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

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

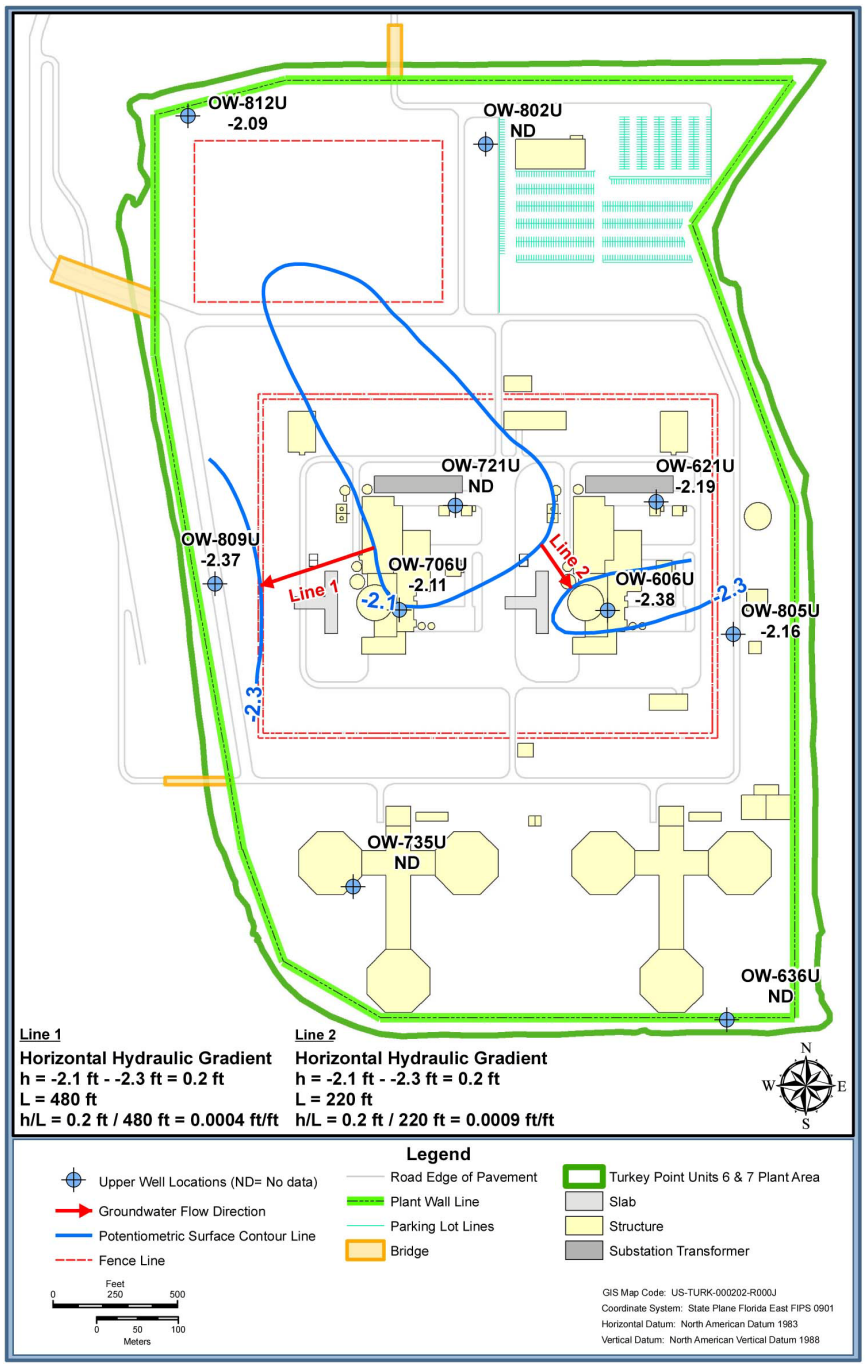


Figure 2.4.12-227 Biscayne Aquifer Potentiometric Surface Map, Upper Monitoring Interval, January 20-21, 2009 (Sheet 1 of 2) High Tide

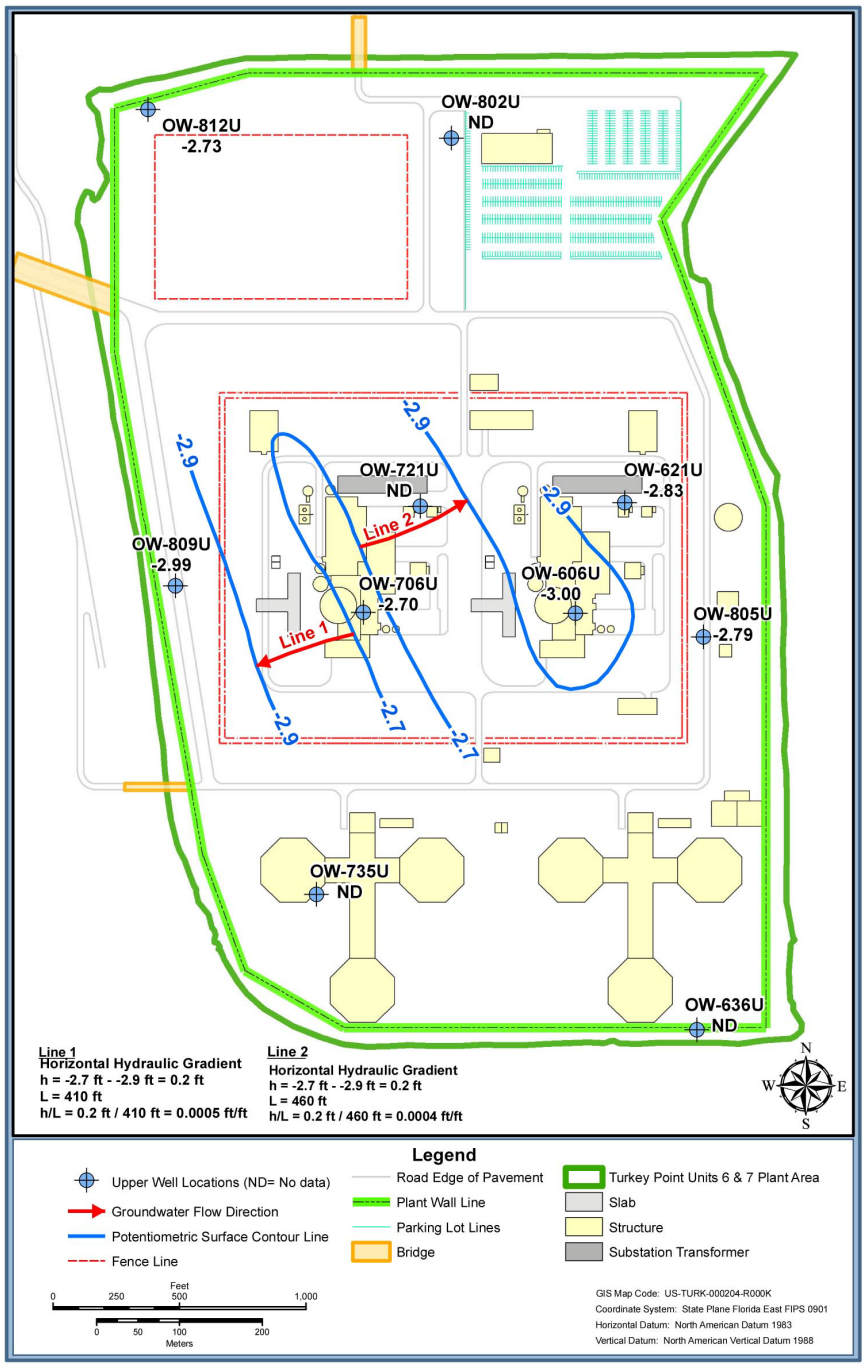


Figure 2.4.12-227 Biscayne Aquifer Potentiometric Surface Map, Upper Monitoring Interval, January 20-21, 2009 (Sheet 2 of 2) Low Tide

