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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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PTN COL 2.4-4

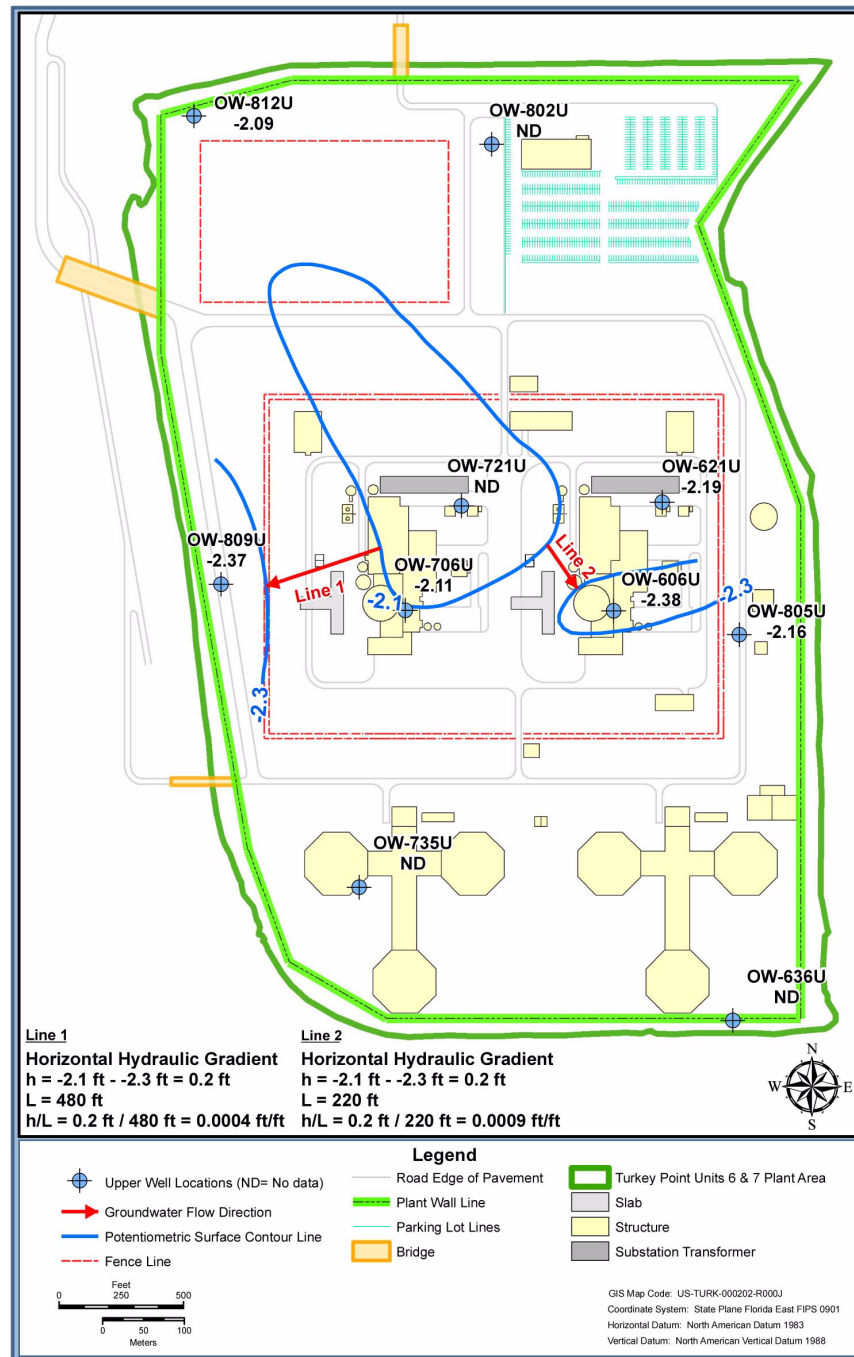
Figure 2.4.12-226 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, October 5, 2008 (Sheet 2 of 2) Low Tide



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PTN COL 2.4-4

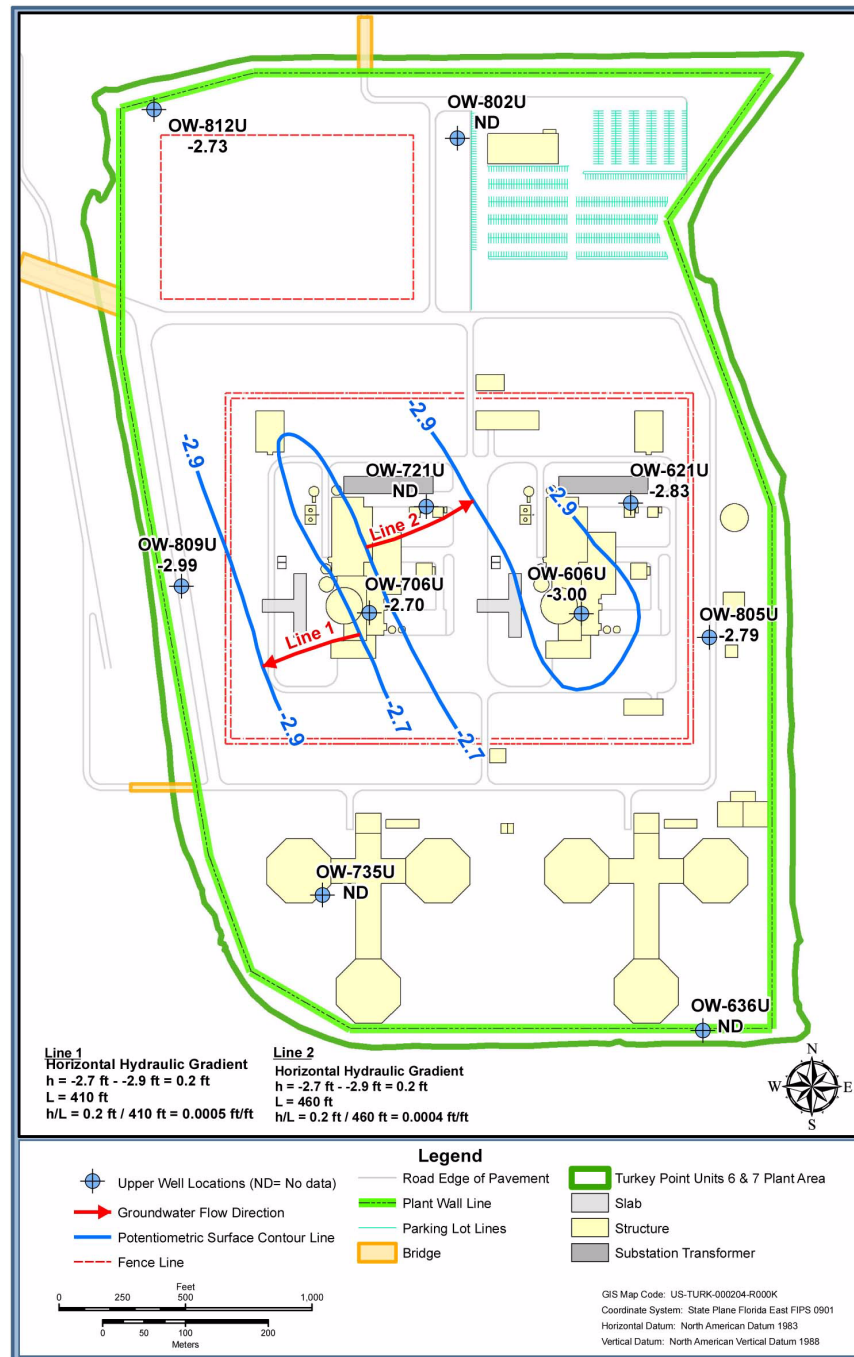
Figure 2.4.12-227 Biscayne Aquifer Potentiometric Surface Map, Upper Monitoring Interval, January 20-21, 2009 (Sheet 1 of 2) High Tide



Turkey Point Units 6 & 7
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PTN COL 2.4-4

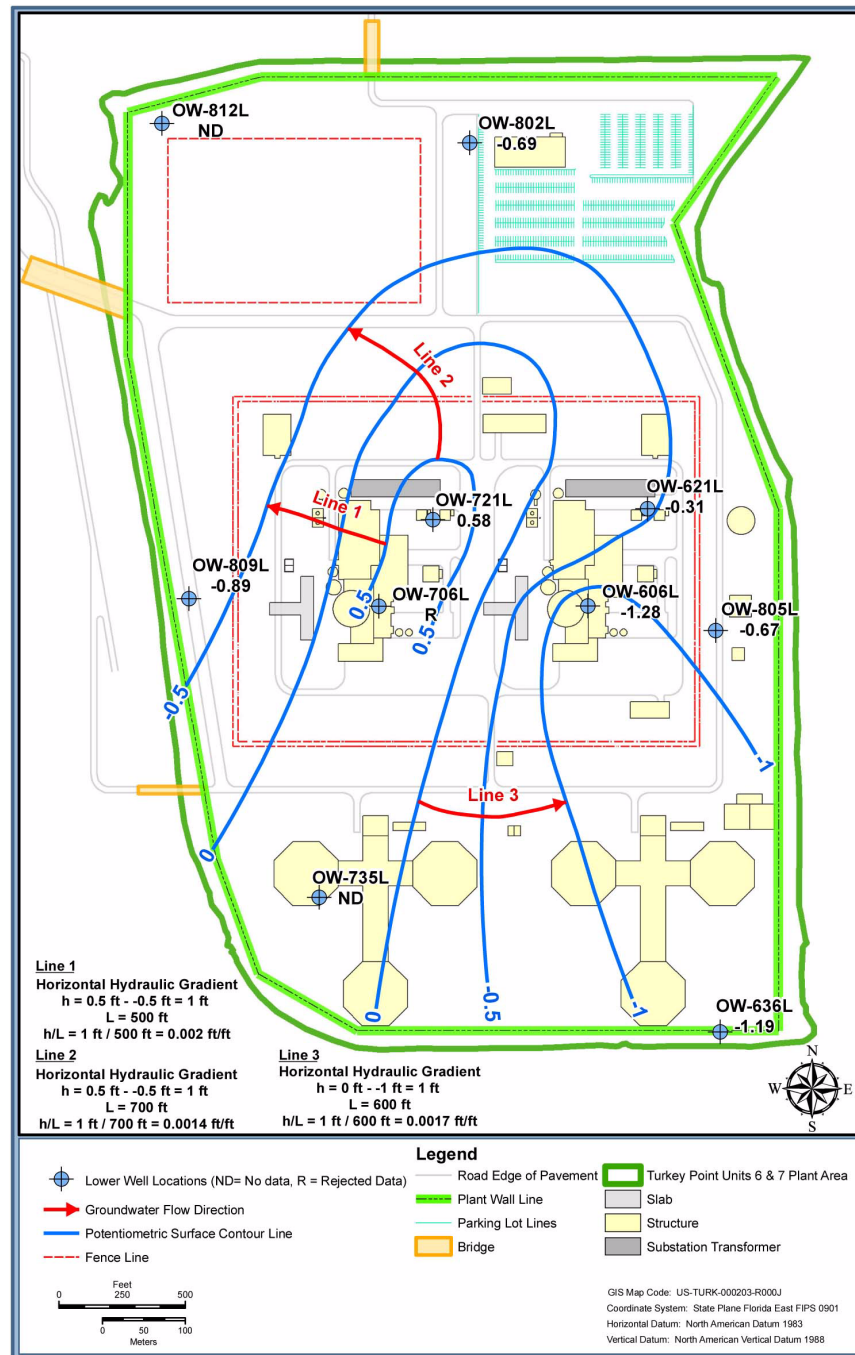
Figure 2.4.12-227 Biscayne Aquifer Potentiometric Surface Map, Upper Monitoring Interval, January 20-21, 2009 (Sheet 2 of 2) Low Tide



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PTN COL 2.4-4

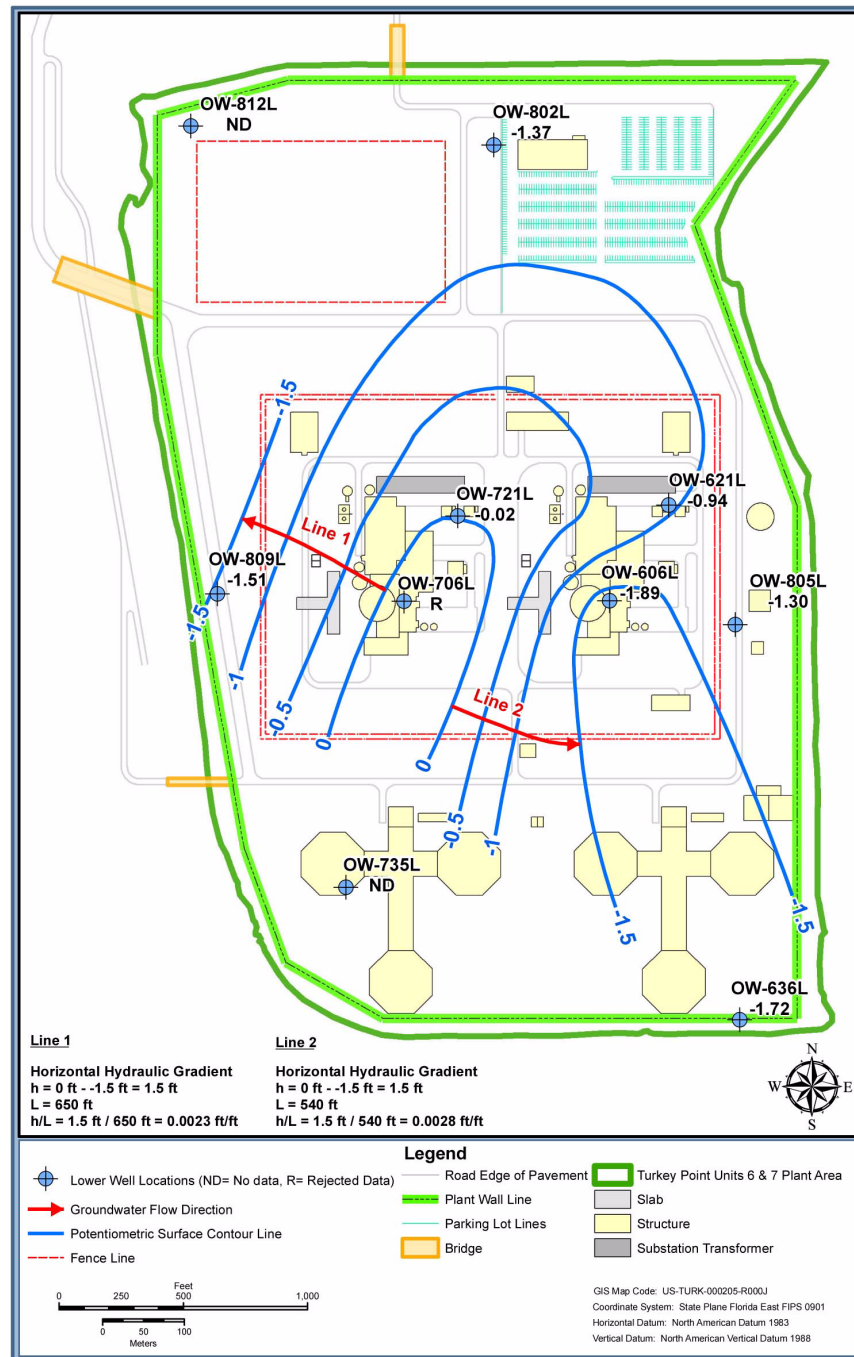
Figure 2.4.12-228 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, January 20-21, 2009 (Sheet 1 of 2) High Tide



