PTN COL 2.4-4

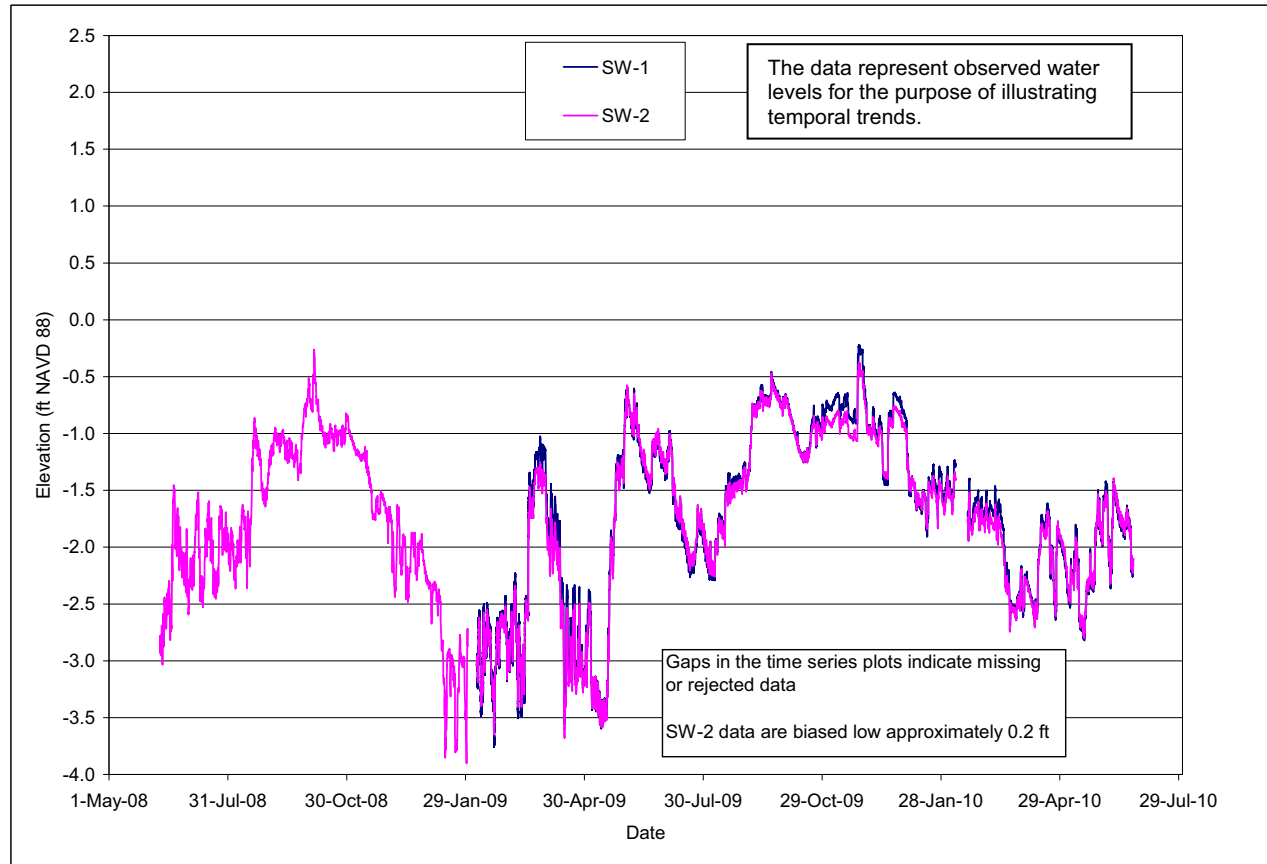
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 10 of 11)



Turkey Point Units 6 & 7
COL Application
Part 2 — FSAR

PTN COL 2.4-4

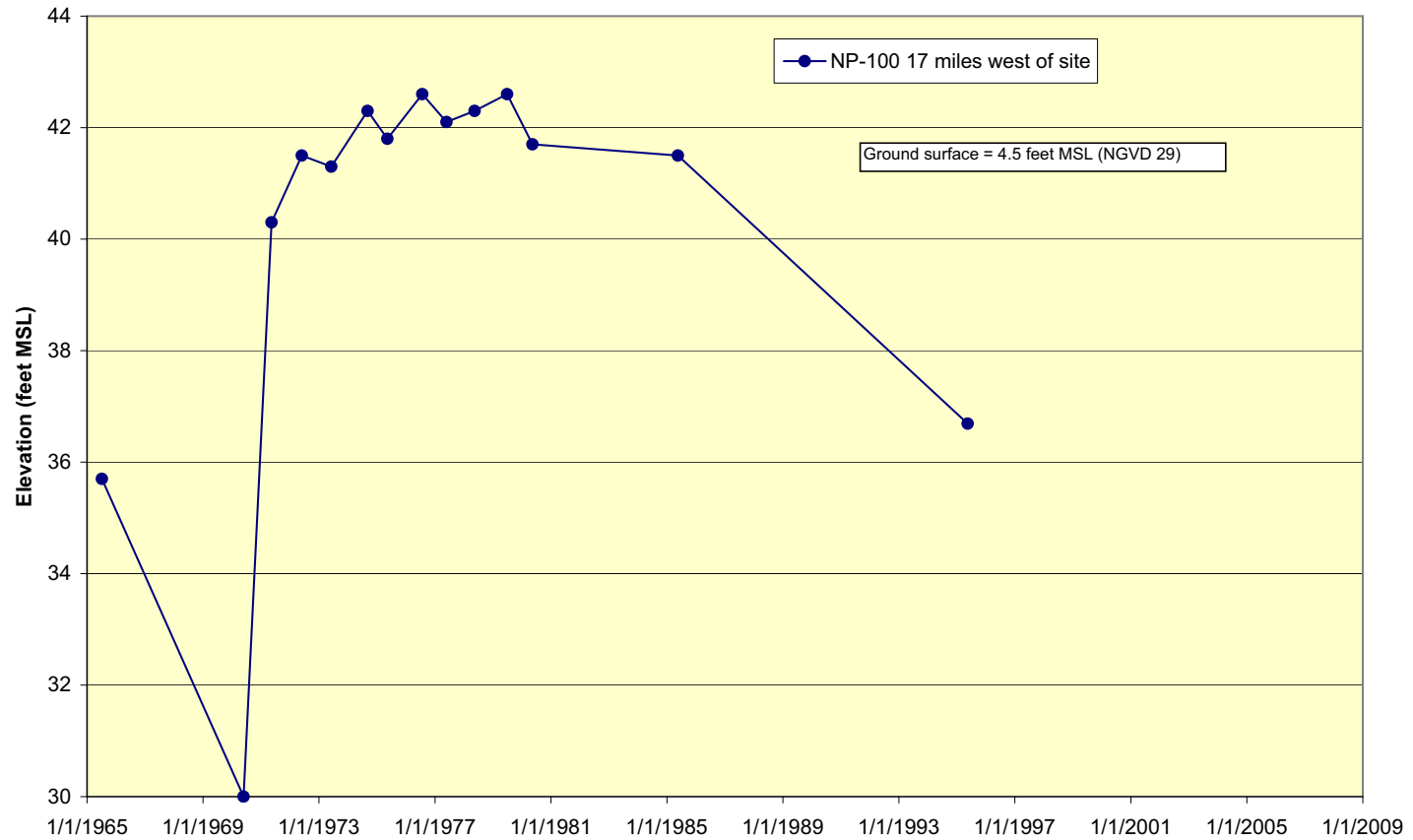
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 11 of 11)