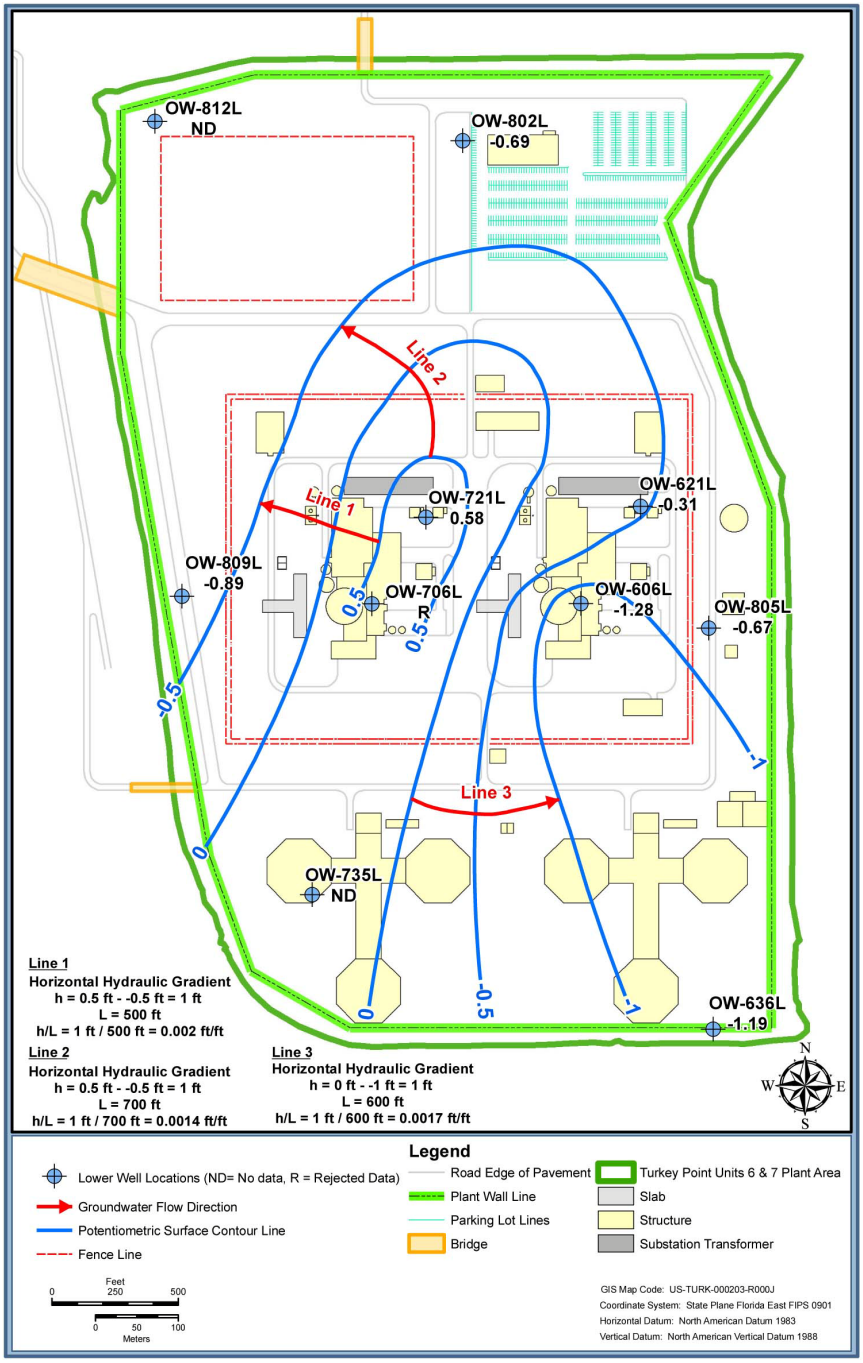


Figure 2.4.12-228 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, January 20-21, 2009 (Sheet 1 of 2) High Tide

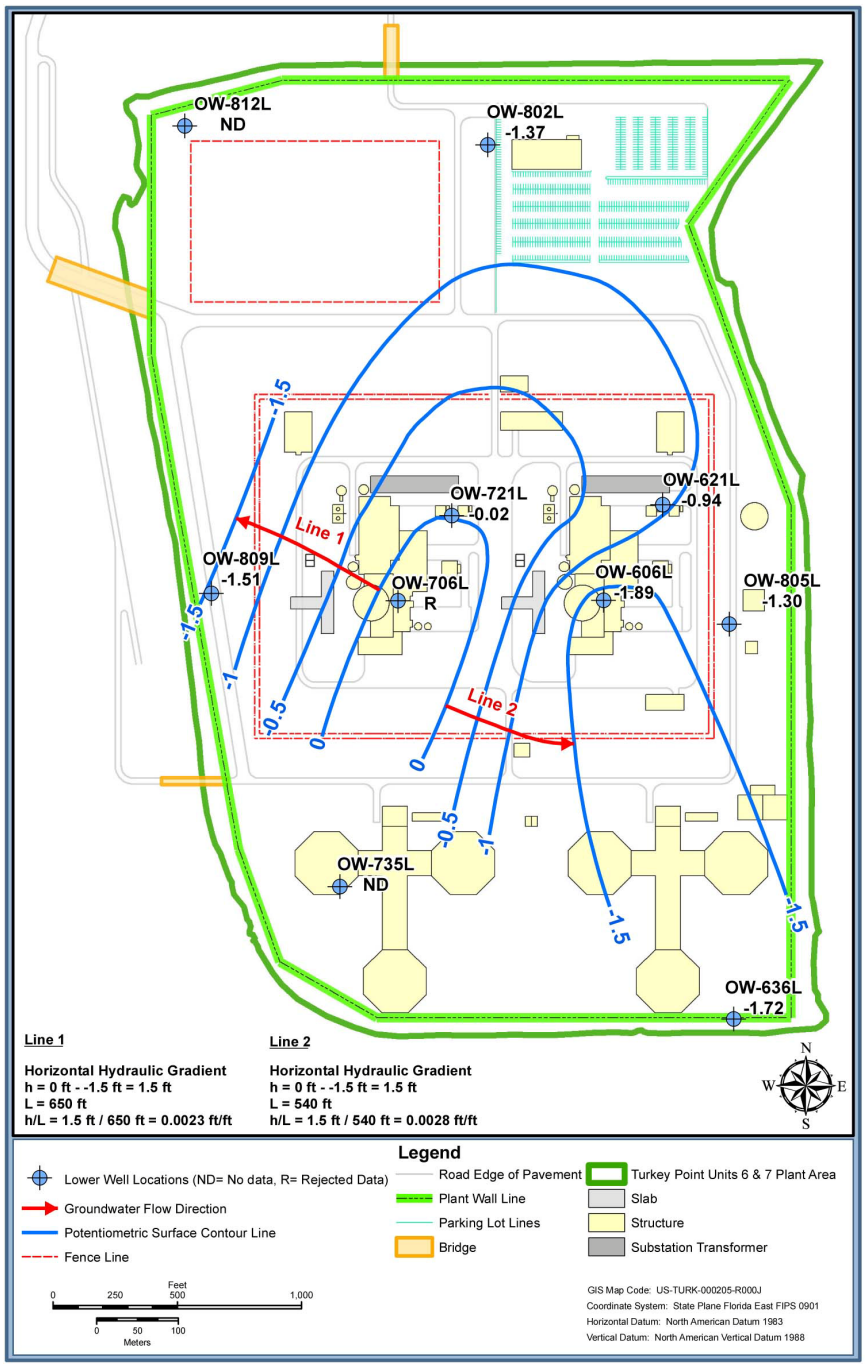
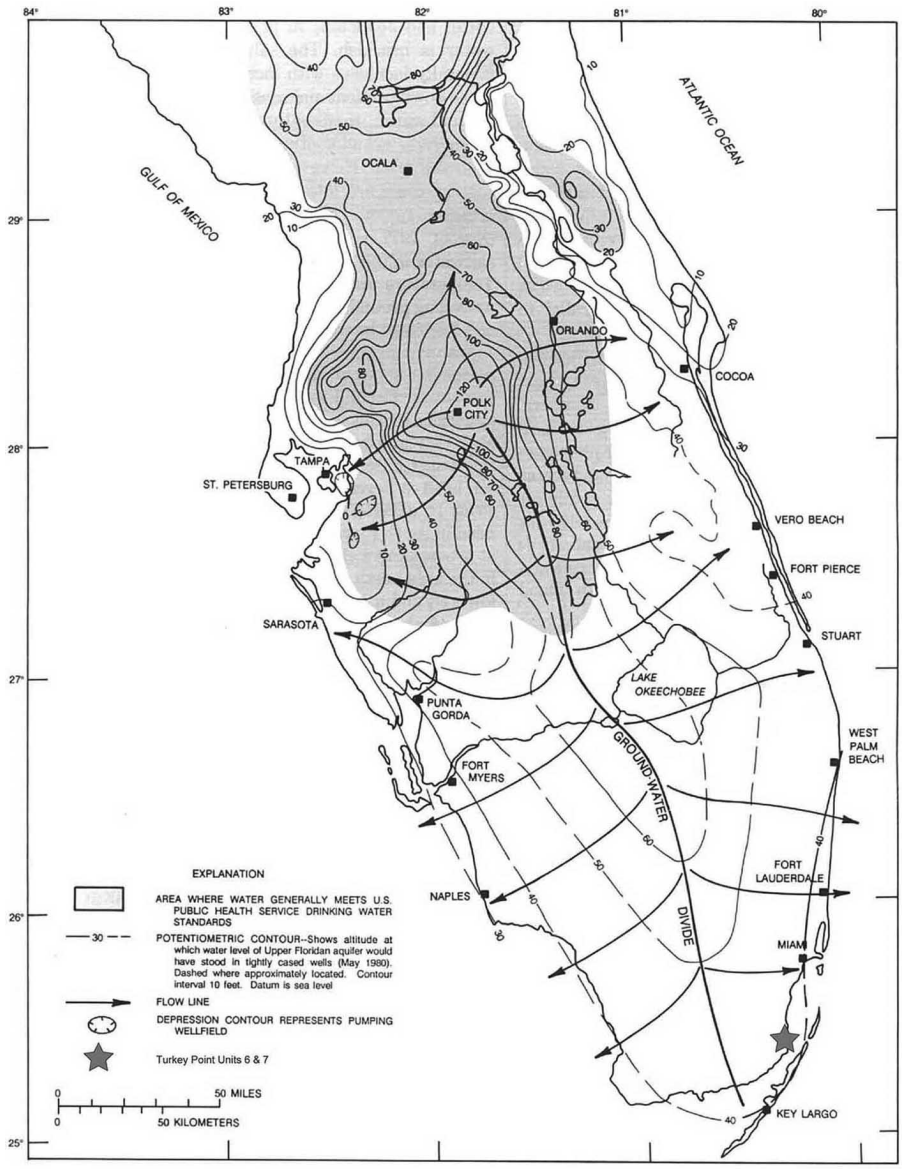