Turkey Point Units 6 & 7
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PTN COL 2.4-4

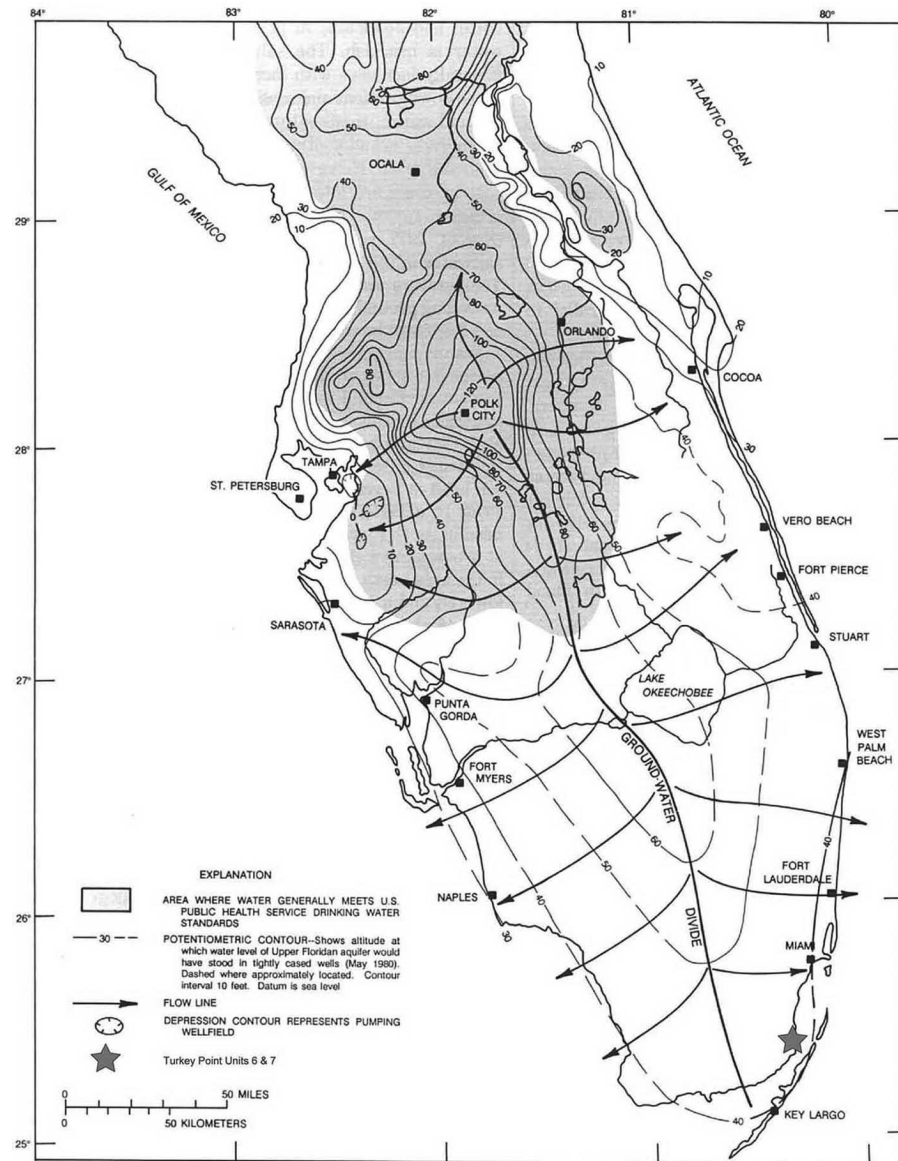
Figure 2.4.12-228 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, January 20-21, 2009 (Sheet 2 of 2) Low Tide



Turkey Point Units 6 & 7
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Figure 2.4.12-229 May 1980 Upper Floridan Aquifer Potentiometric Surface Map

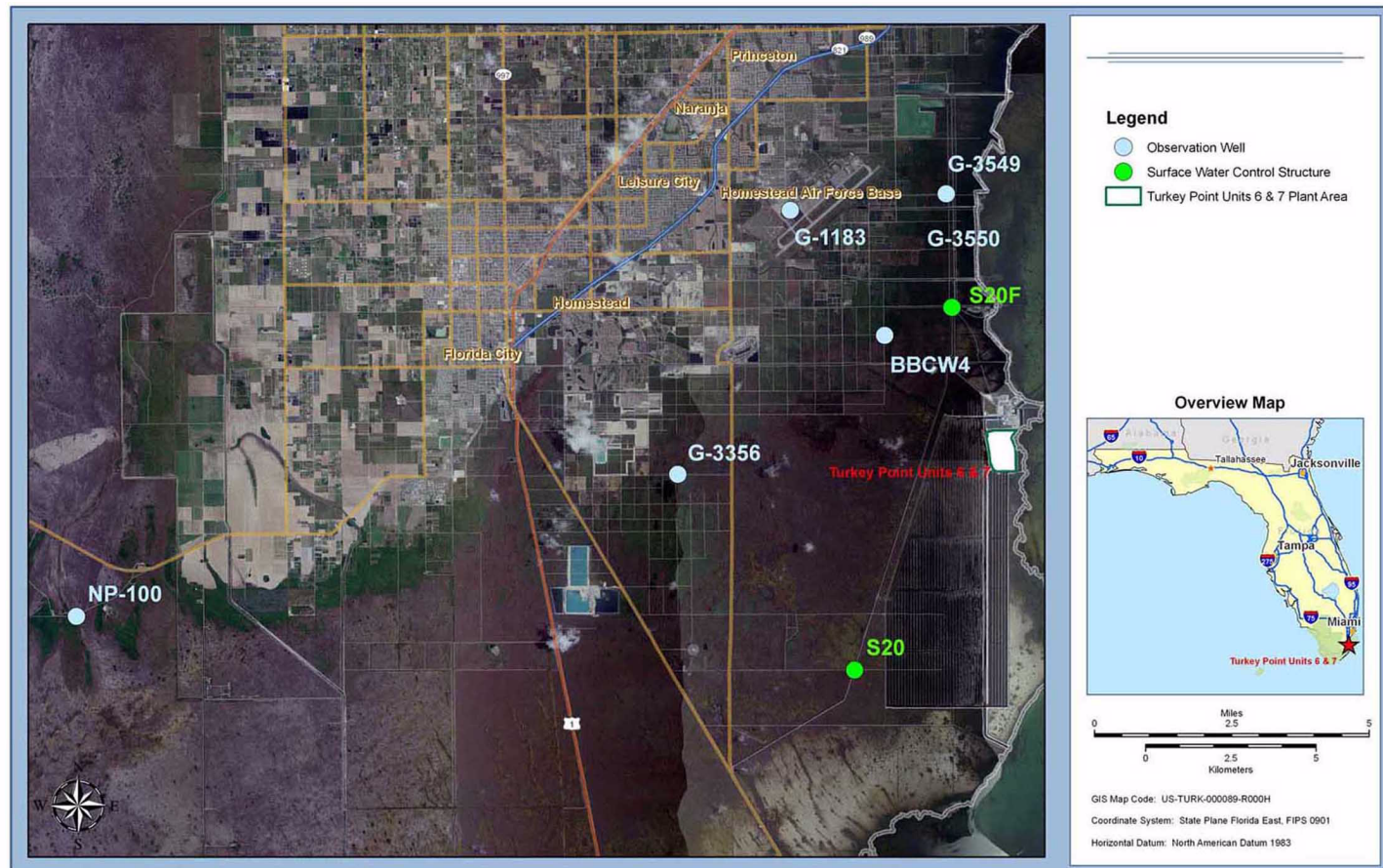


Modified from [Reference 215](#)

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PTN COL 2.4-4

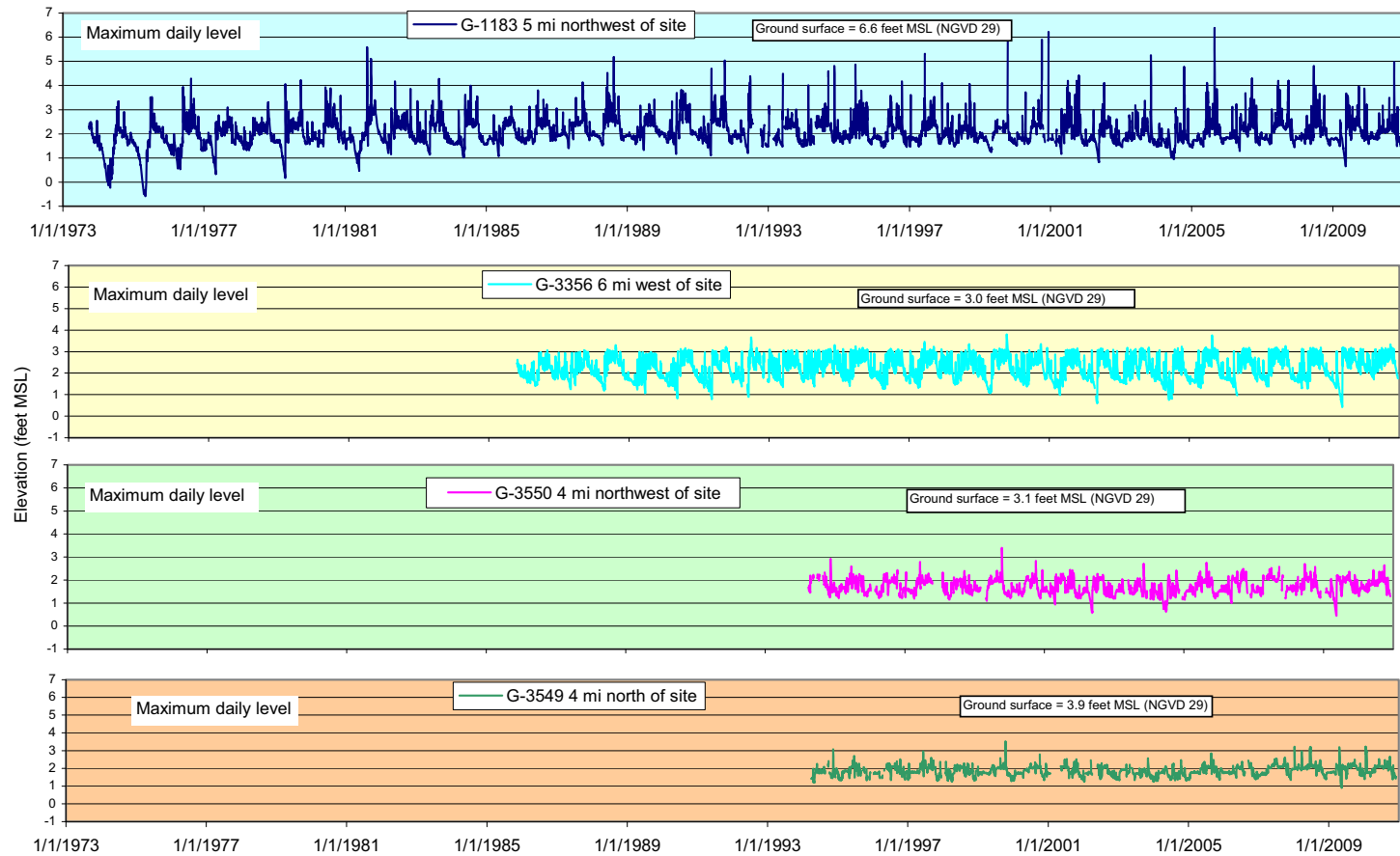
Figure 2.4.12-230 Observation Wells and Surface Water Monitoring Locations in the Turkey Point Vicinity