Turkey Point Units 6 & 7
COL Application
Part 2 — FSAR

PTN COL 2.4-4

Figure 2.4.12-234 Hydrograph of U.S. Geological Survey Well in the Upper Floridan Aquifer

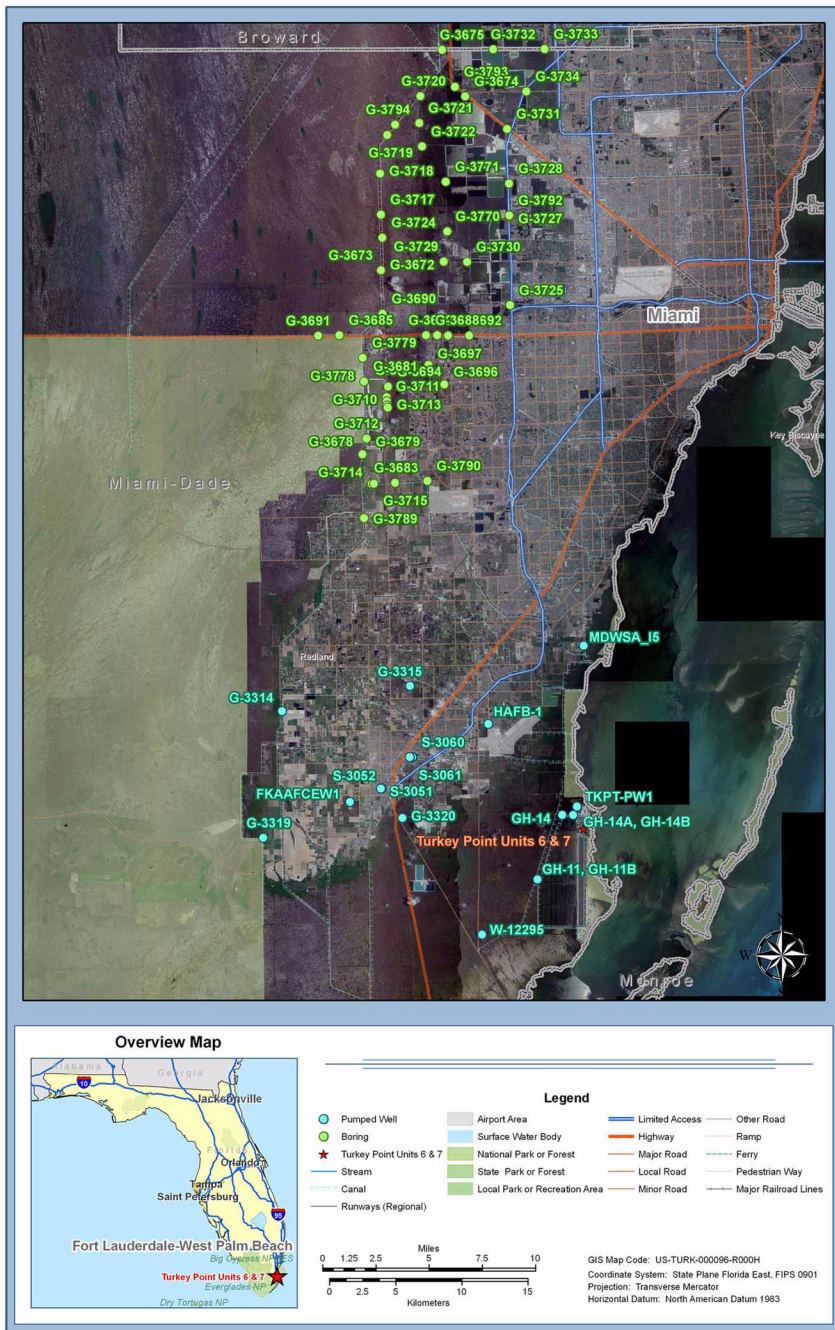


Source: Reference 234

Turkey Point Units 6 & 7
COL Application
Part 2 — FSAR

PTN COL 2.4-4

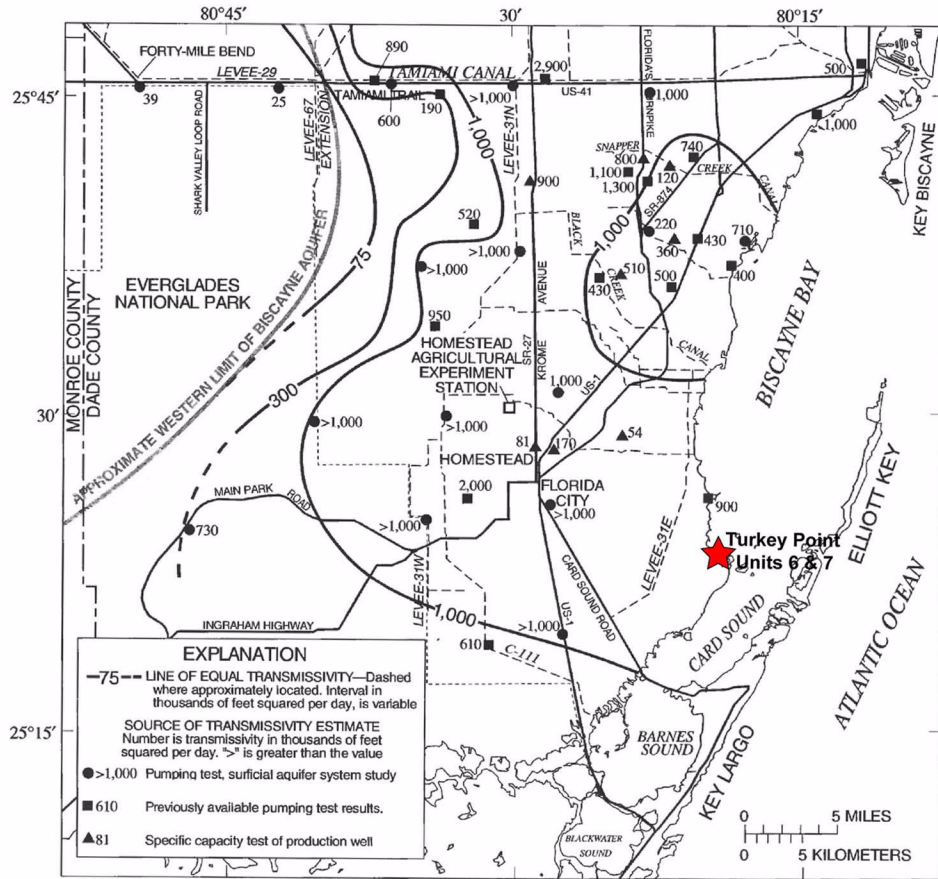
Figure 2.4.12-235 Regional Aquifer Test Locations