Figure 2.4.12-228 Biscayne Aquifer Potentiometric Surface Map, Lower Monitoring Interval, January 20-21, 2009 (Sheet 2 of 2) Low Tide



Modified from Reference 215

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

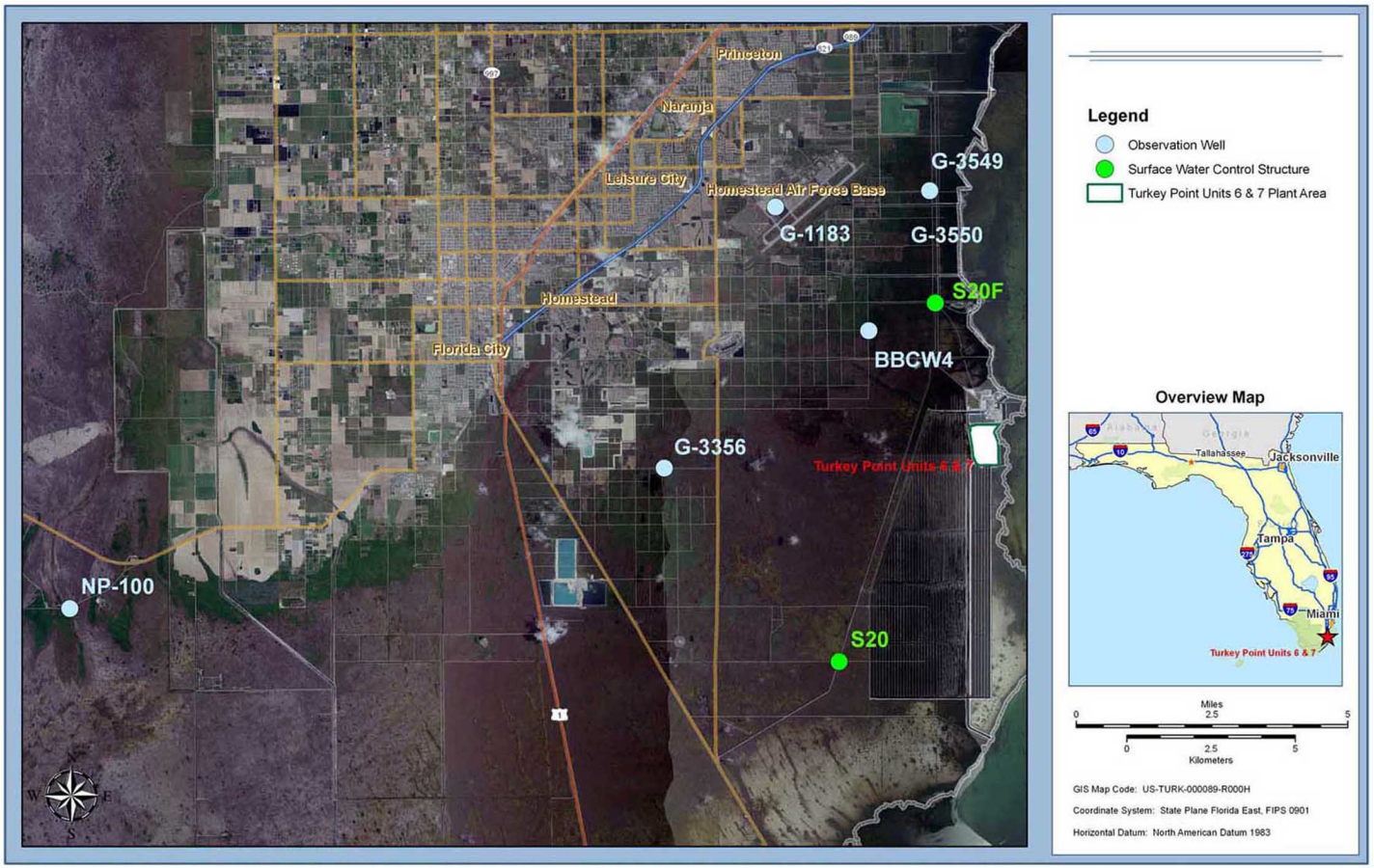
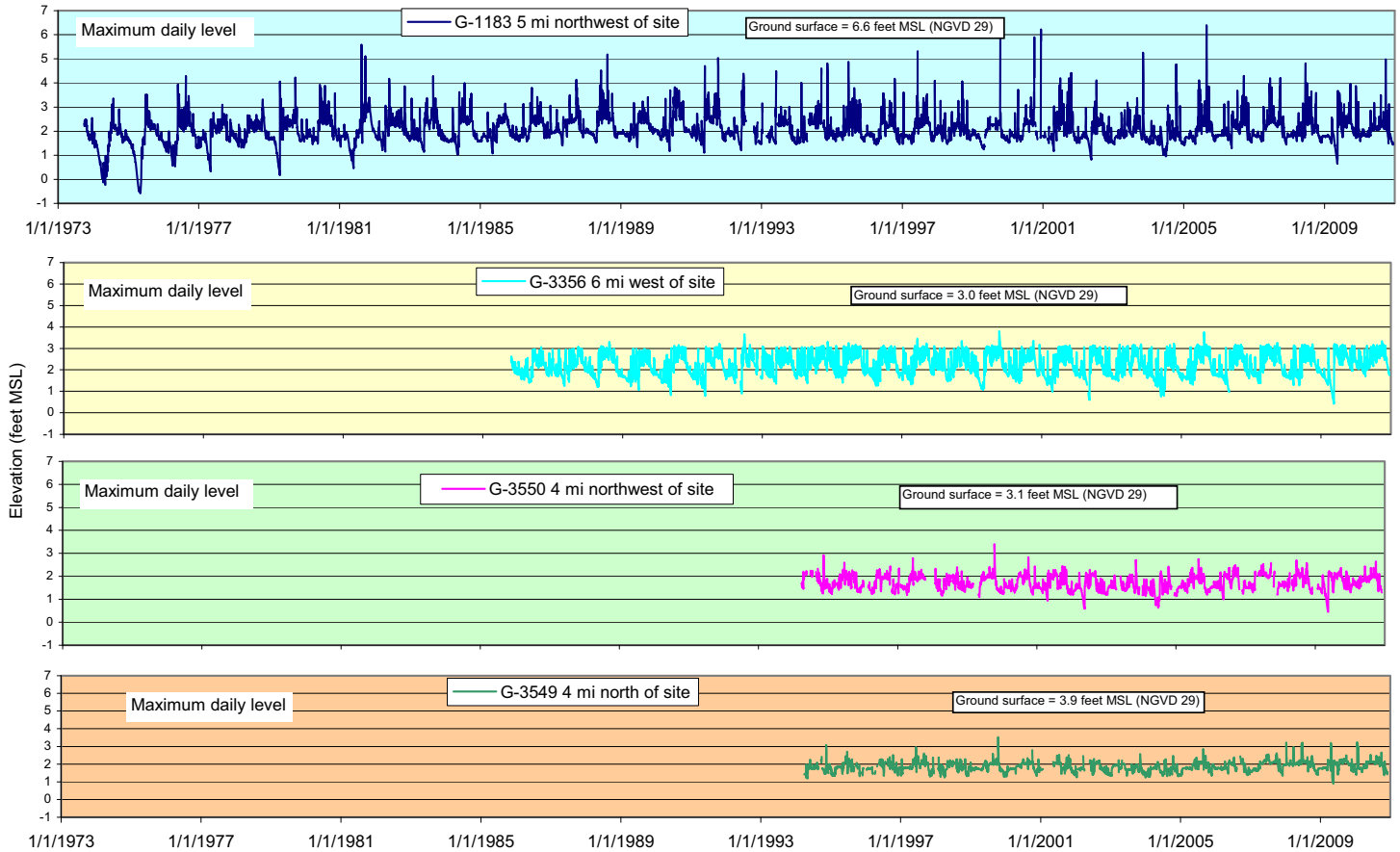
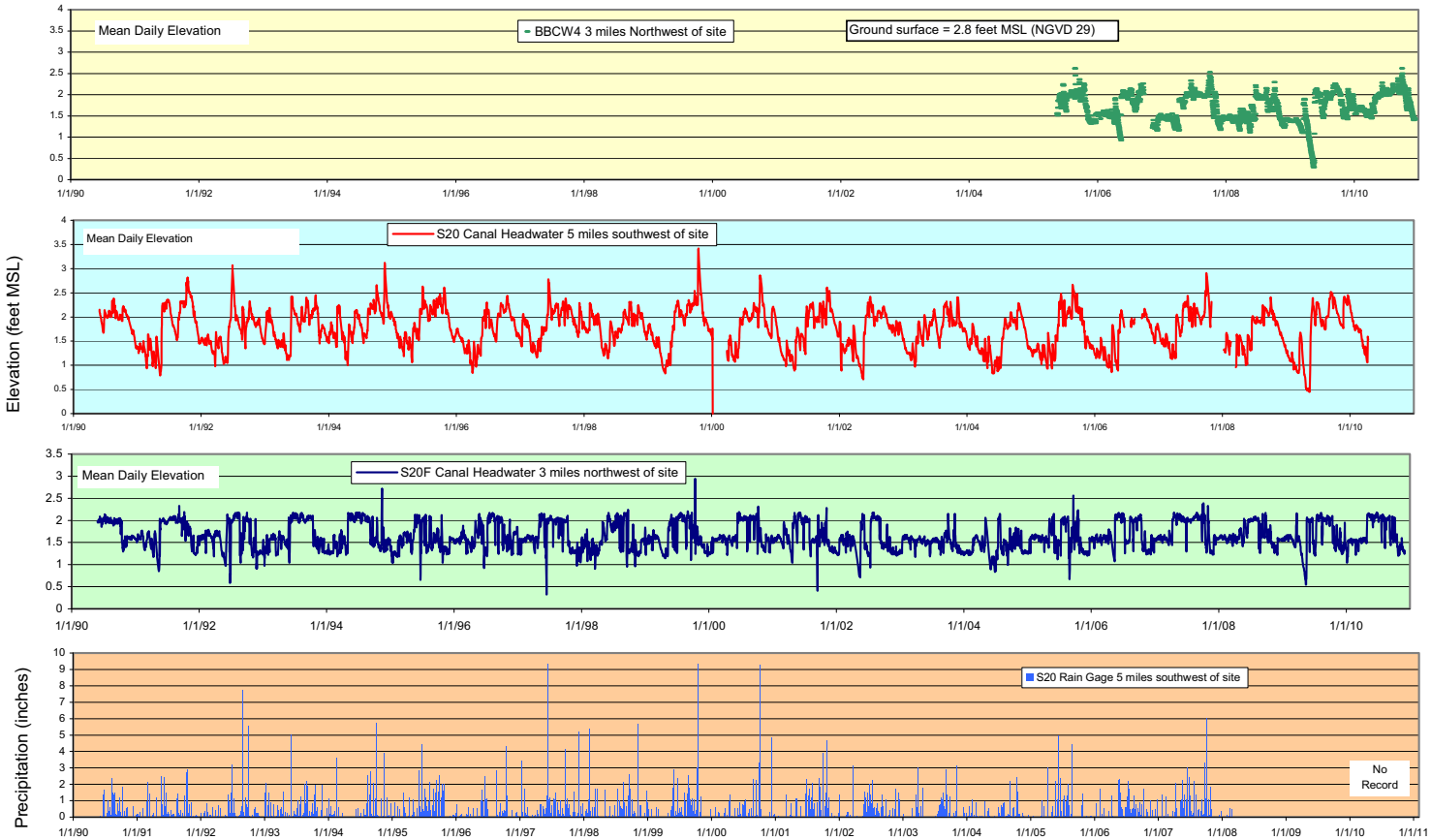