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

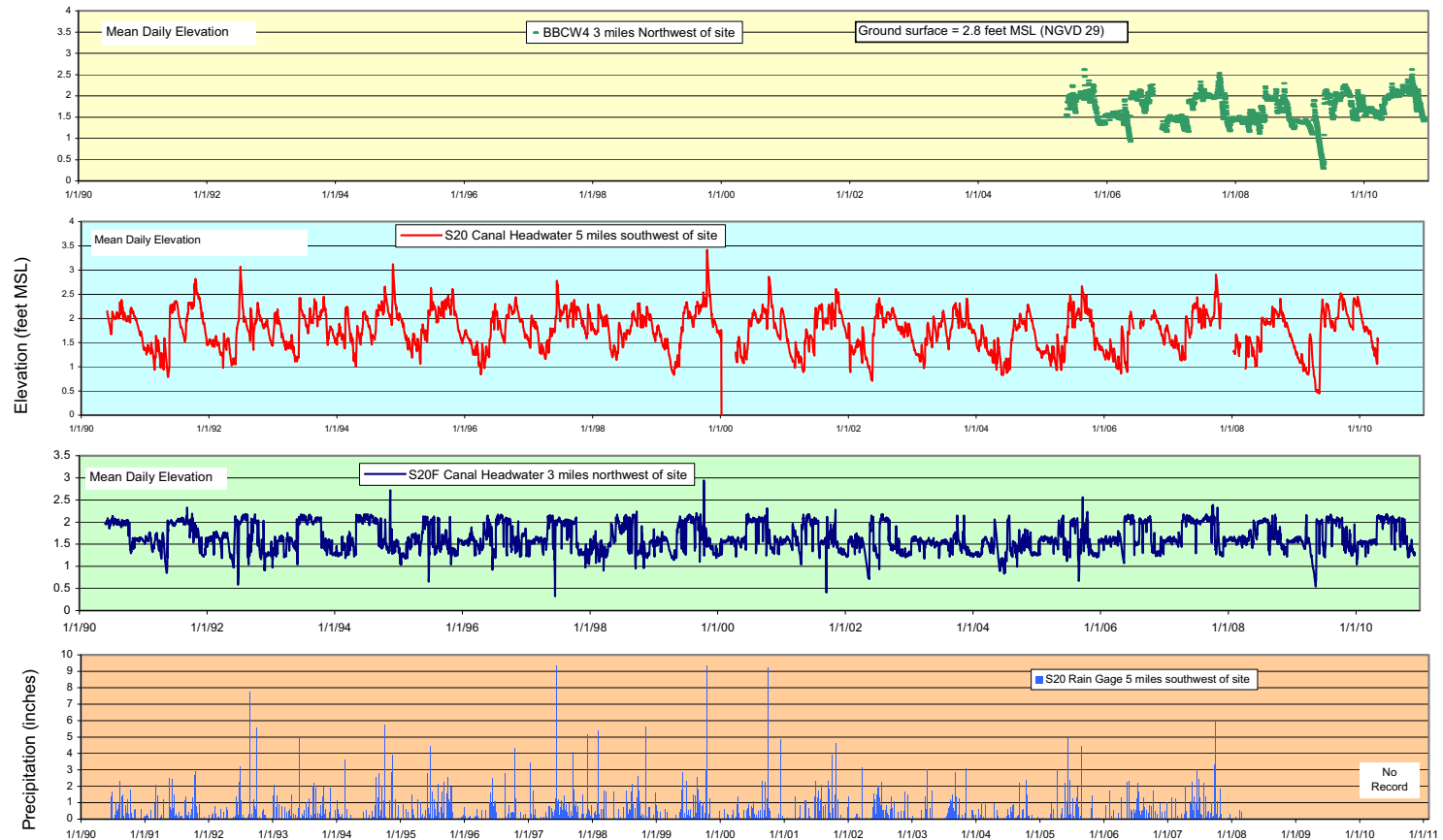


Source: [Reference 232](#)

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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

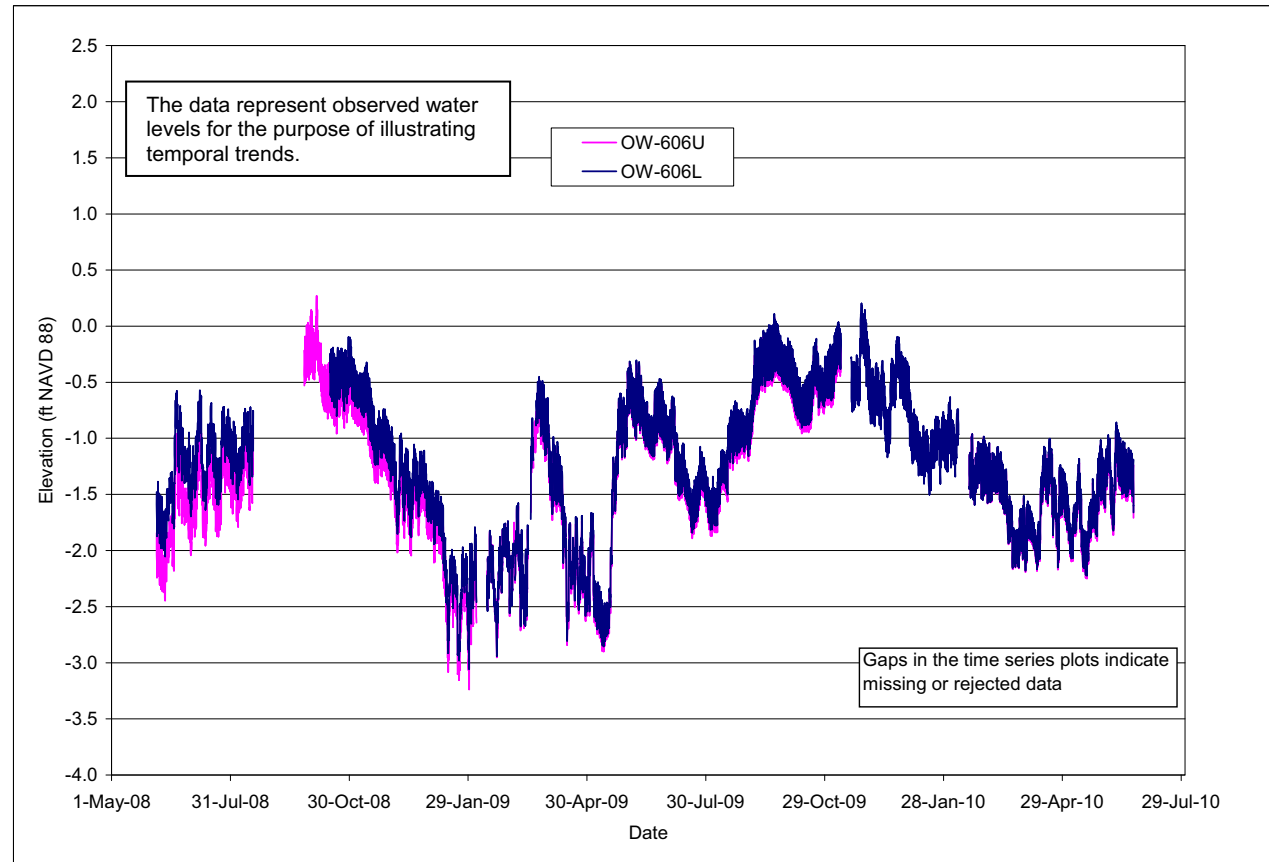


Source: [Reference 233](#)

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

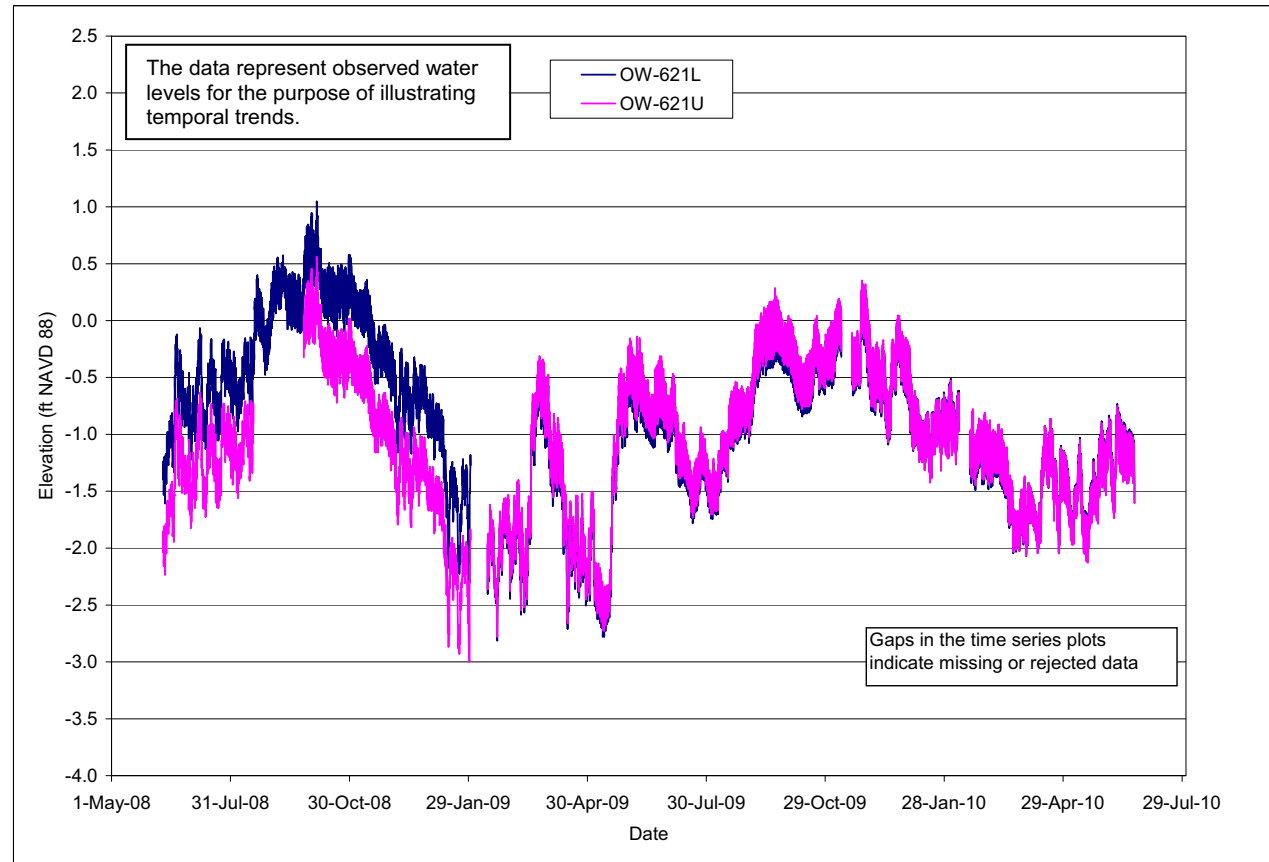
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 1 of 11)



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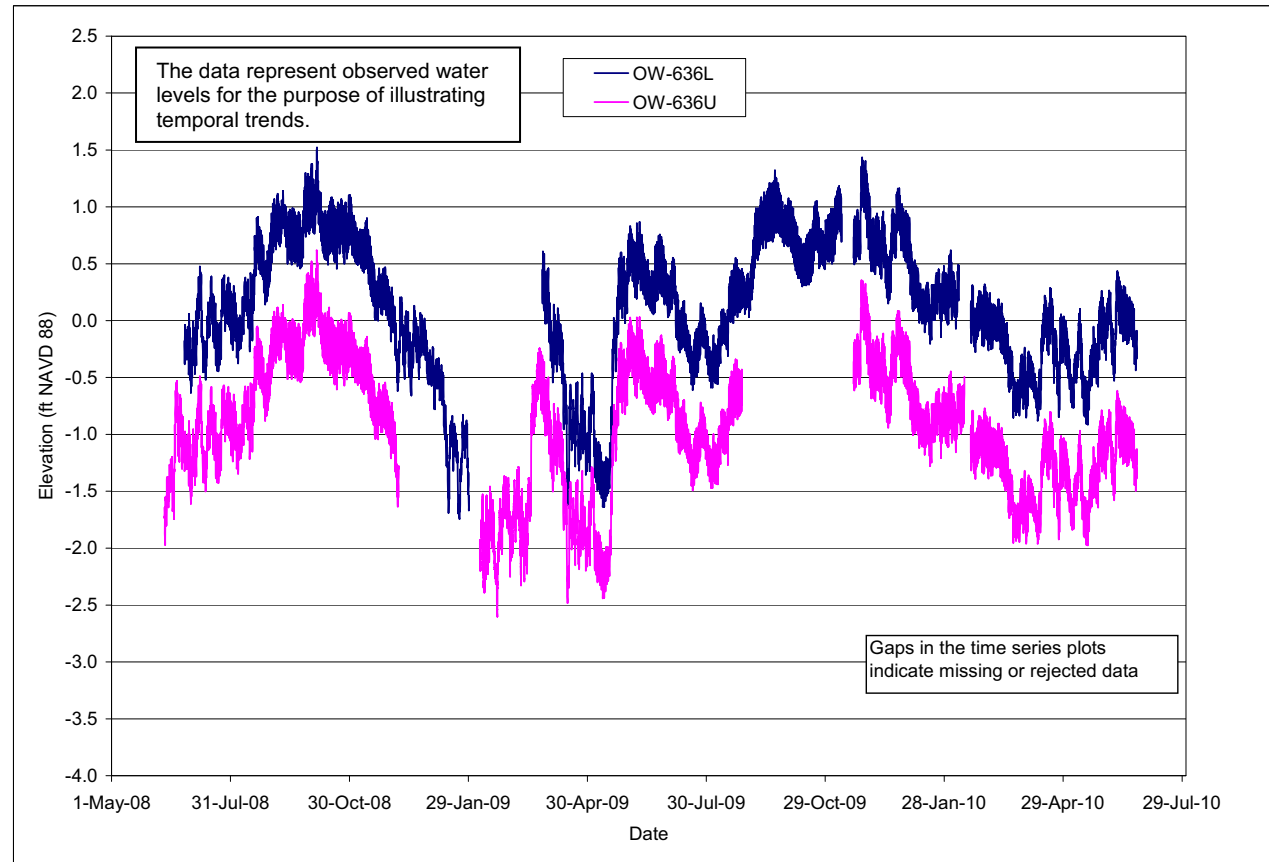
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 2 of 11)



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COL Application
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PTN COL 2.4-4

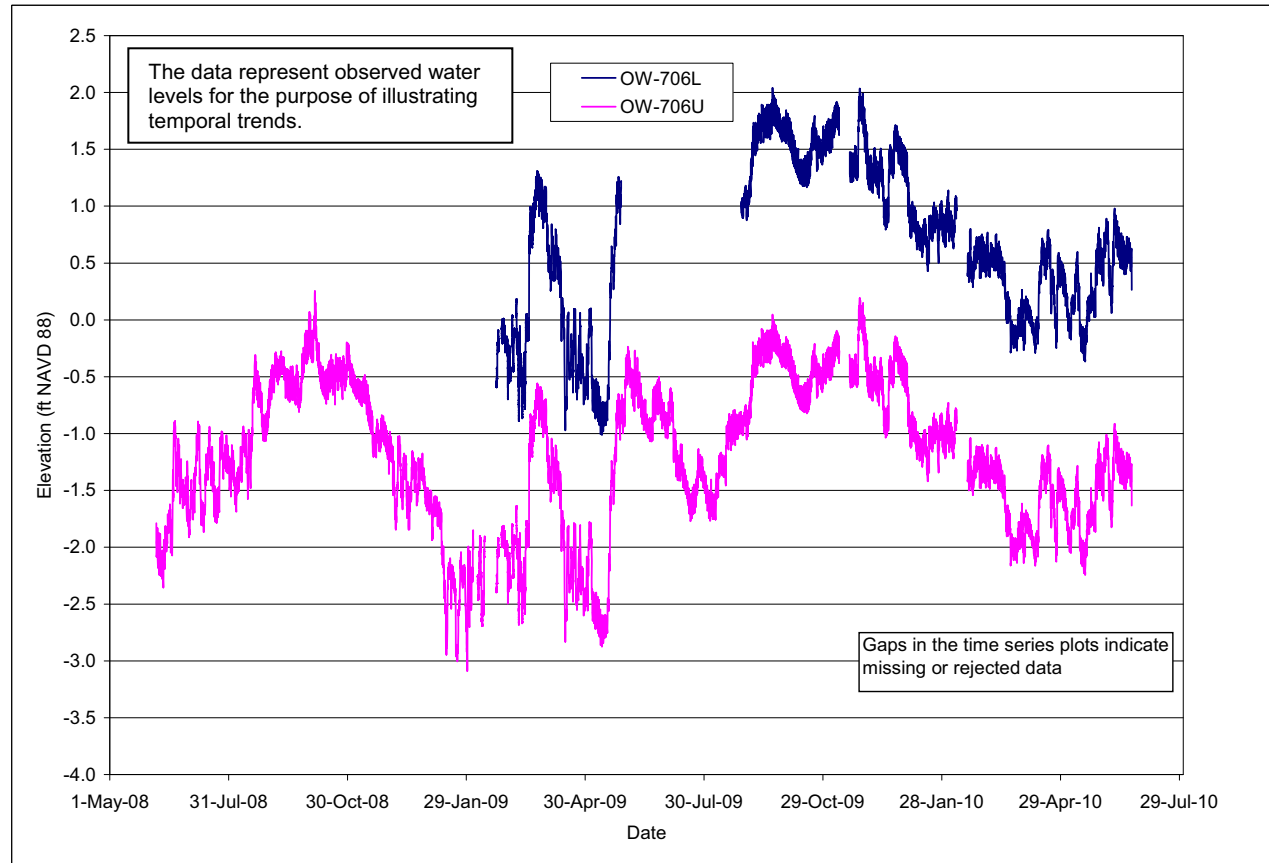
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 3 of 11)