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Figure 2.4.12-236 Biscayne Aquifer Regional Transmissivity

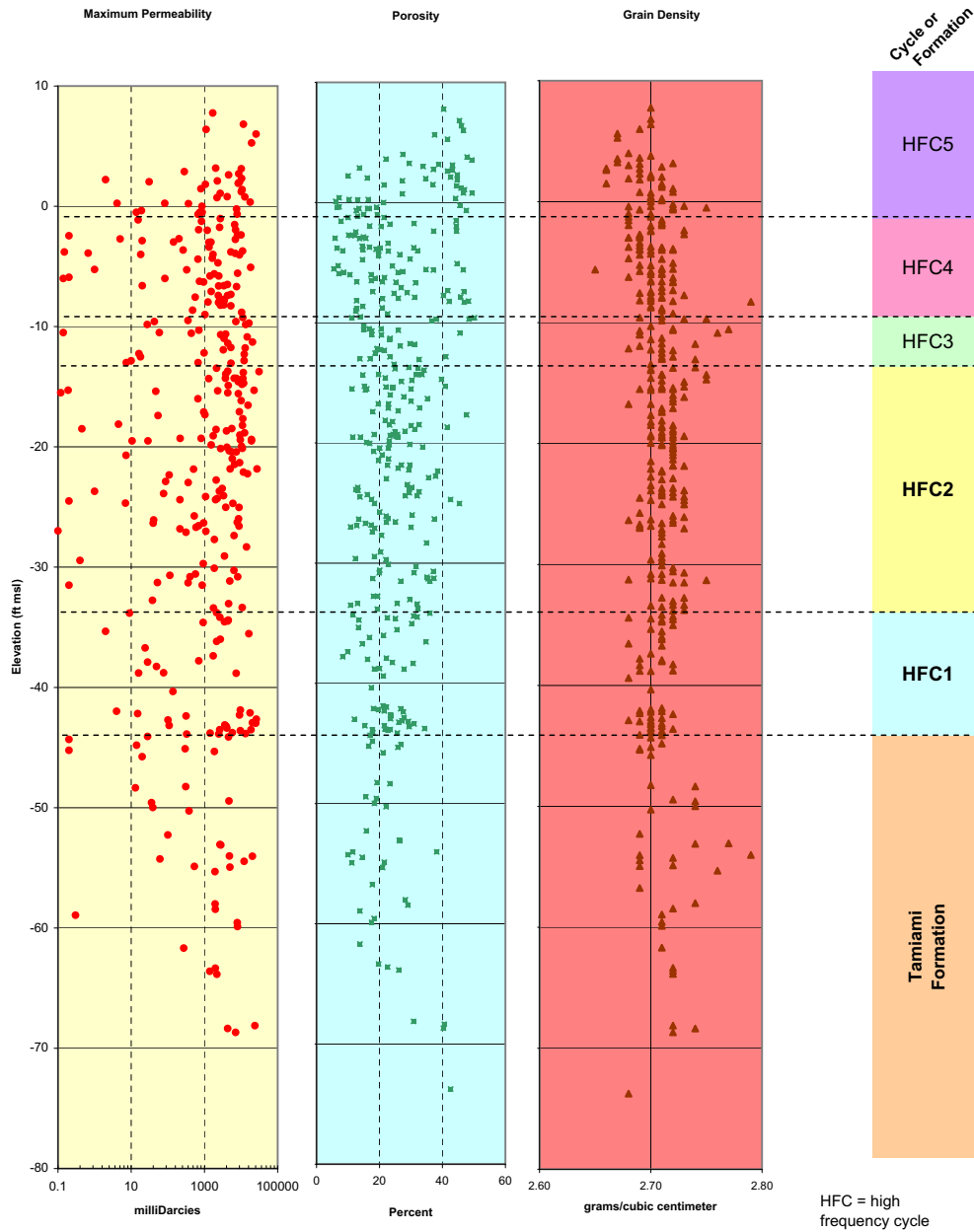


Modified from Reference 240

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Figure 2.4.12-237 Formation Properties from Rock Core Testing