Figure 2.4.12-230 Observation Wells and Surface Water Monitoring Locations in the Turkey Point Vicinity



Source: Reference 232

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



Source: Reference 233

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

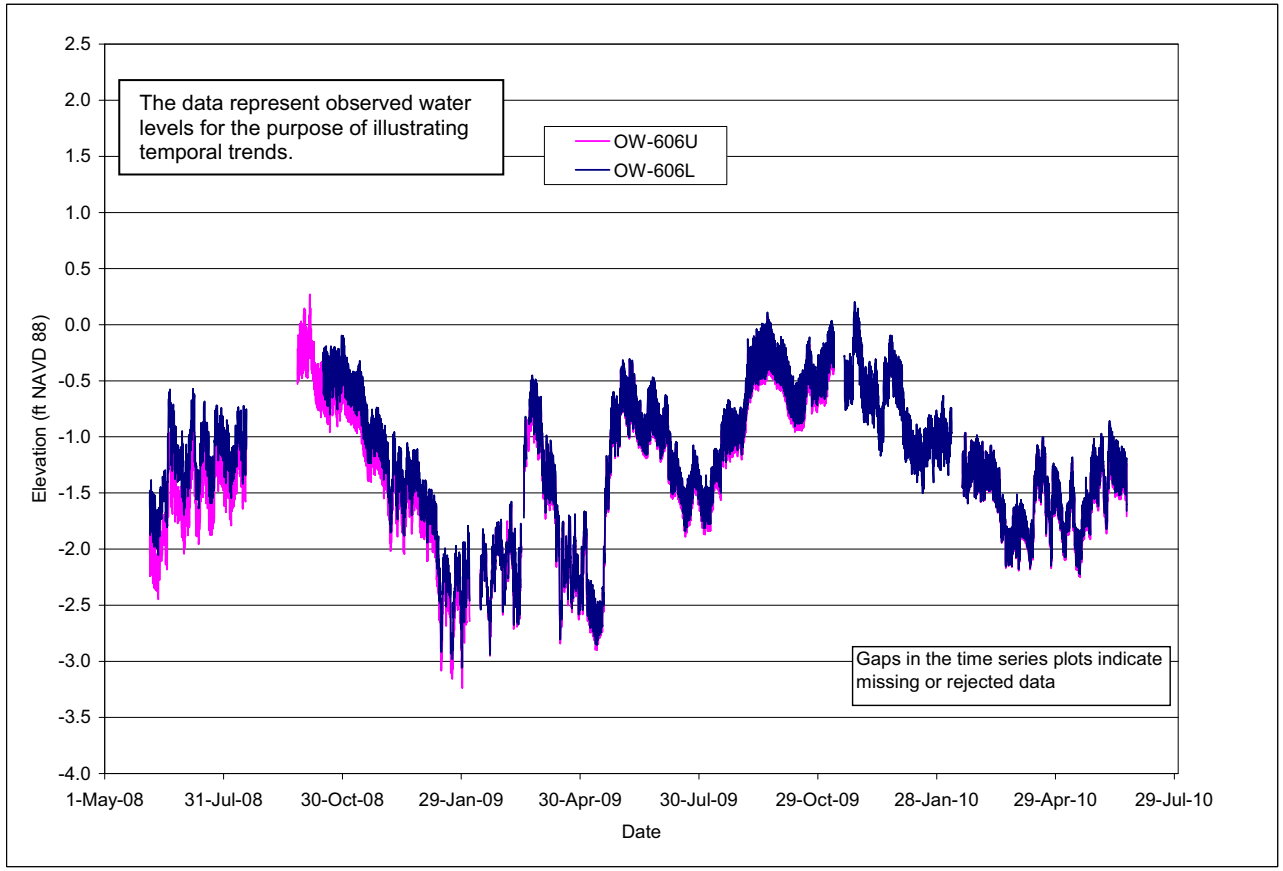


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 1 of 11)

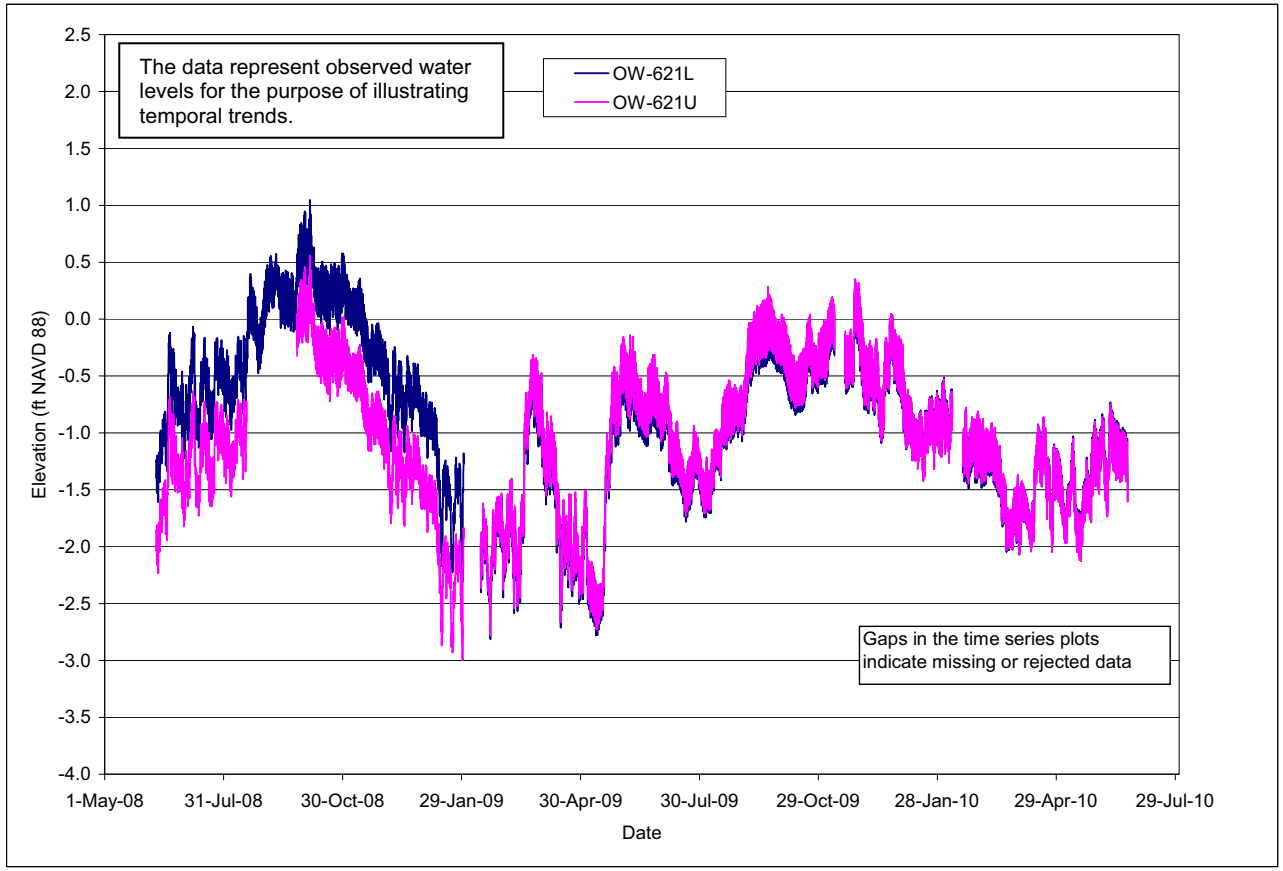


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 2 of 11)