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COL Application
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PTN COL 2.4-4

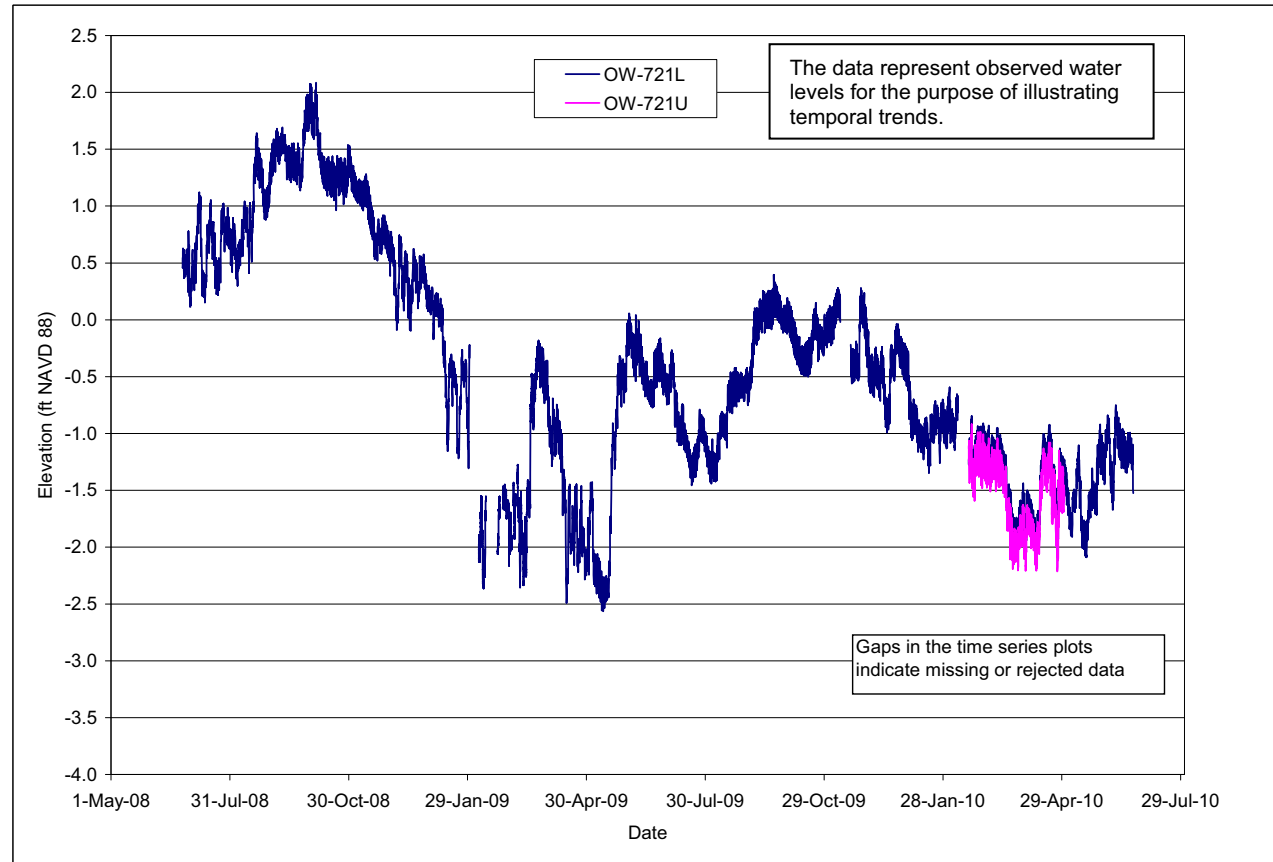
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 4 of 11)



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

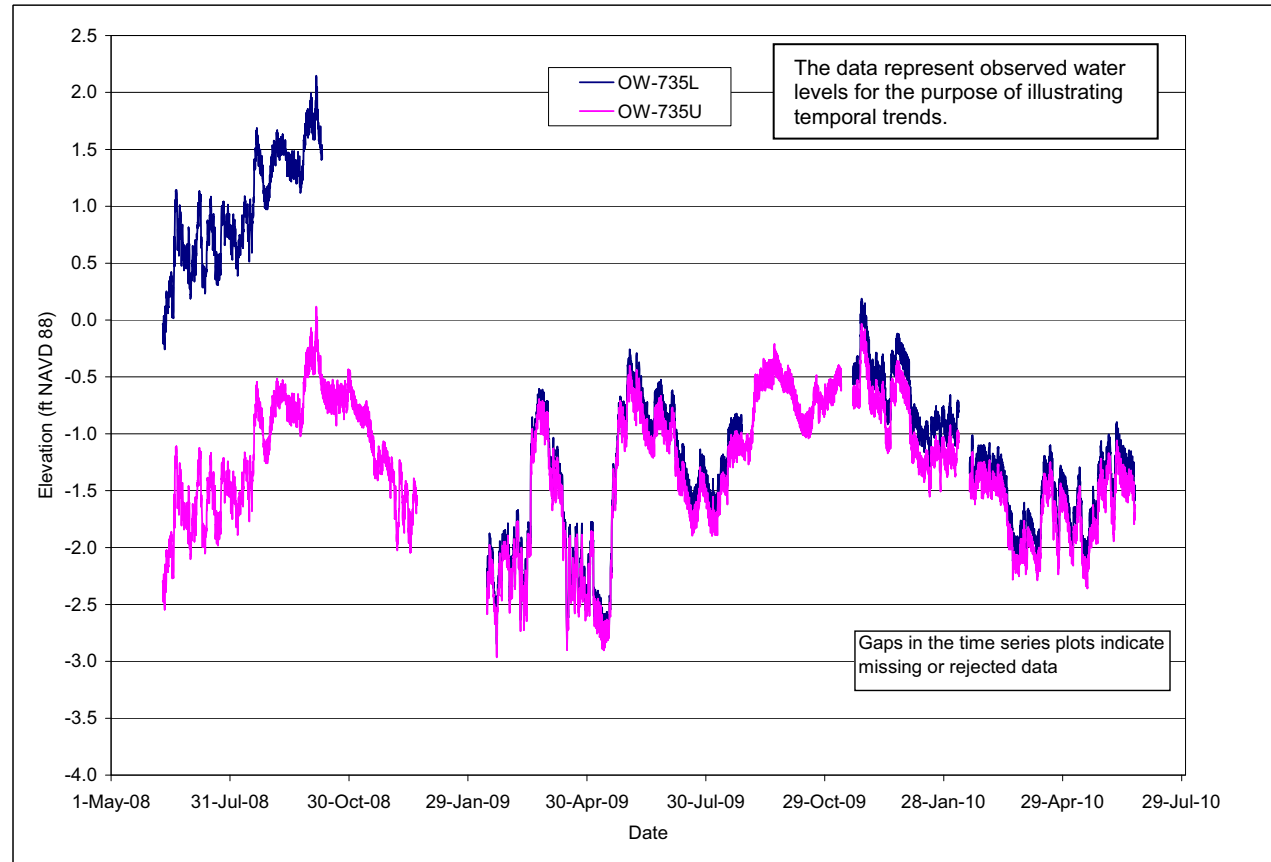
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 5 of 11)



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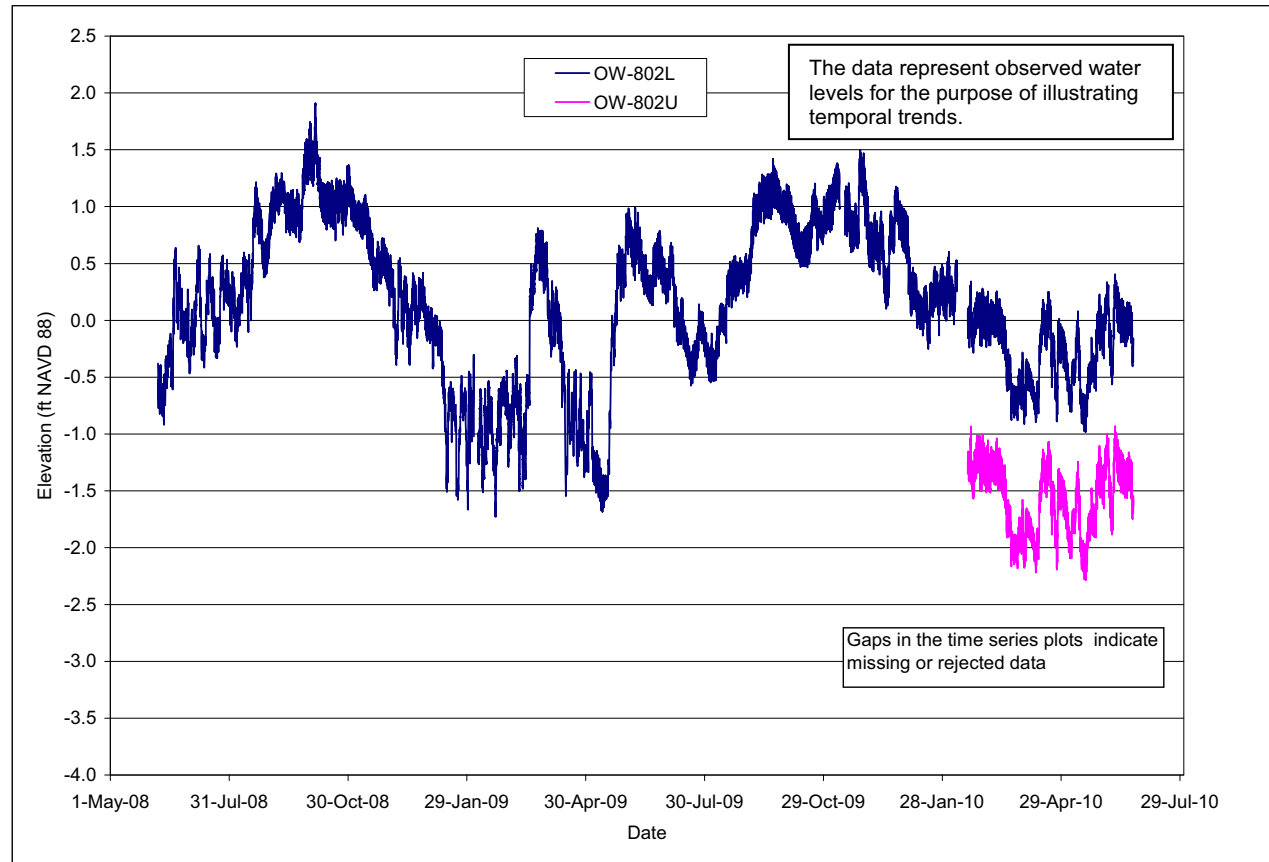
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 6 of 11)



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

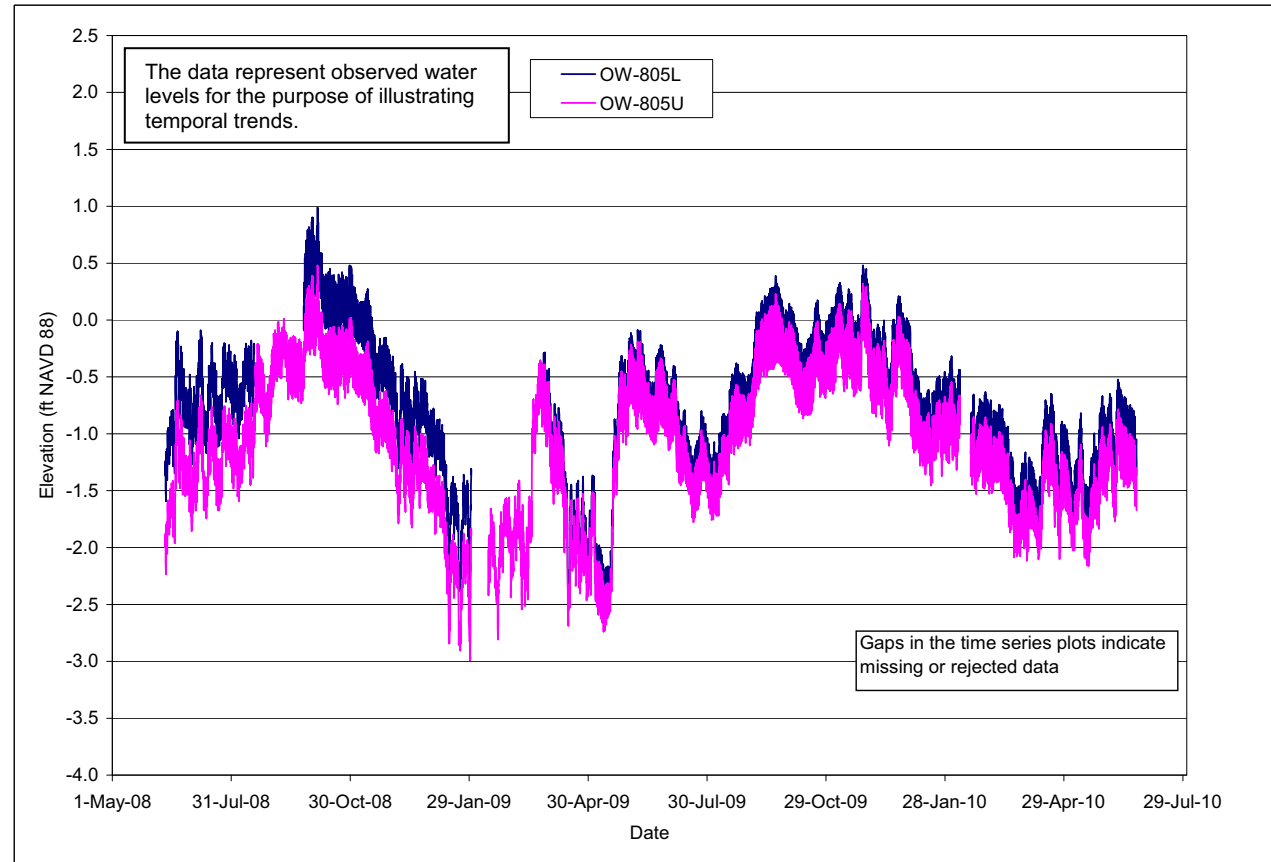
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 7 of 11)