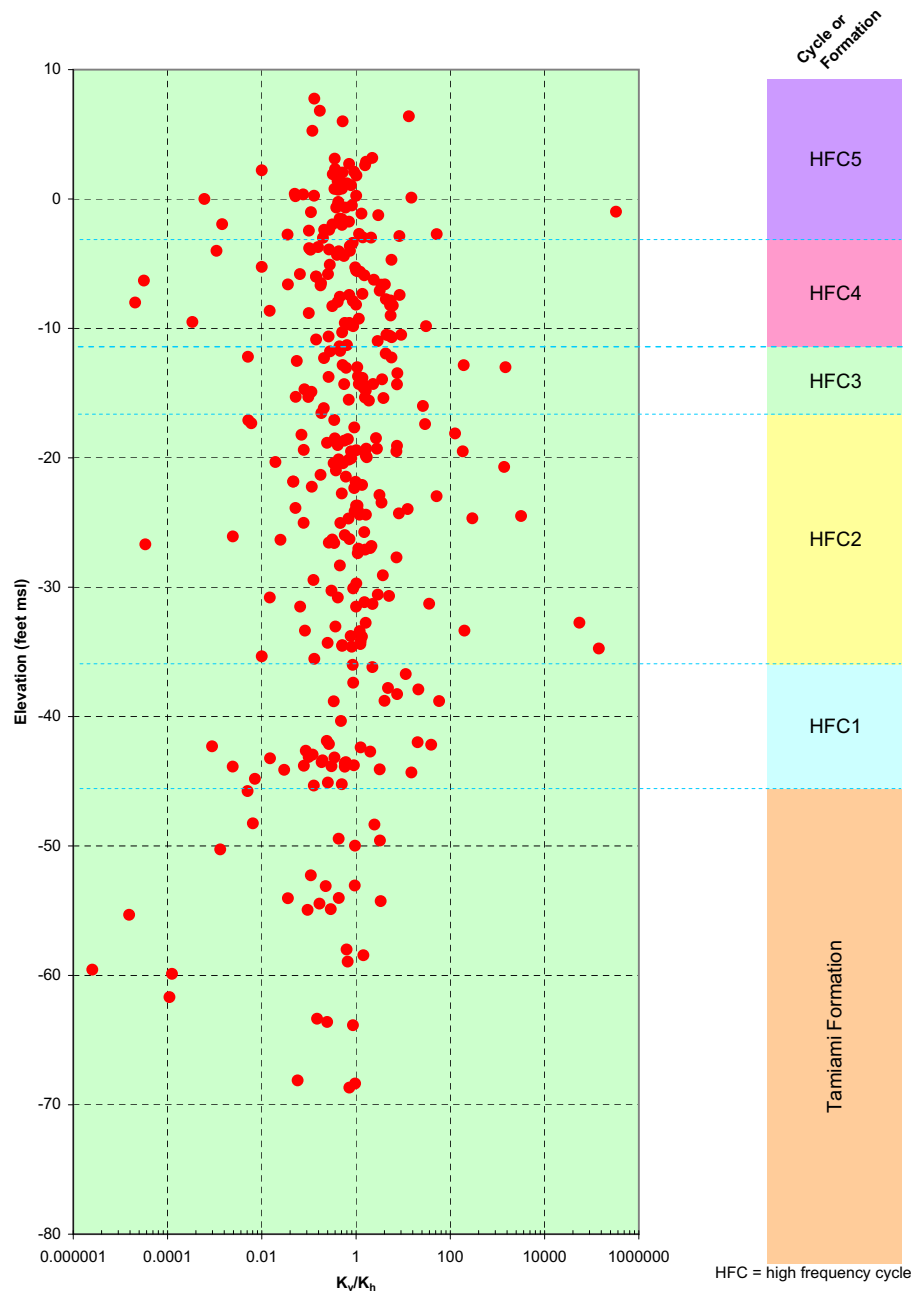


Source: [Table 2.4.12-207](#)

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Figure 2.4.12-238 Vertical Anisotropy Ratio from Rock Core Testing

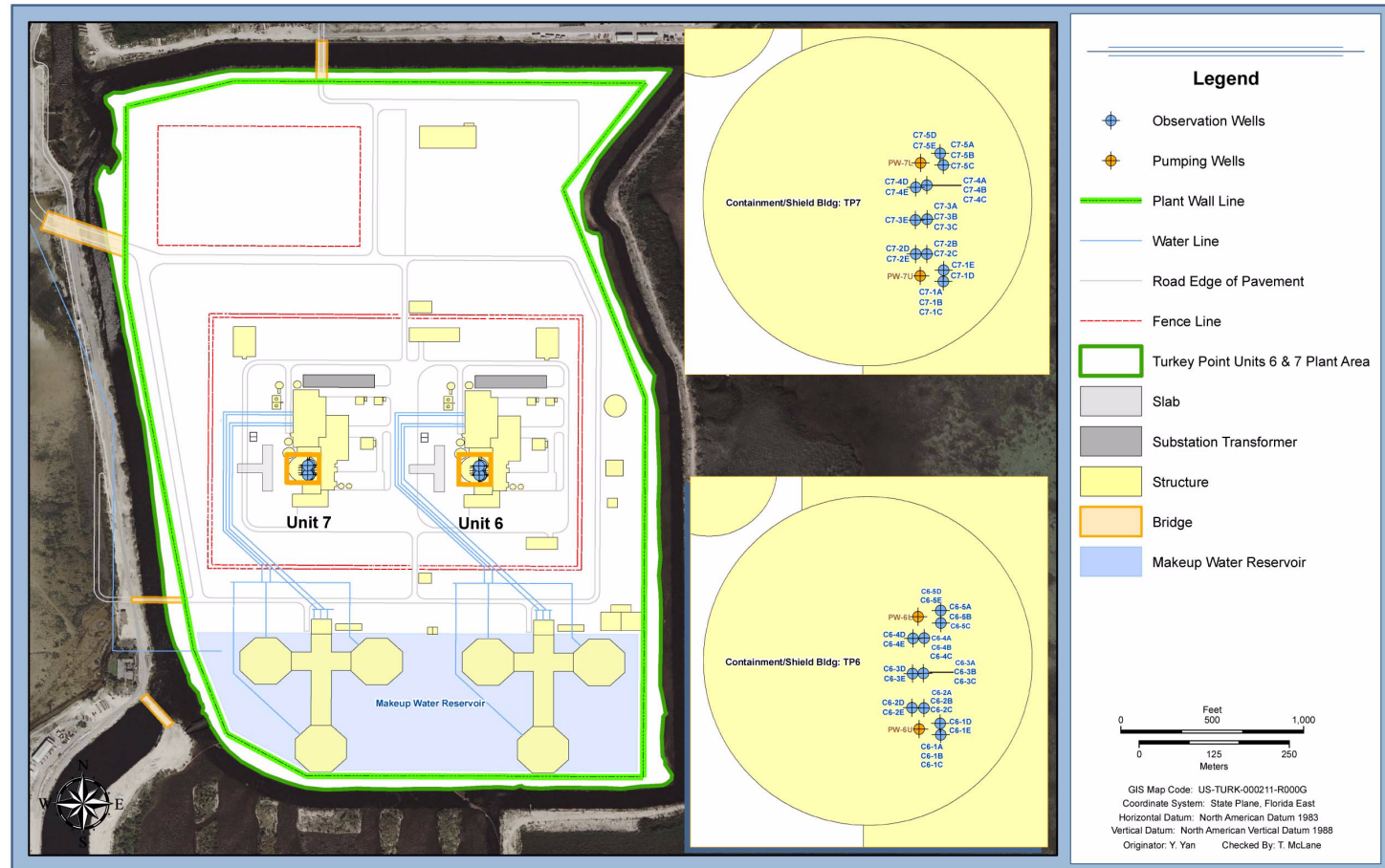


Source: [Table 2.4.12-207](#)