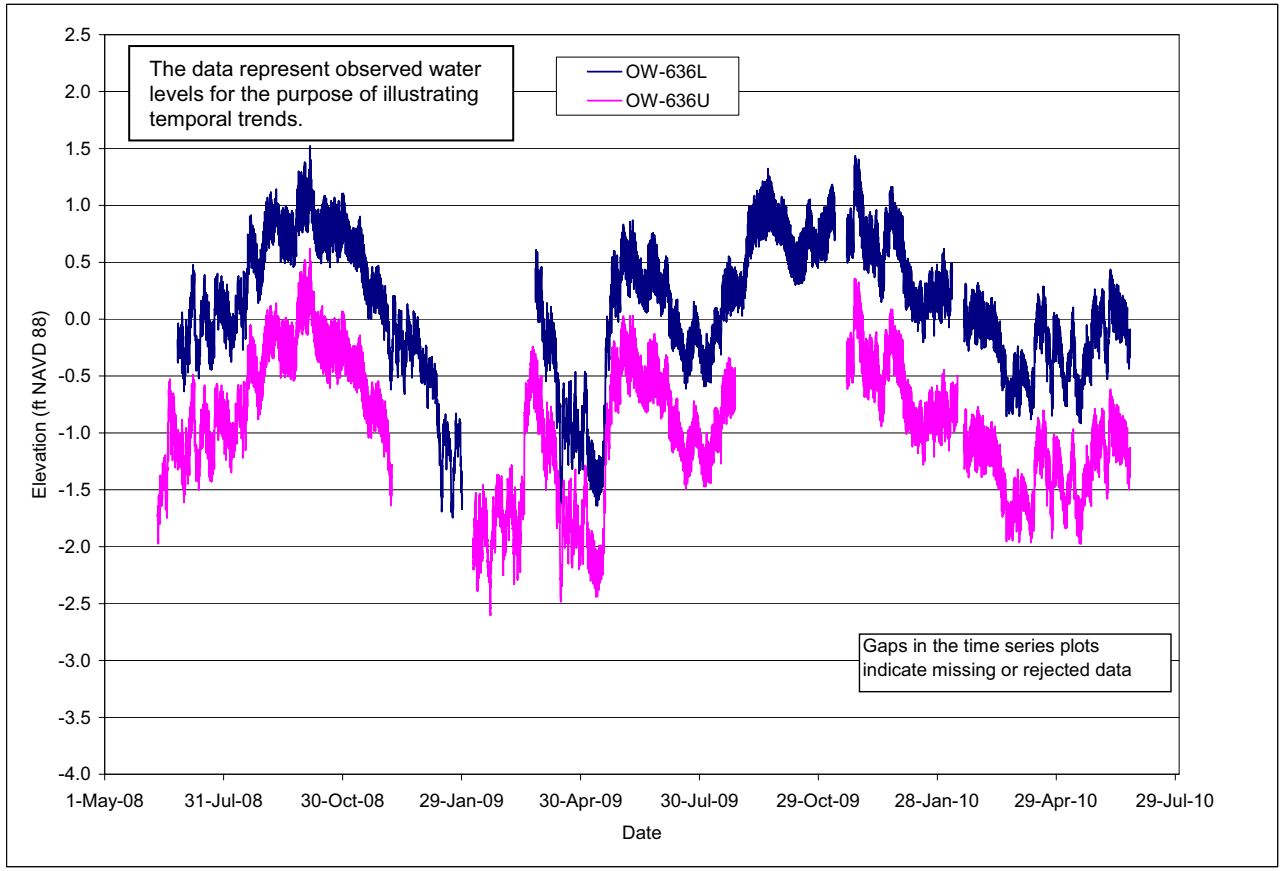


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 3 of 11)

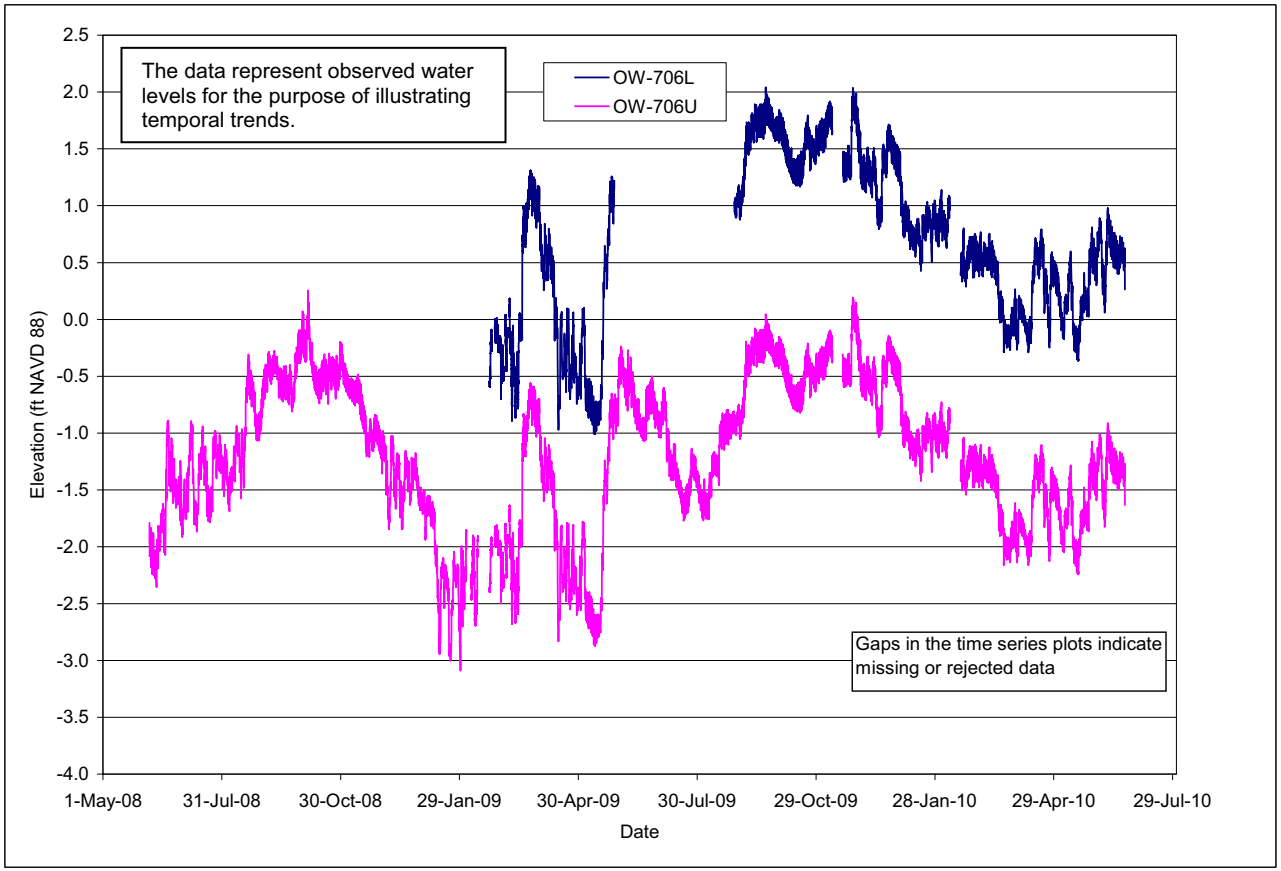


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 4 of 11)