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COL Application
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PTN COL 2.4-4

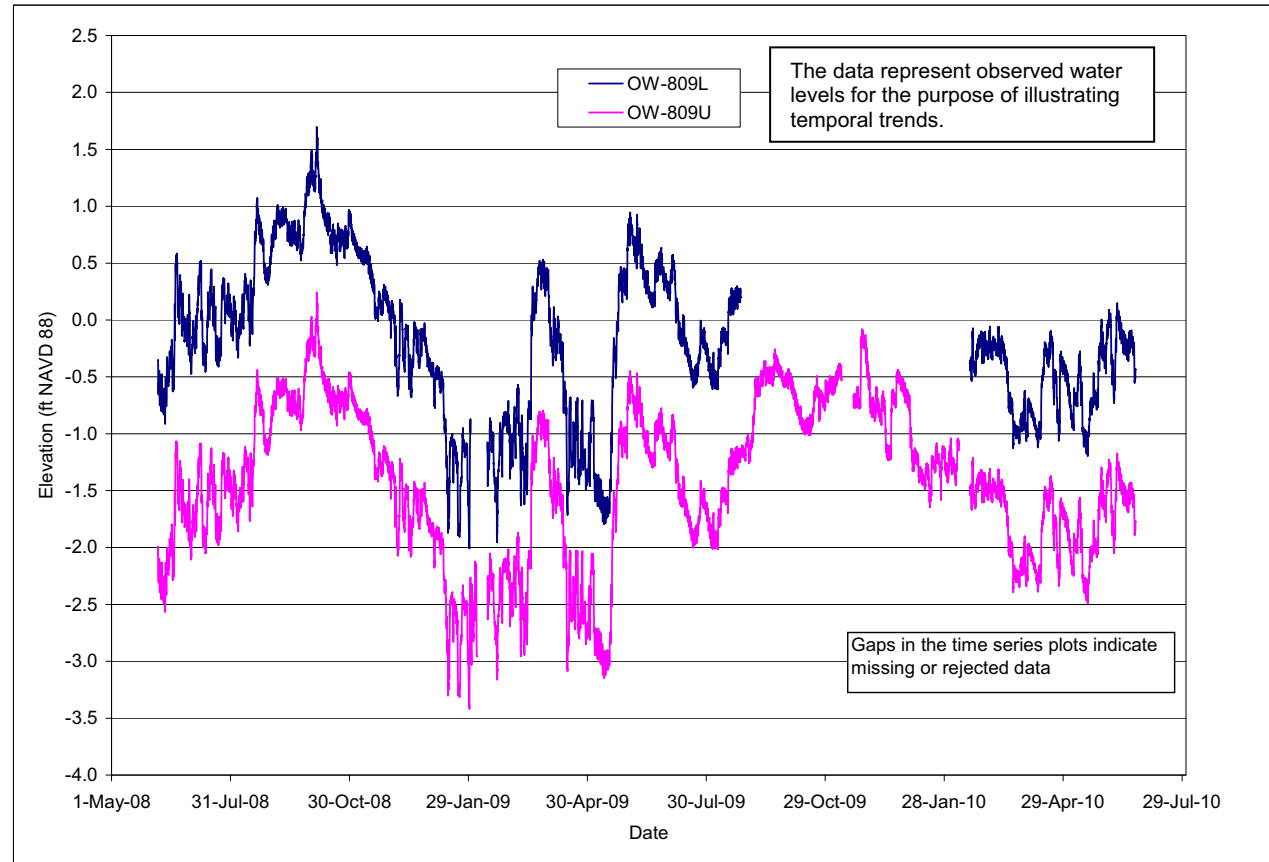
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 8 of 11)



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

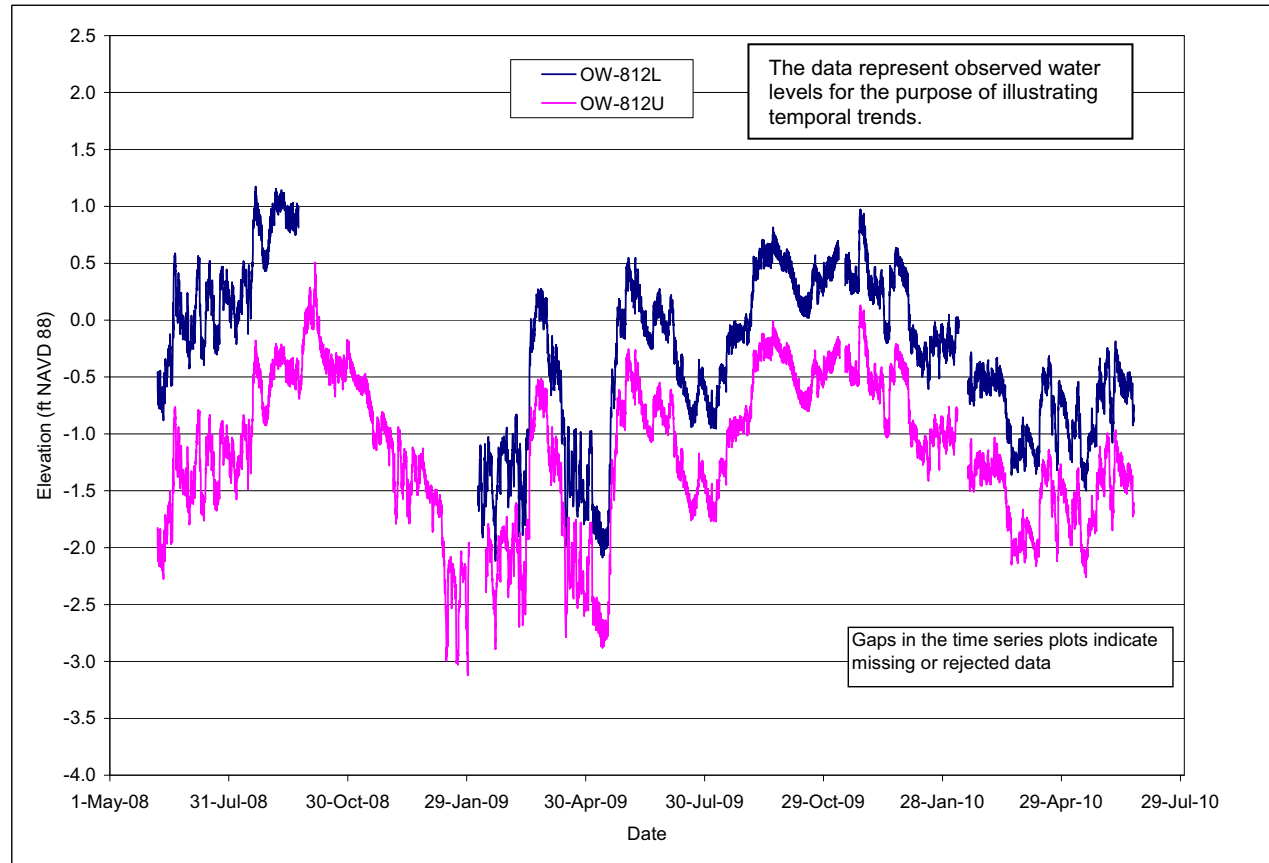
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 9 of 11)



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

PTN COL 2.4-4

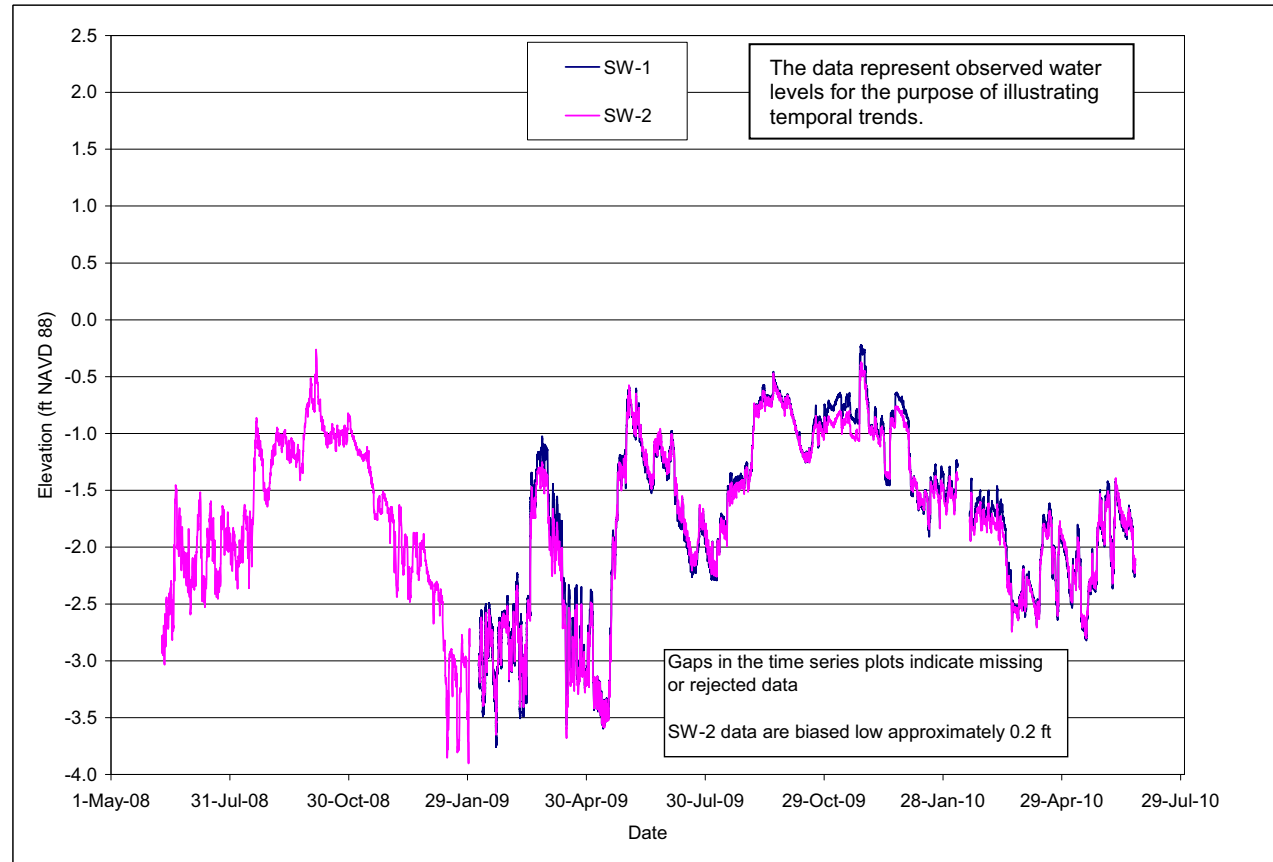
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 10 of 11)



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

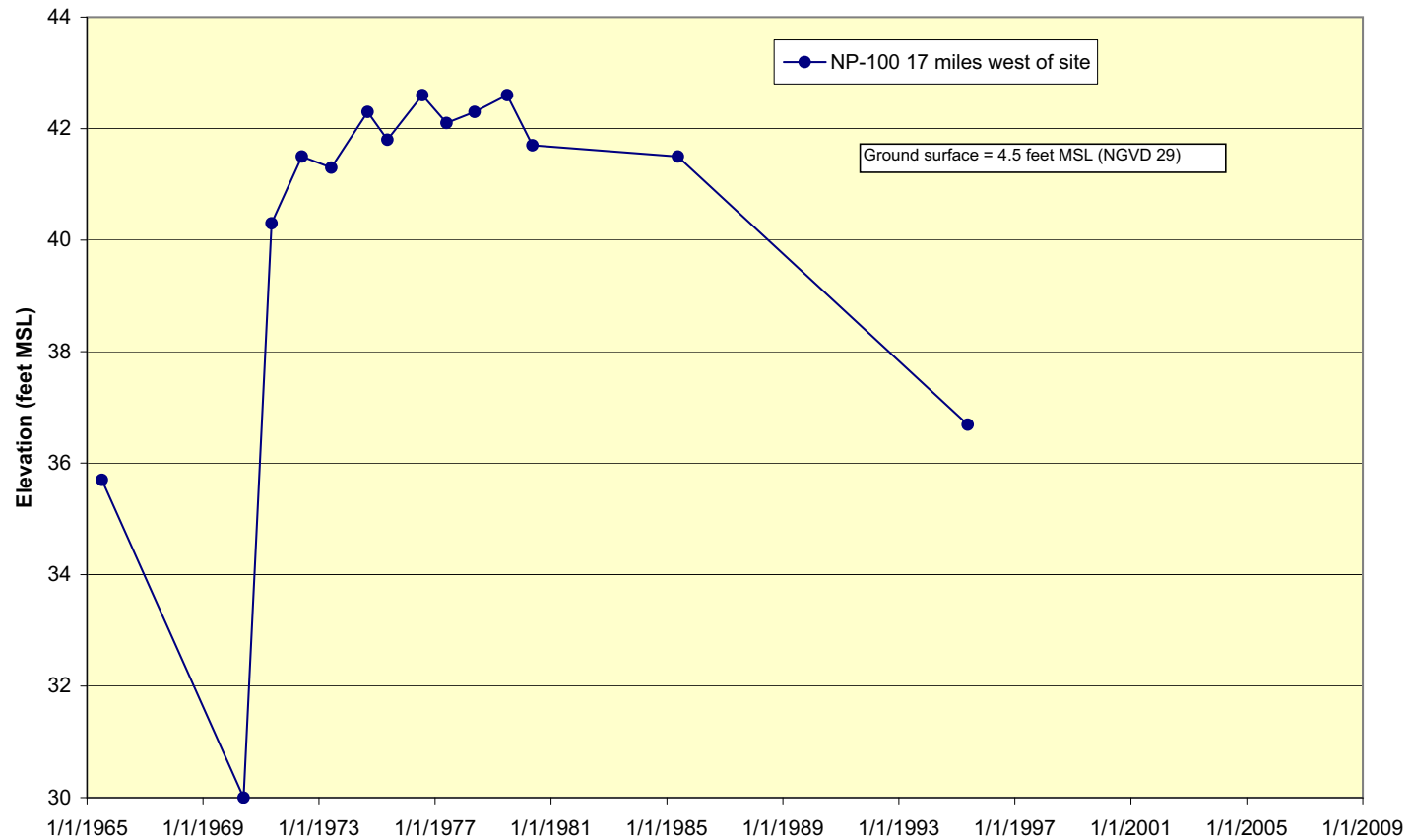
Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 11 of 11)