Turkey Point Units 6 & 7
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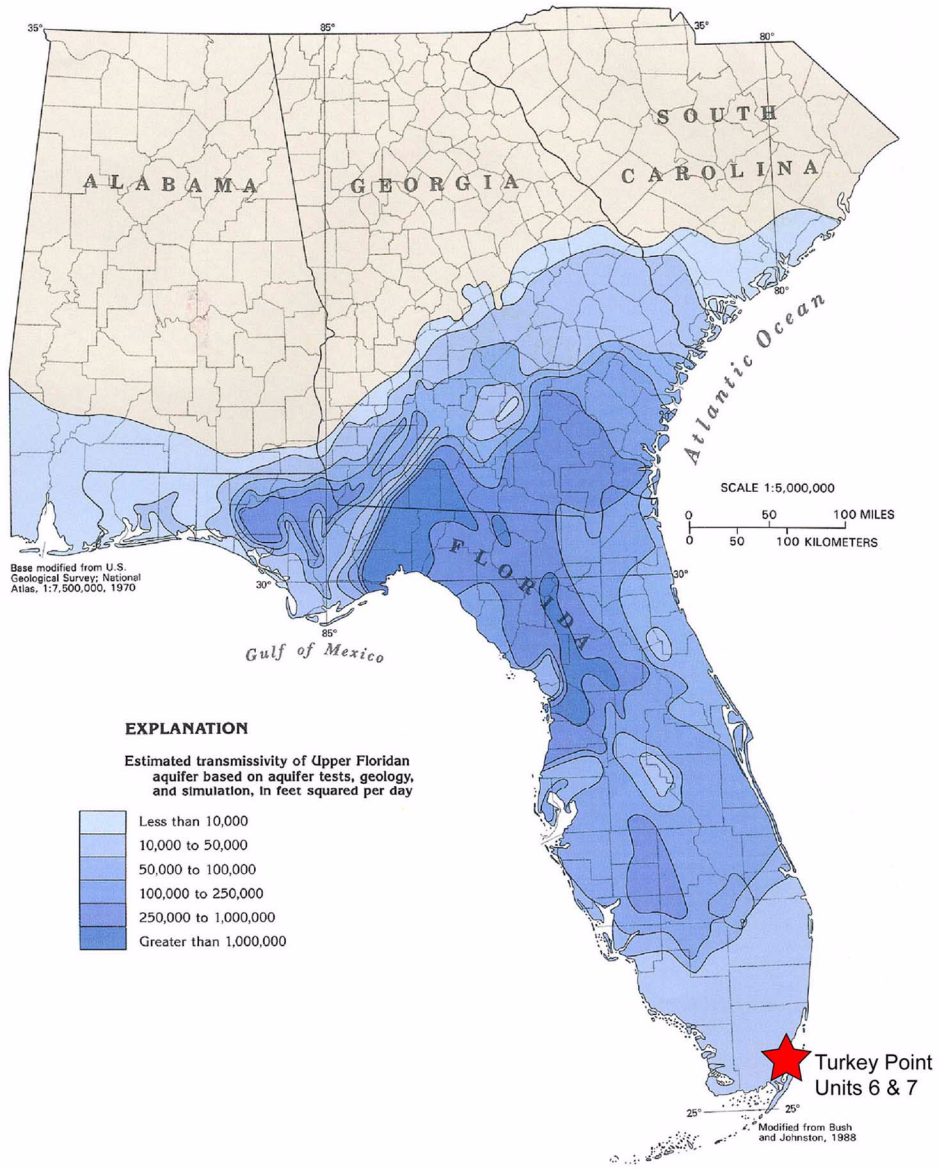
Figure 2.4.12-239 Units 6 & 7 Aquifer Pumping Test Locations



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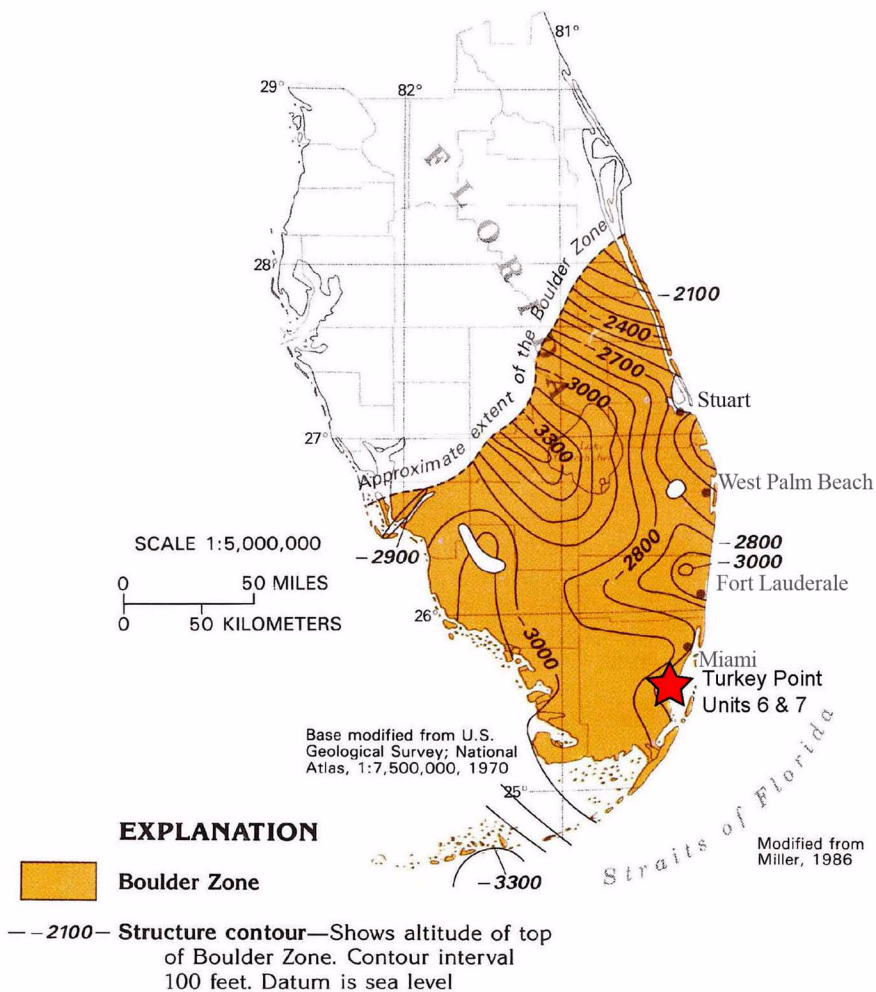
Figure 2.4.12-240 Transmissivity of the Upper Floridan Aquifer