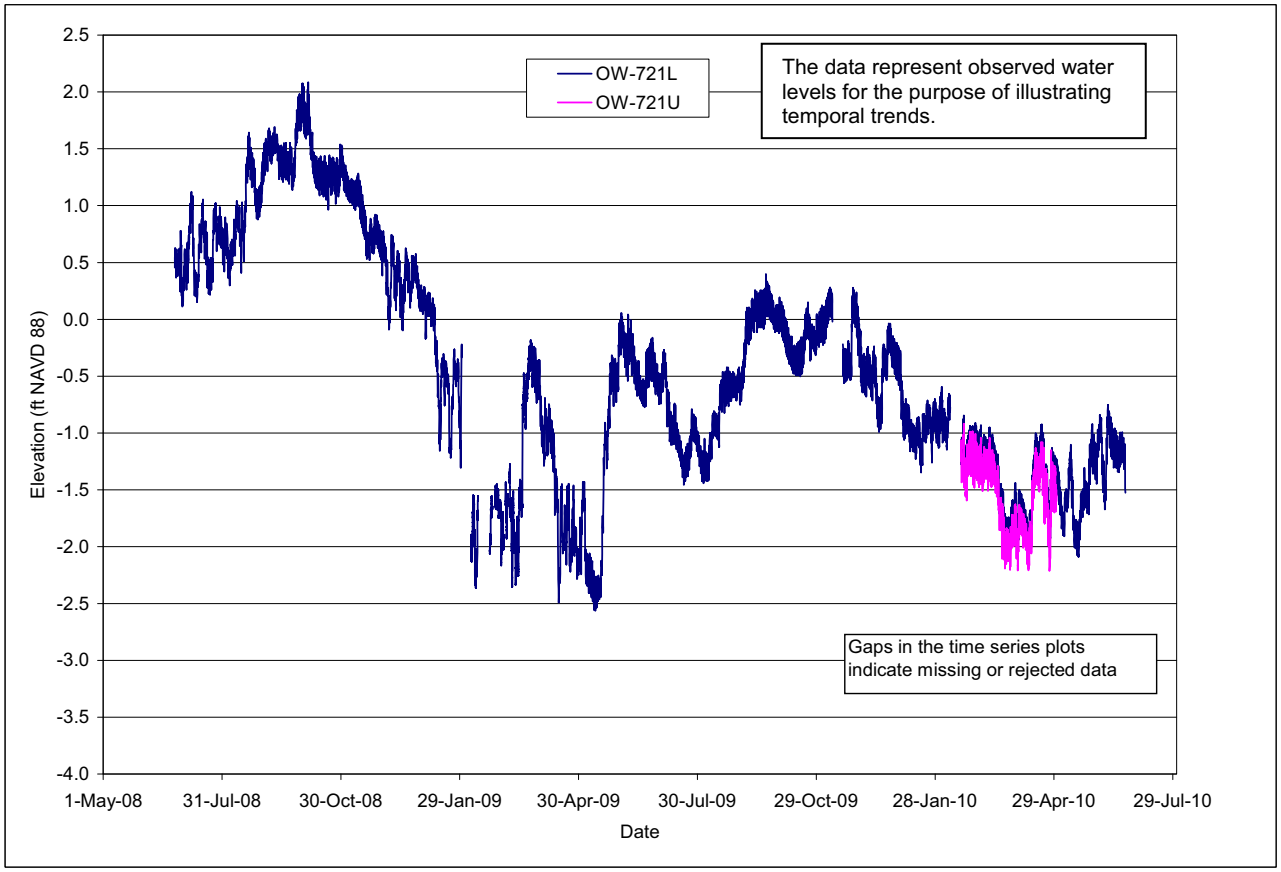


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 5 of 11)

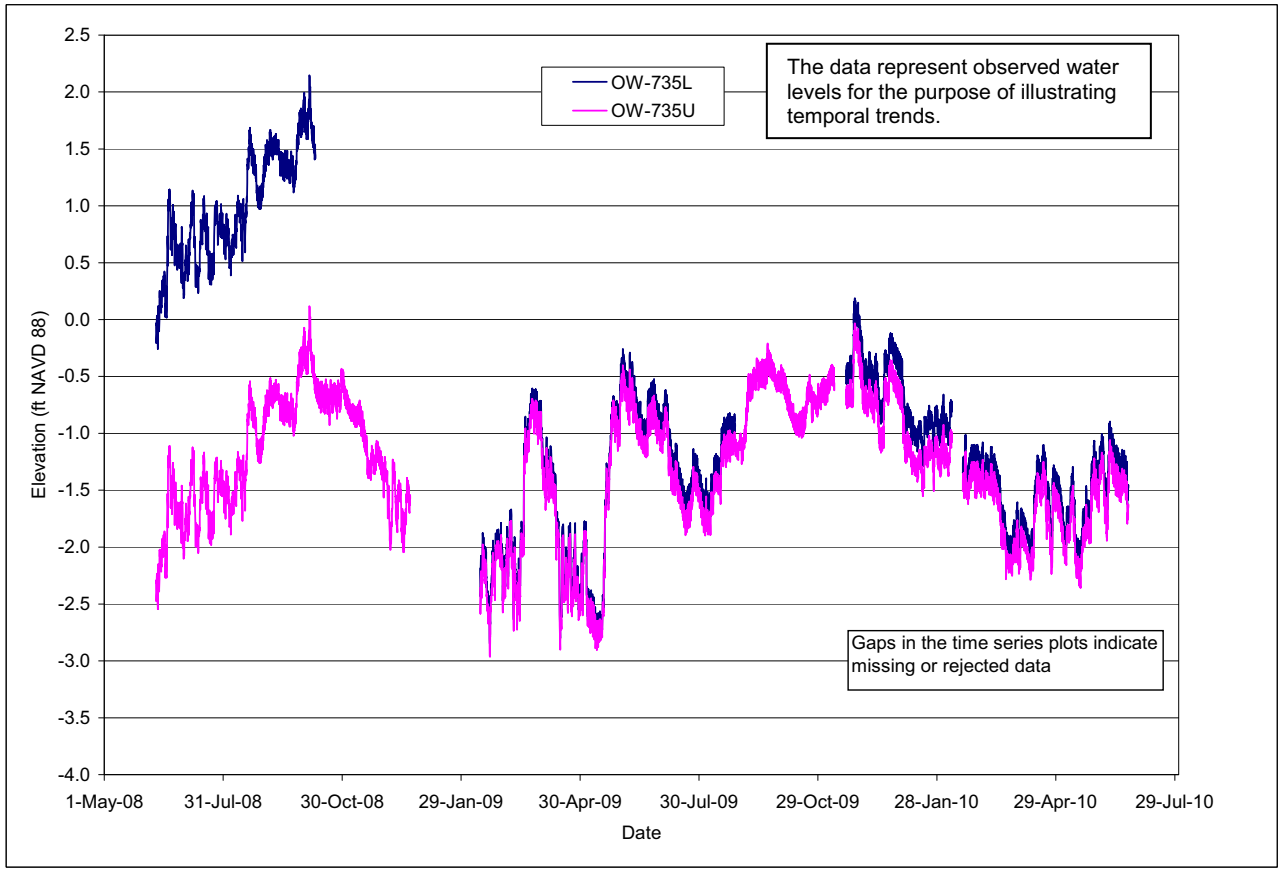


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 6 of 11)

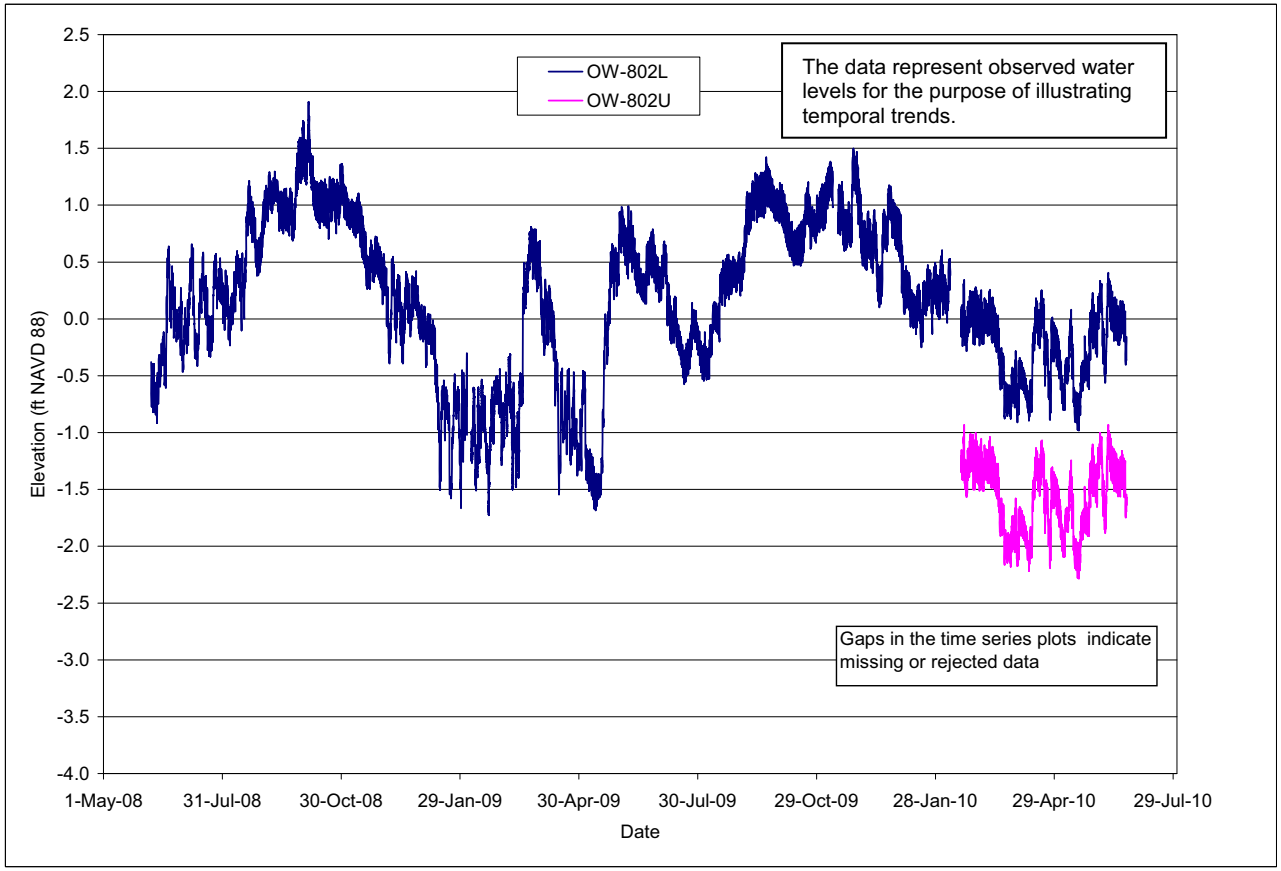


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 7 of 11)