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

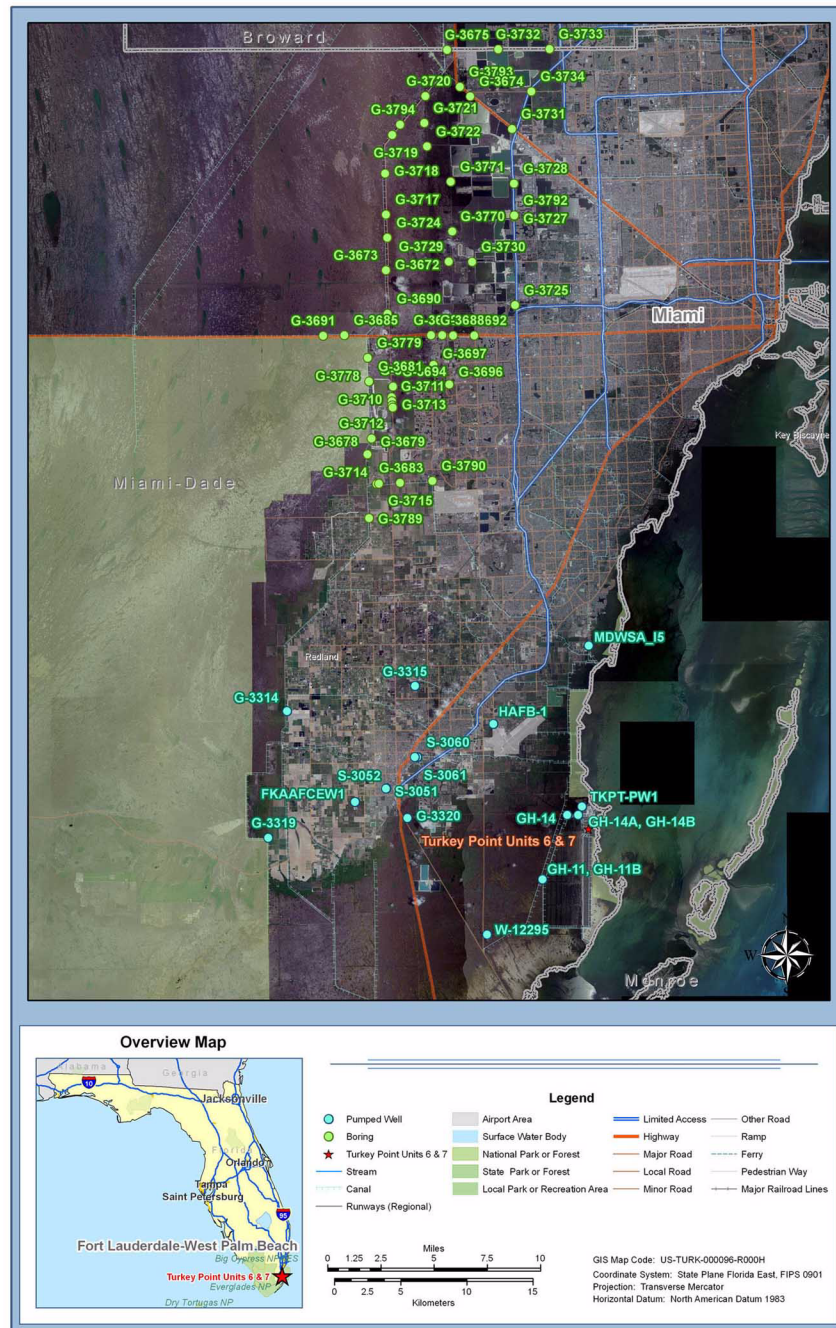


Source: [Reference 234](#)

Turkey Point Units 6 & 7
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PTN COL 2.4-4

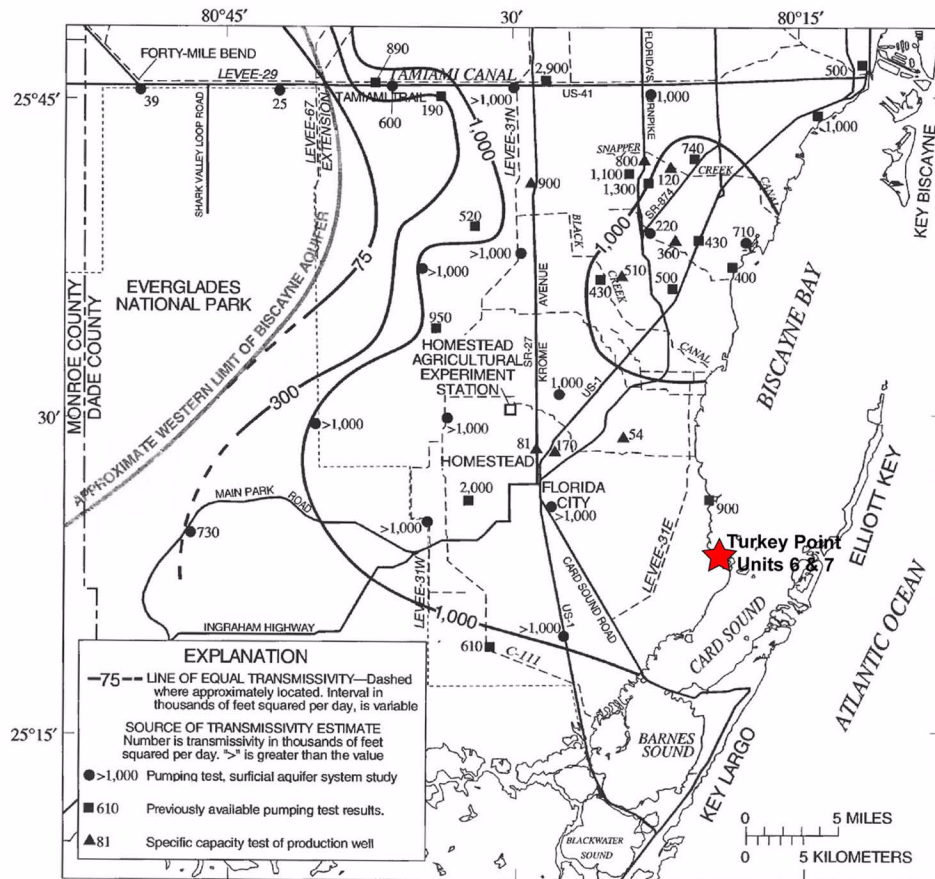
Figure 2.4.12-235 Regional Aquifer Test Locations



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PTN COL 2.4-4

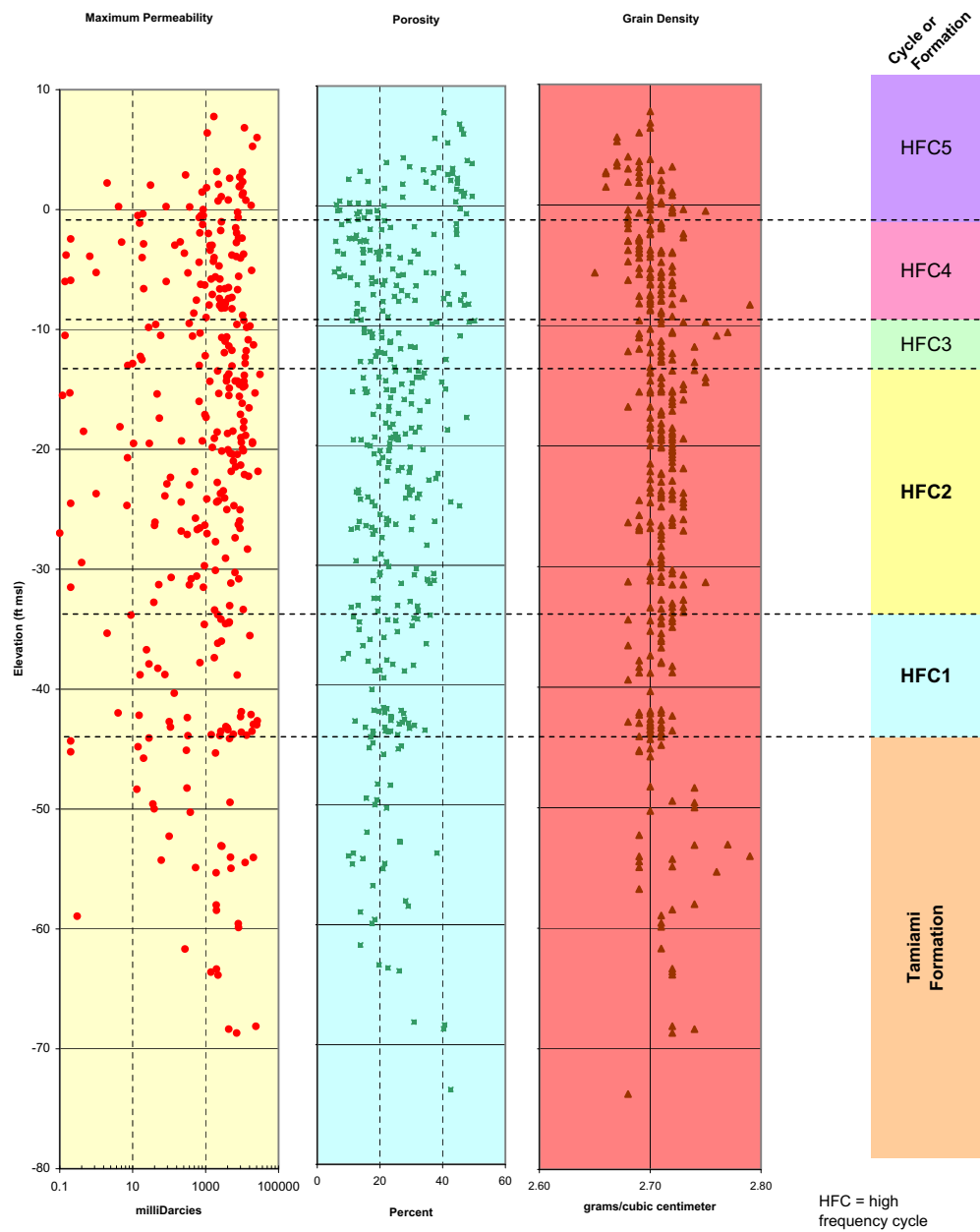
Figure 2.4.12-236 Biscayne Aquifer Regional Transmissivity



Modified from Reference 240

PTN COL 2.4-4

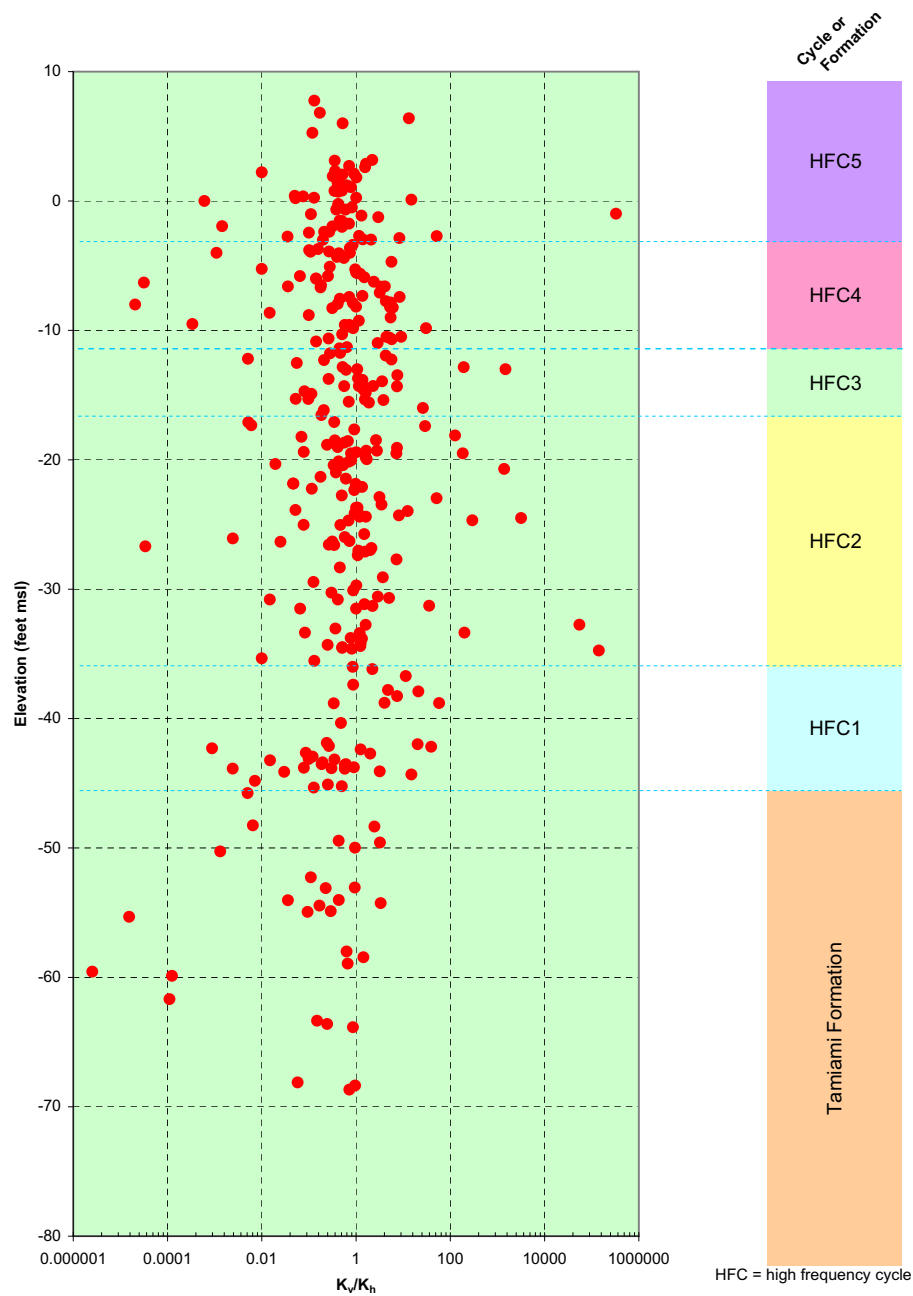
Figure 2.4.12-237 Formation Properties from Rock Core Testing