Modified from Reference 210

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Figure 2.4.12-241 The Boulder Zone in Southern Florida

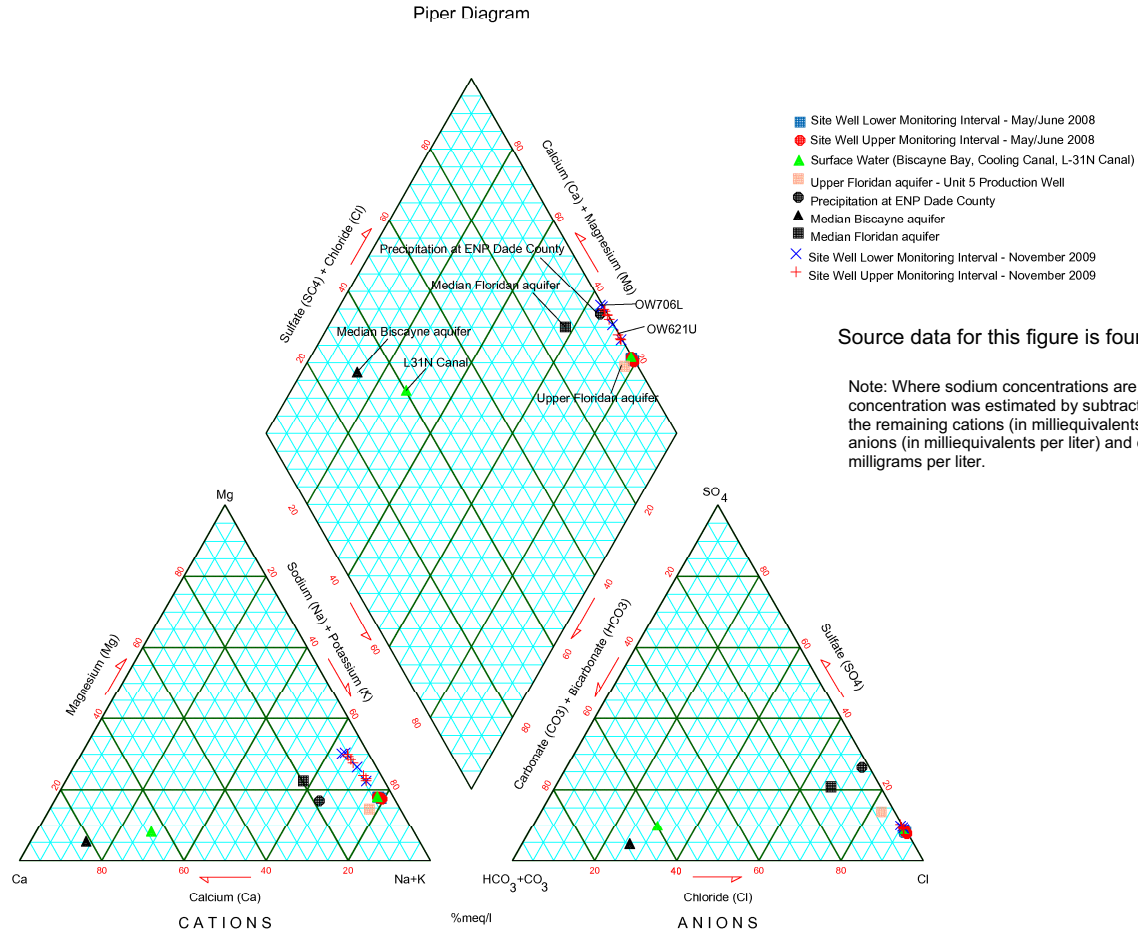


Modified from Reference 210

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PTN COL 2.4-4

Figure 2.4.12-242 Piper Trilinear Diagram of Hydrogeochemical Samples

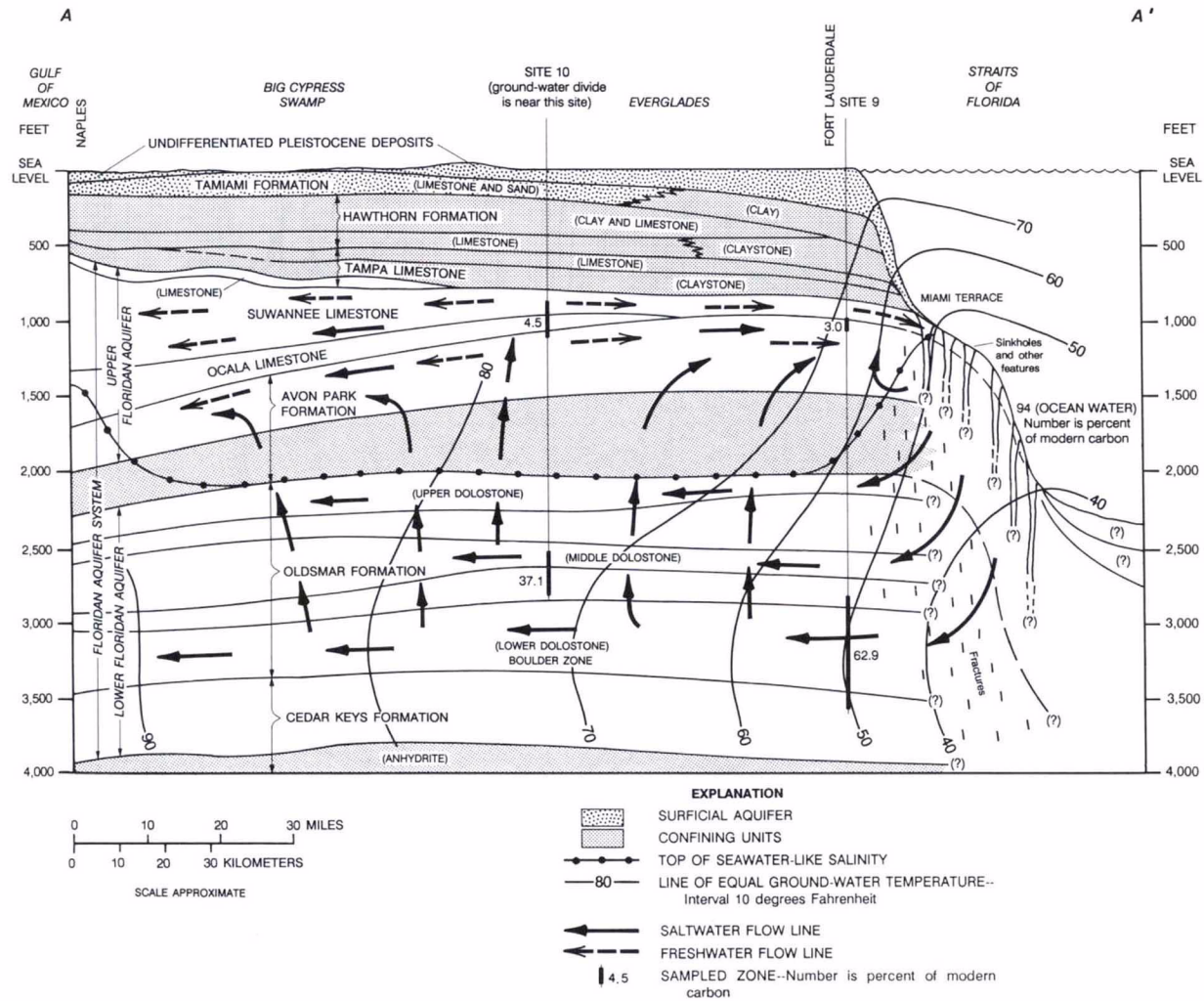


Source data for this figure is found in Table 2.4.12-211