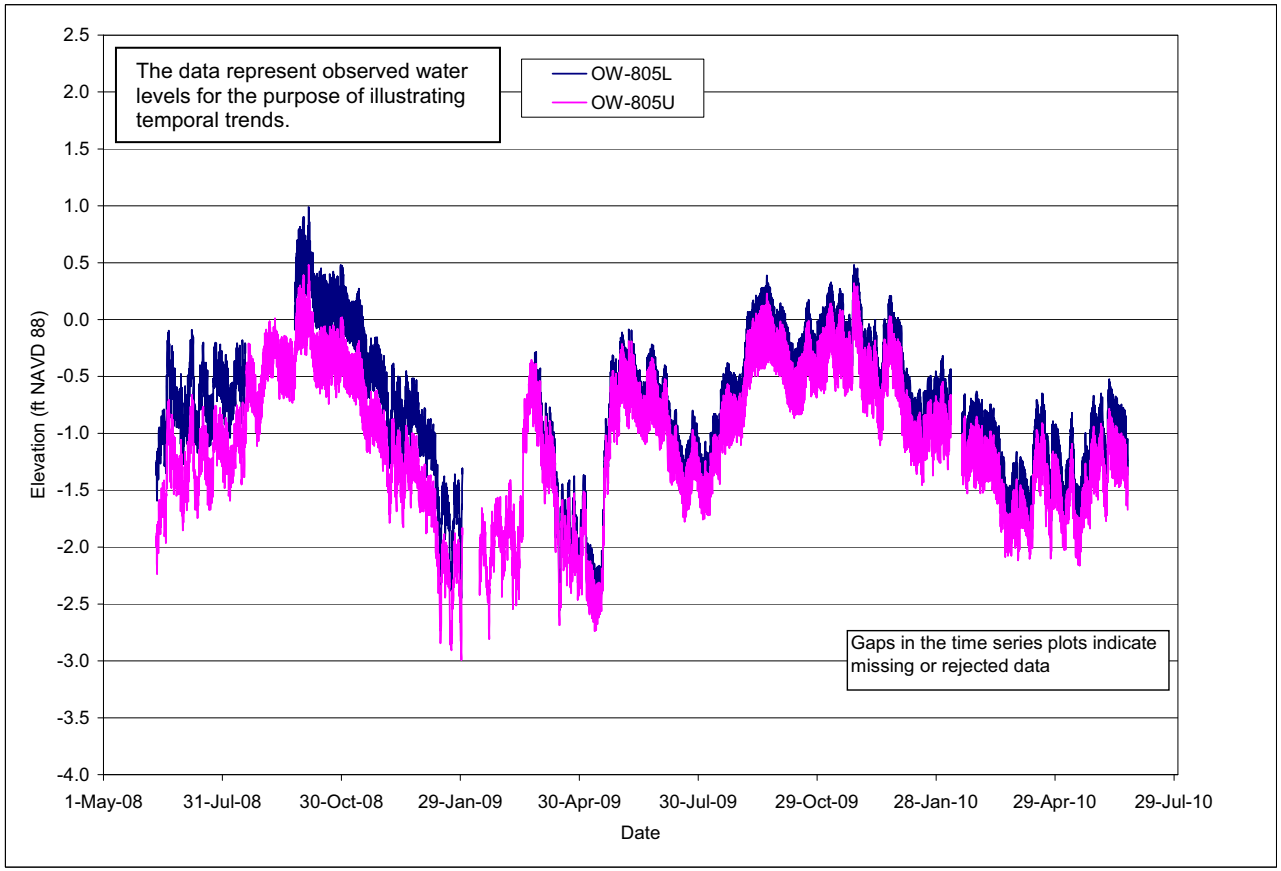


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 8 of 11)

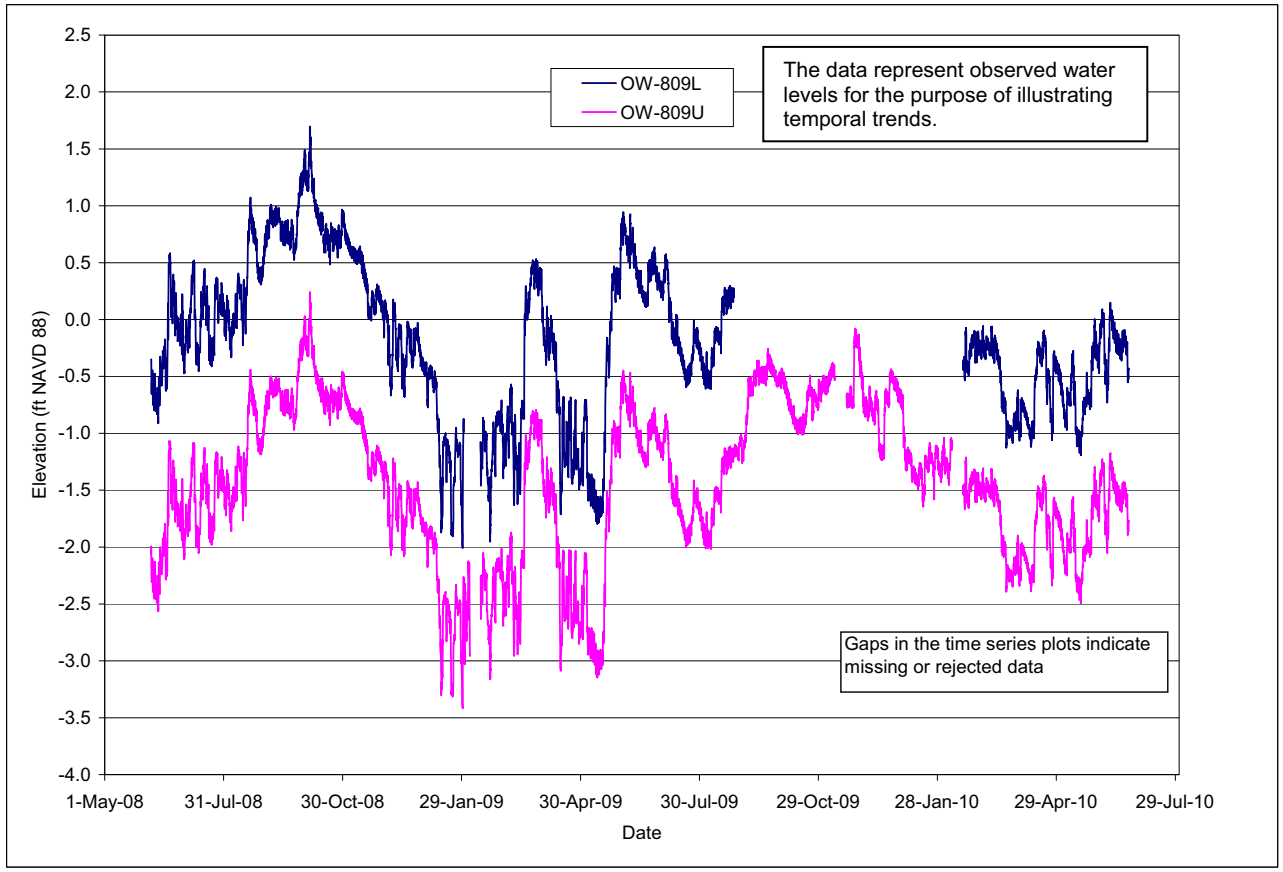


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 9 of 11)