Source: [Table 2.4.12-207](#)

PTN COL 2.4-4

Figure 2.4.12-238 Vertical Anisotropy Ratio from Rock Core Testing

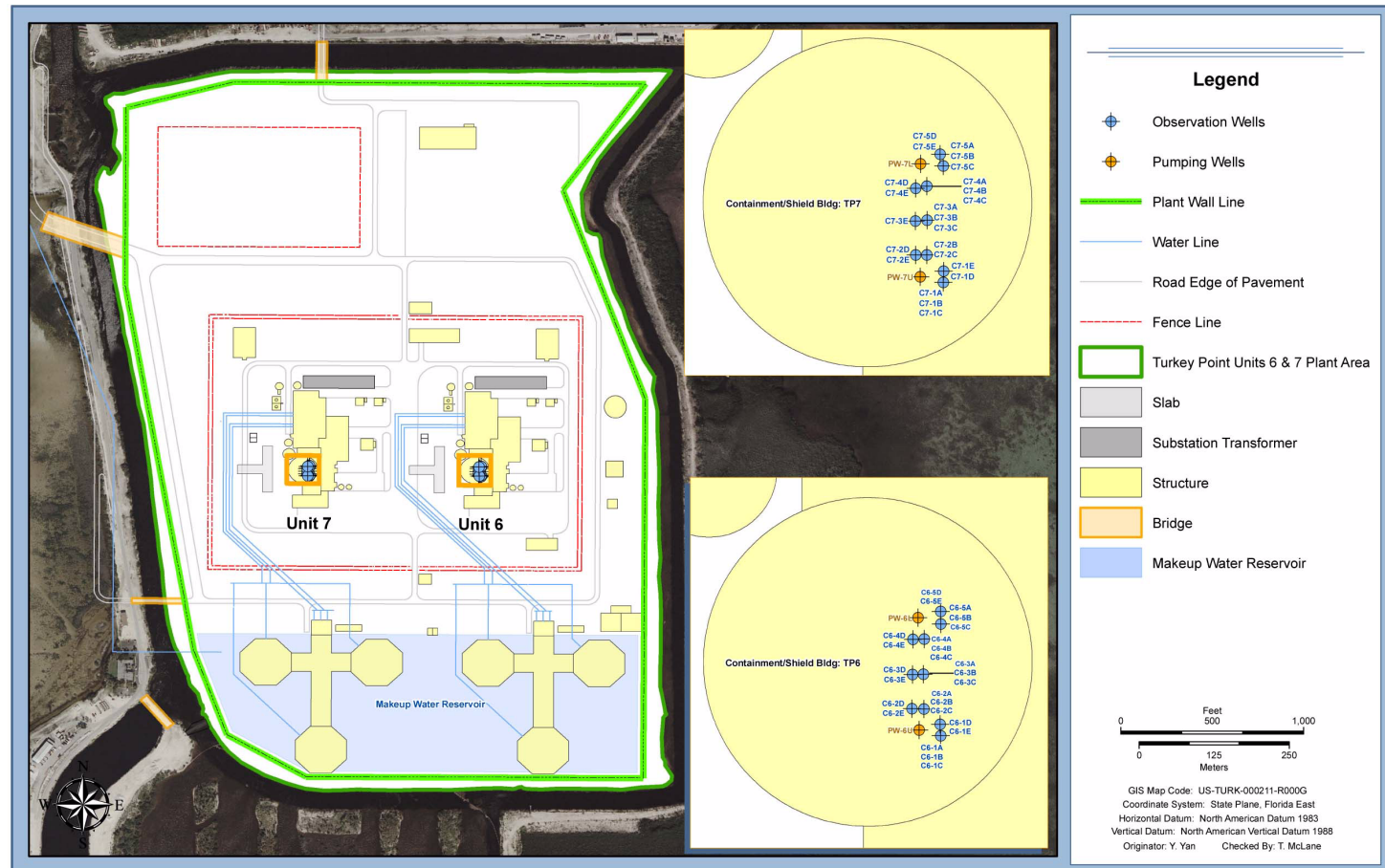


Source: [Table 2.4.12-207](#)

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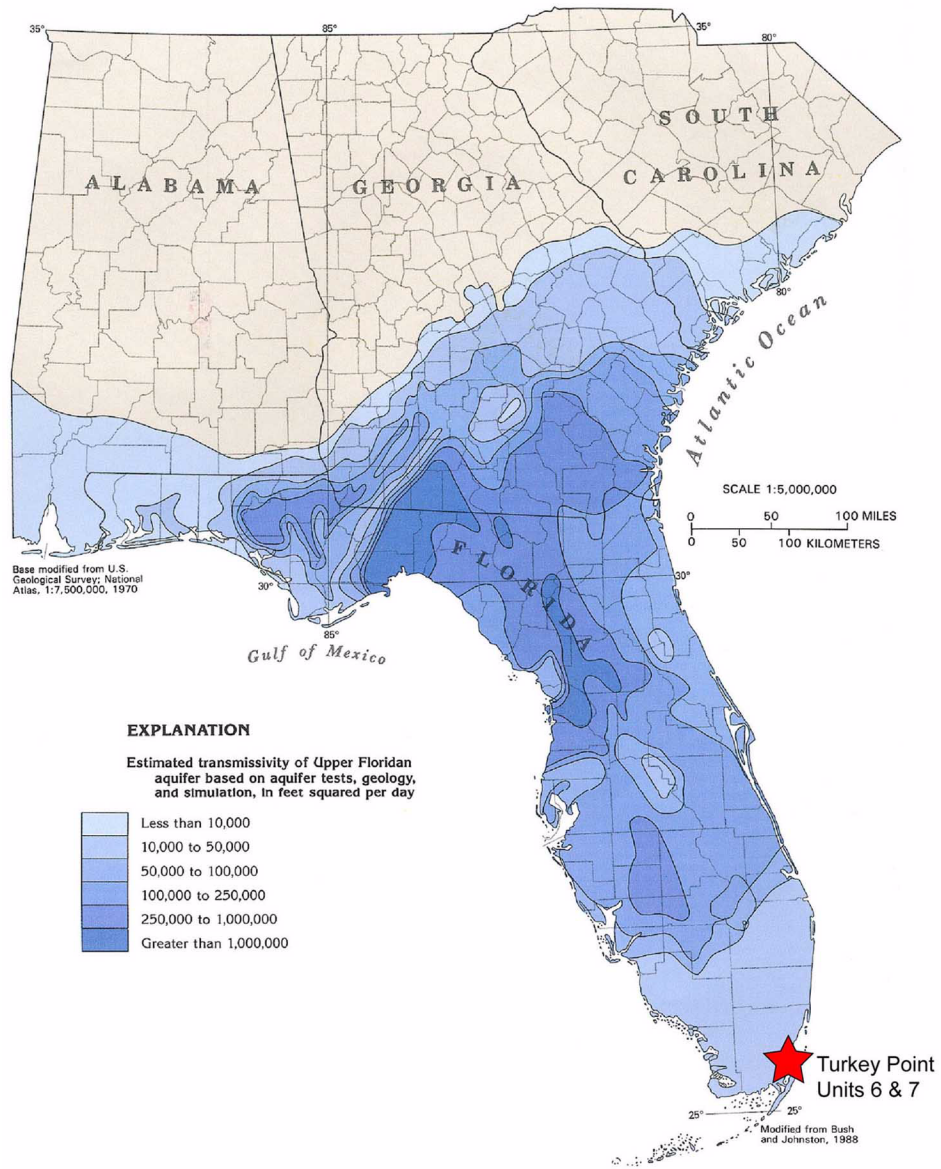
Figure 2.4.12-239 Units 6 & 7 Aquifer Pumping Test Locations



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PTN COL 2.4-4

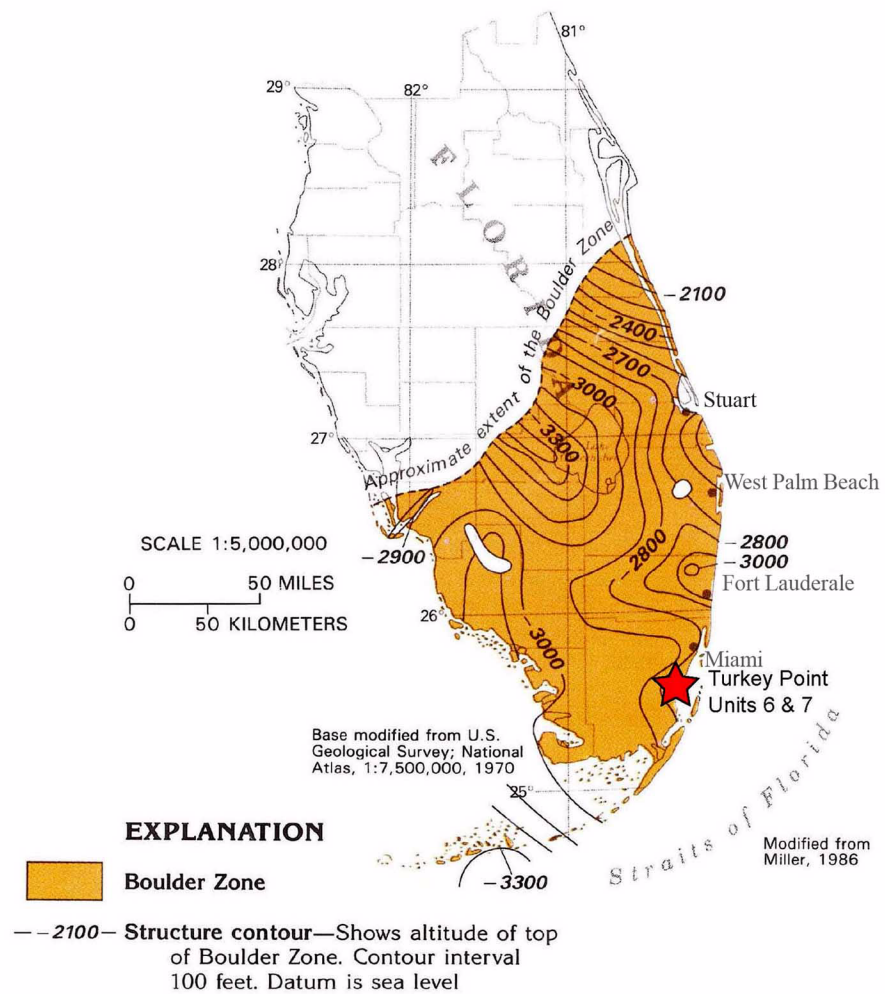
Figure 2.4.12-240 Transmissivity of the Upper Floridan Aquifer



Modified from [Reference 210](#)

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Figure 2.4.12-241 The Boulder Zone in Southern Florida

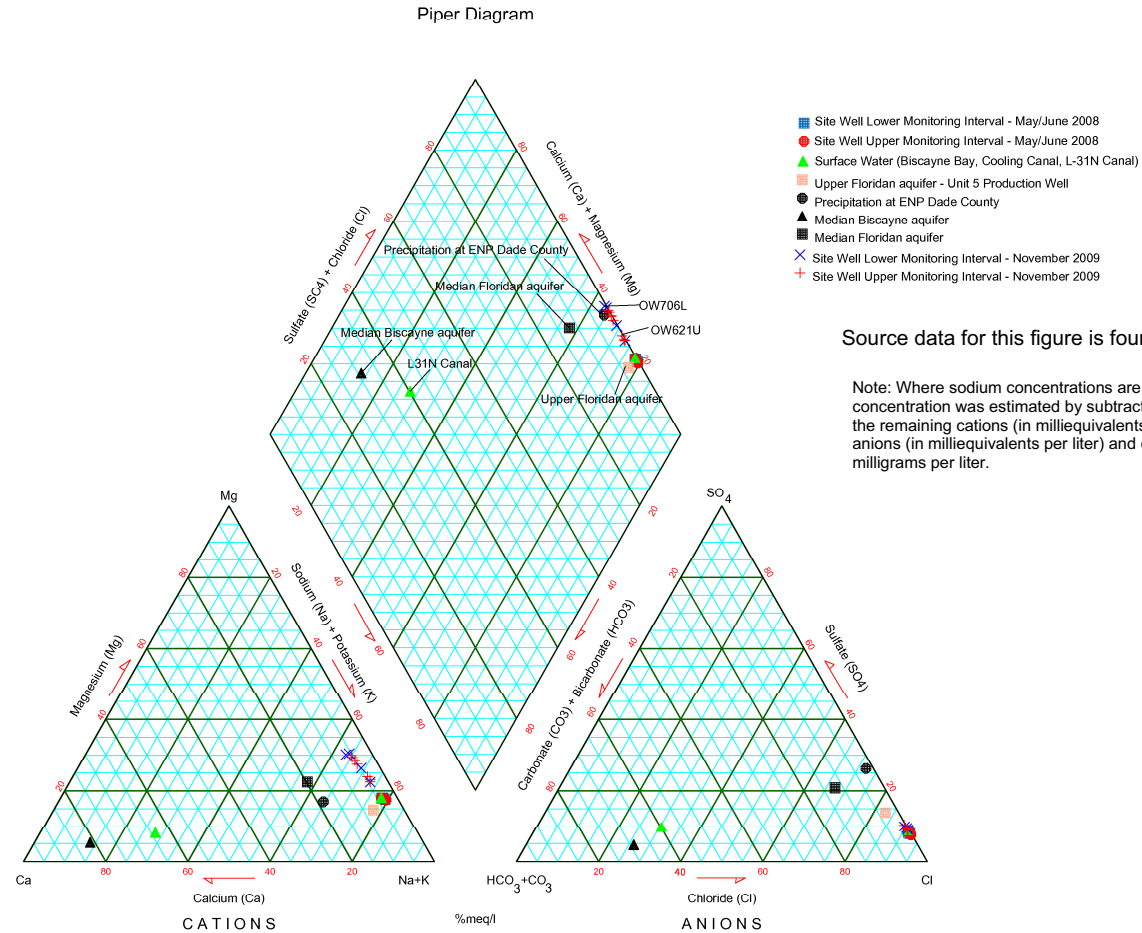


Modified from [Reference 210](#)