Note: Where sodium concentrations are unavailable, the concentration was estimated by subtracting the sum of the remaining cations (in milliequivalents per liter) from the sum of the anions (in milliequivalents per liter) and converting the result into milligrams per liter.

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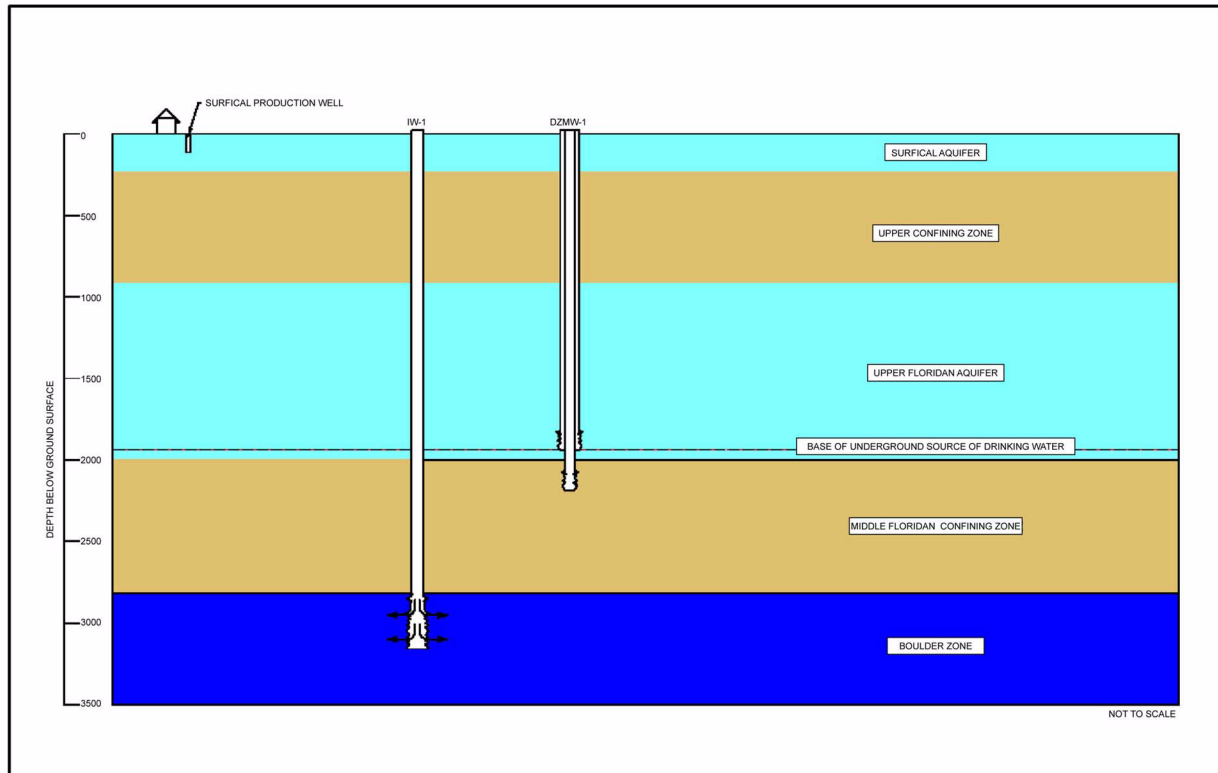
Figure 2.4.12-243 Generalized Hydrogeologic Section