Turkey Point Units 6 & 7
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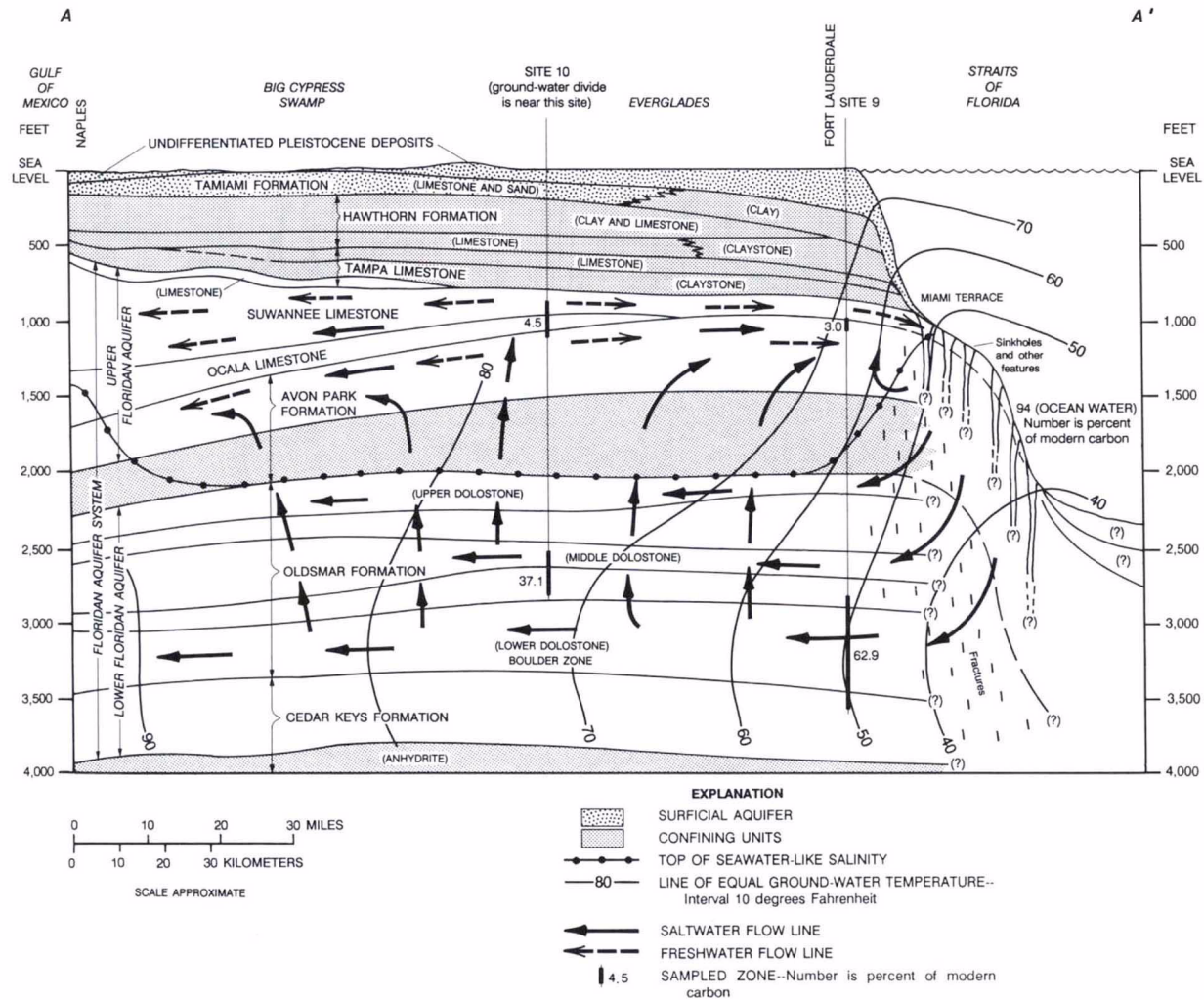
PTN COL 2.4-4

Figure 2.4.12-242 Piper Trilinear Diagram of Hydrogeochemical Samples



Turkey Point Units 6 & 7
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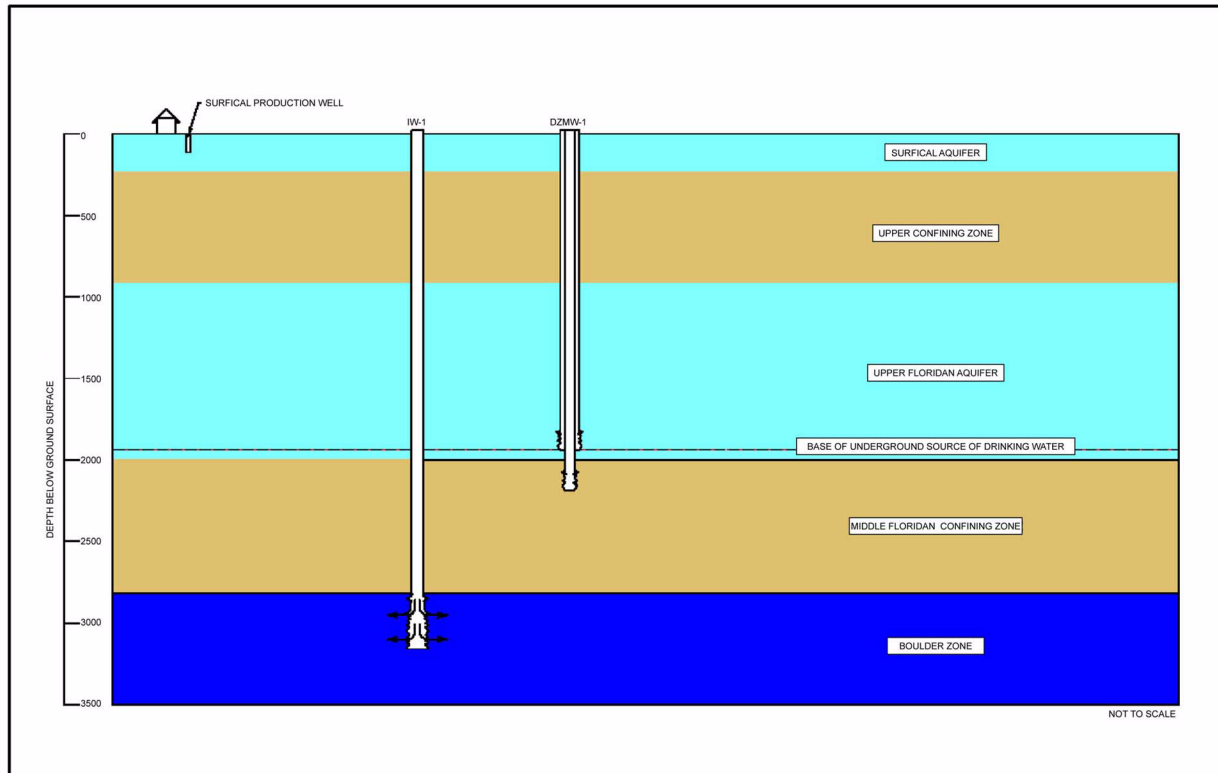
Figure 2.4.12-243 Generalized Hydrogeologic Section



Source: Reference 215

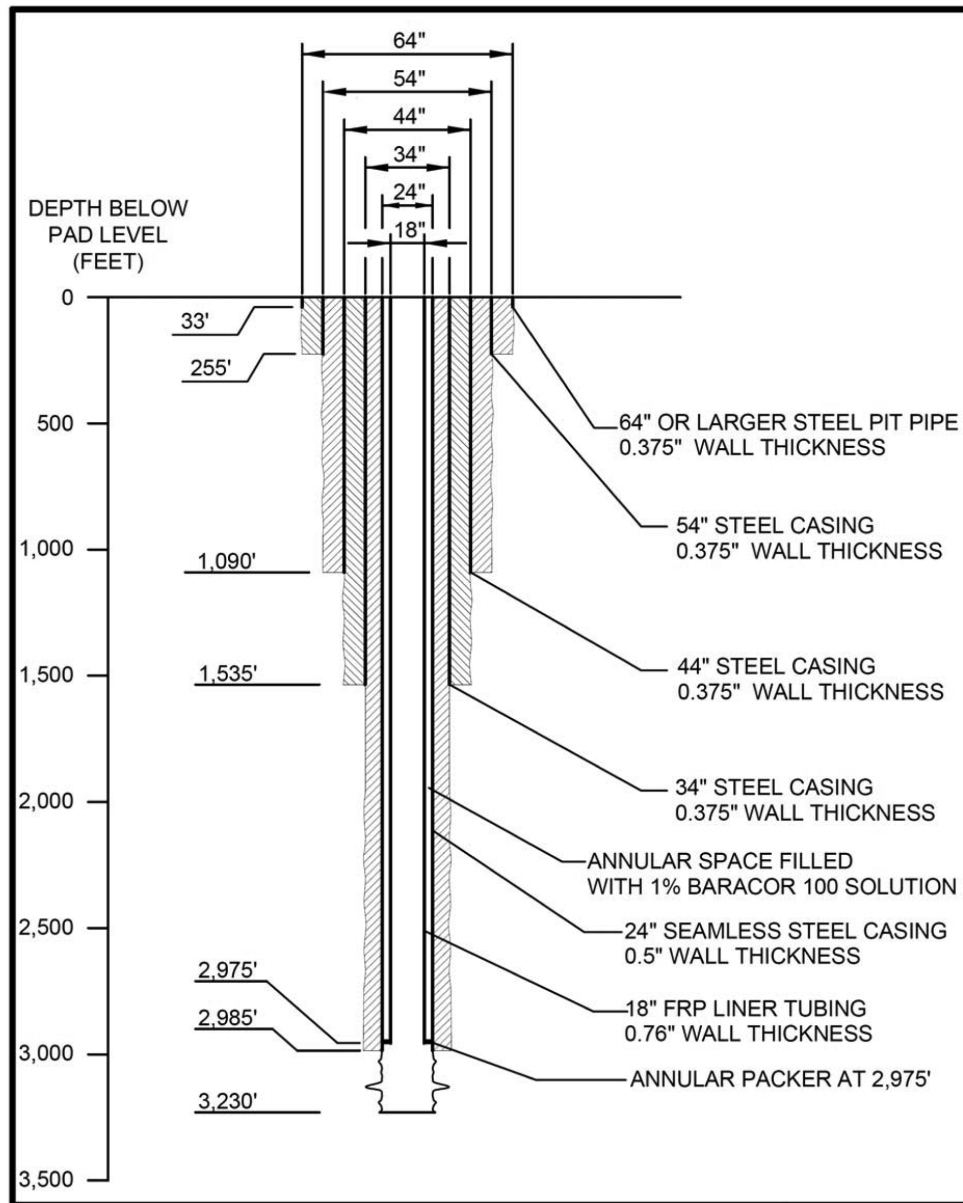
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Figure 2.4.12-244 Typical Injection Well System



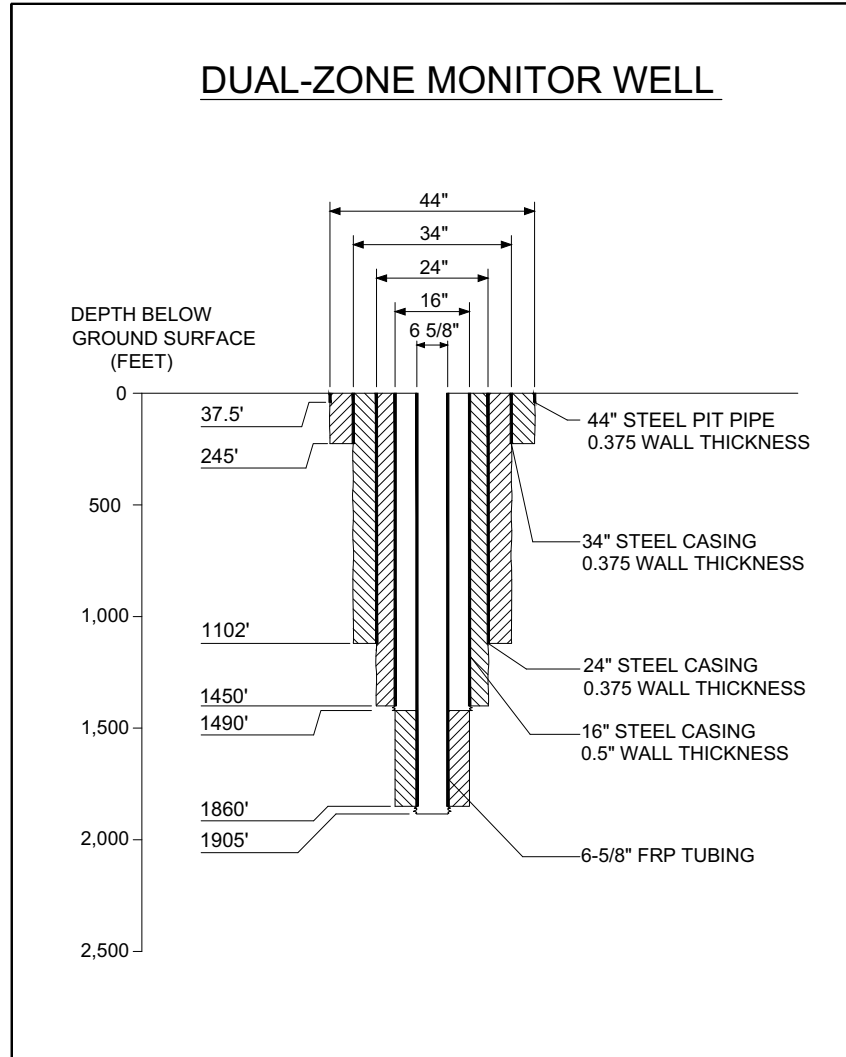
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Figure 2.4.12-245 Design of Exploratory Well EW-1



Modified from: [Reference 260](#)

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



Modified from: [Reference 261](#)

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Figure 2.4.12-247 Subsurface Hydrostatic Loading