Source: Reference 215

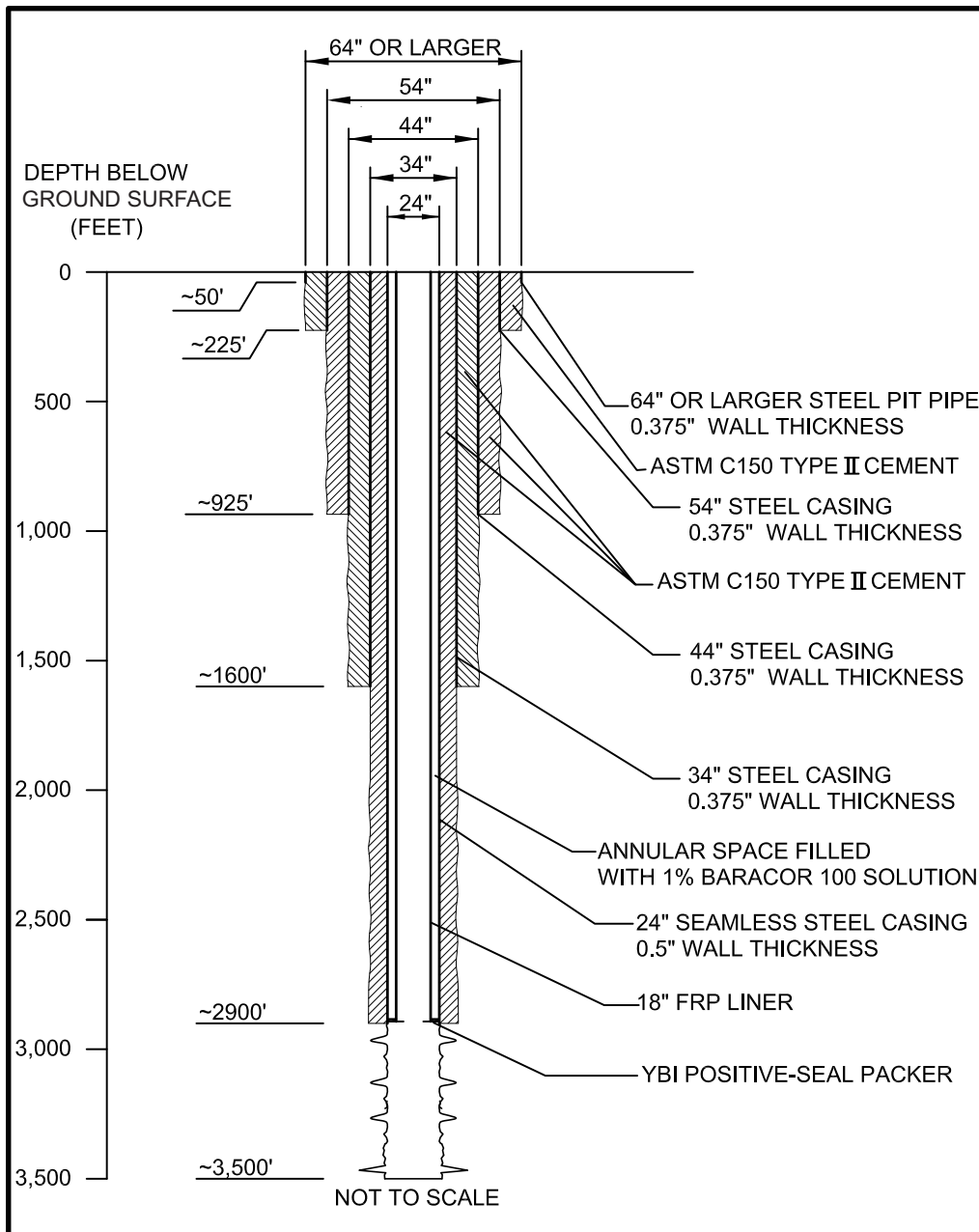
Turkey Point Units 6 & 7
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Figure 2.4.12-244 Typical Injection Well System



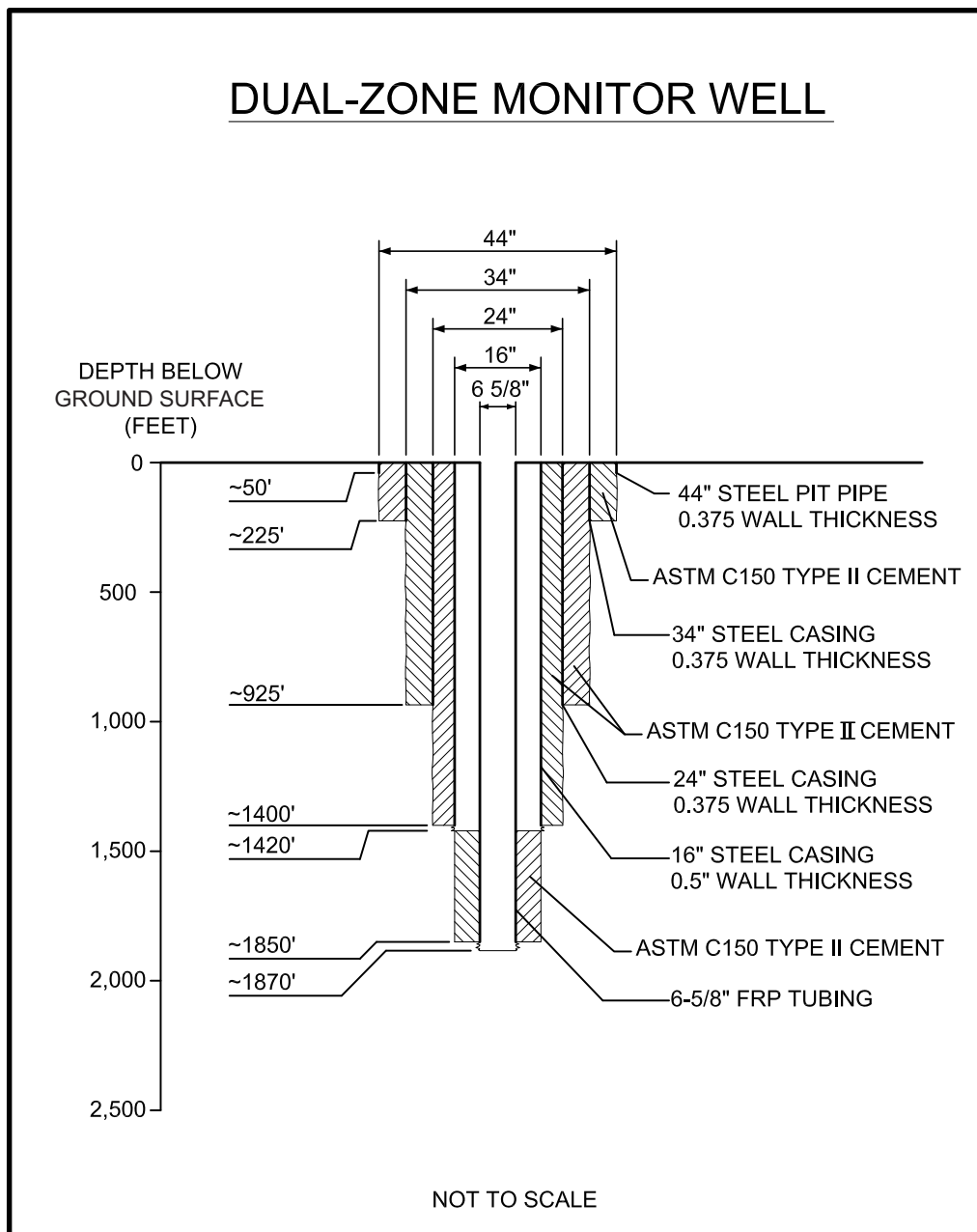
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Figure 2.4.12-245 Conceptual Design of Exploratory Well EW-1



Modified from: Reference 249

Figure 2.4.12-246 Conceptual Design of Dual-Zone Monitor Well DZMW-1



Modified from: [Reference 249](#)

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Figure 2.4.12-247 Subsurface Hydrostatic Loading