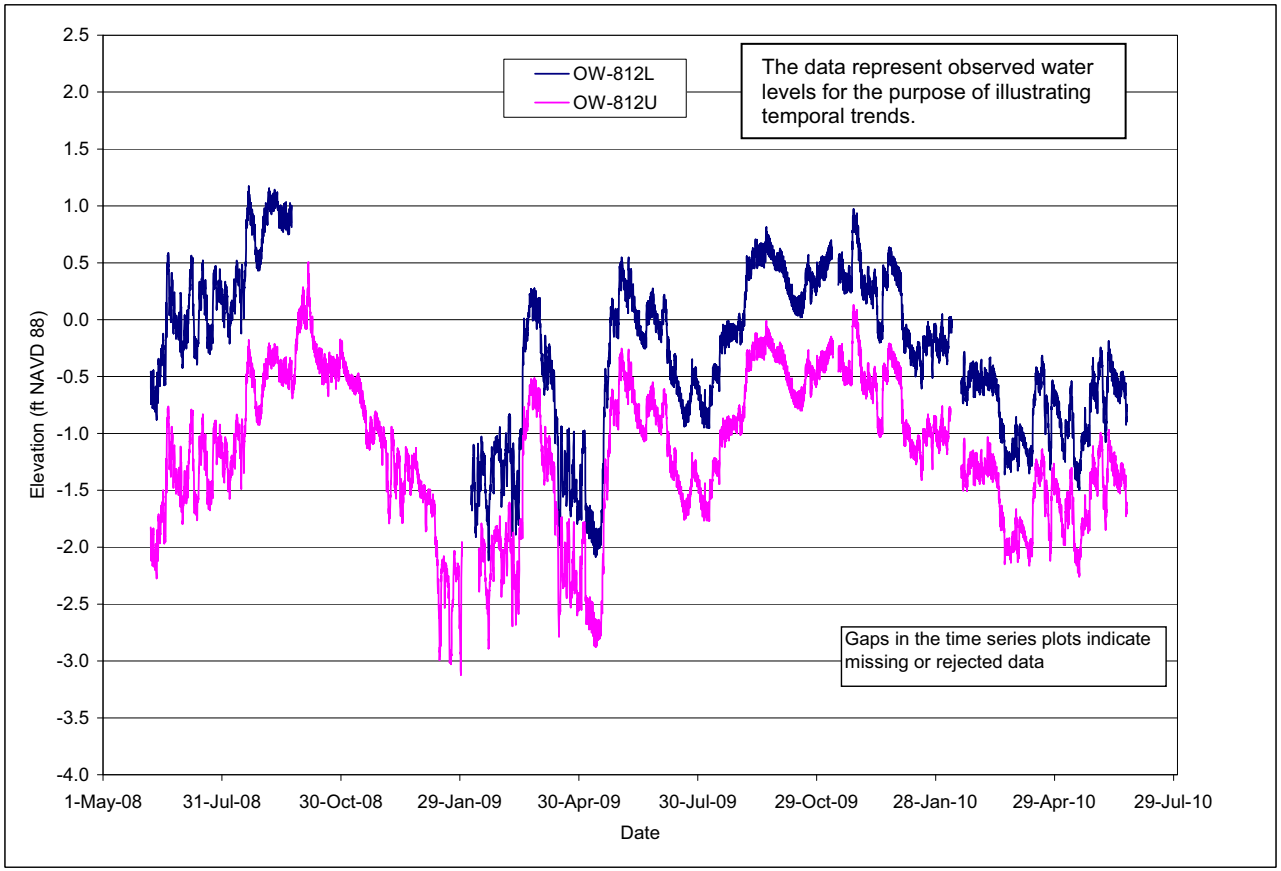


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 10 of 11)

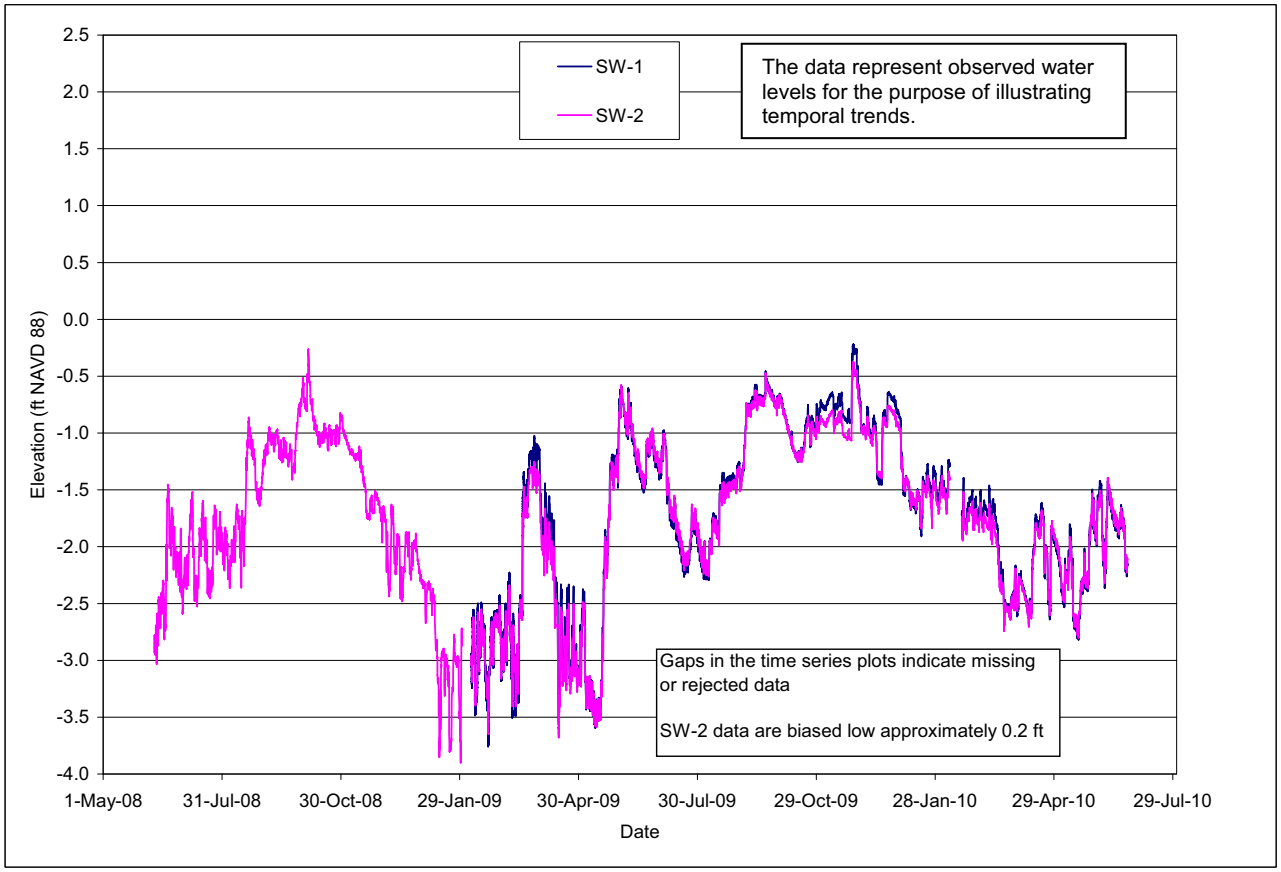
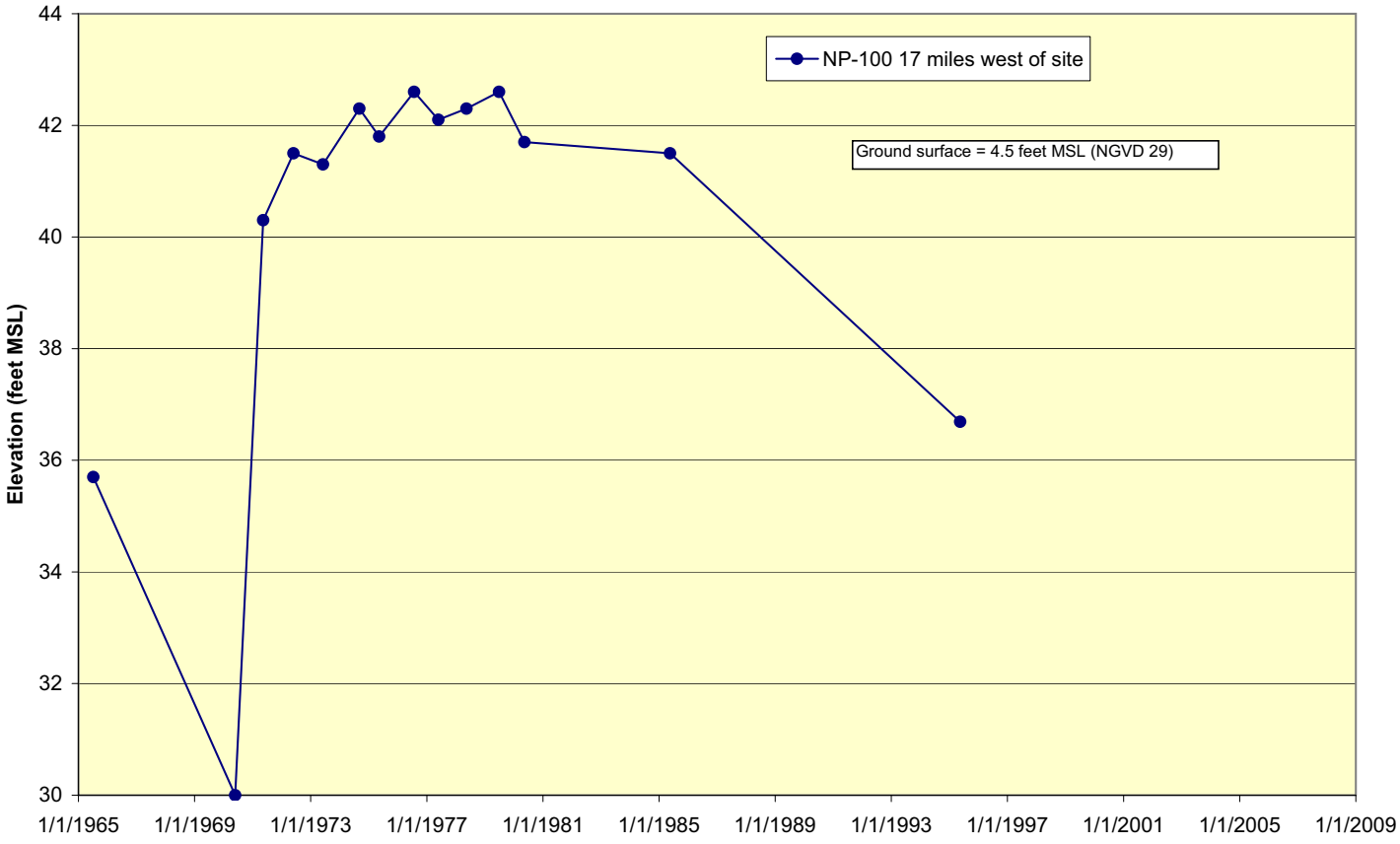


Figure 2.4.12-233 Hydrographs of Units 6 & 7 Biscayne Aquifer Observation Wells (Sheet 11 of 11)



Source: Reference 234

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

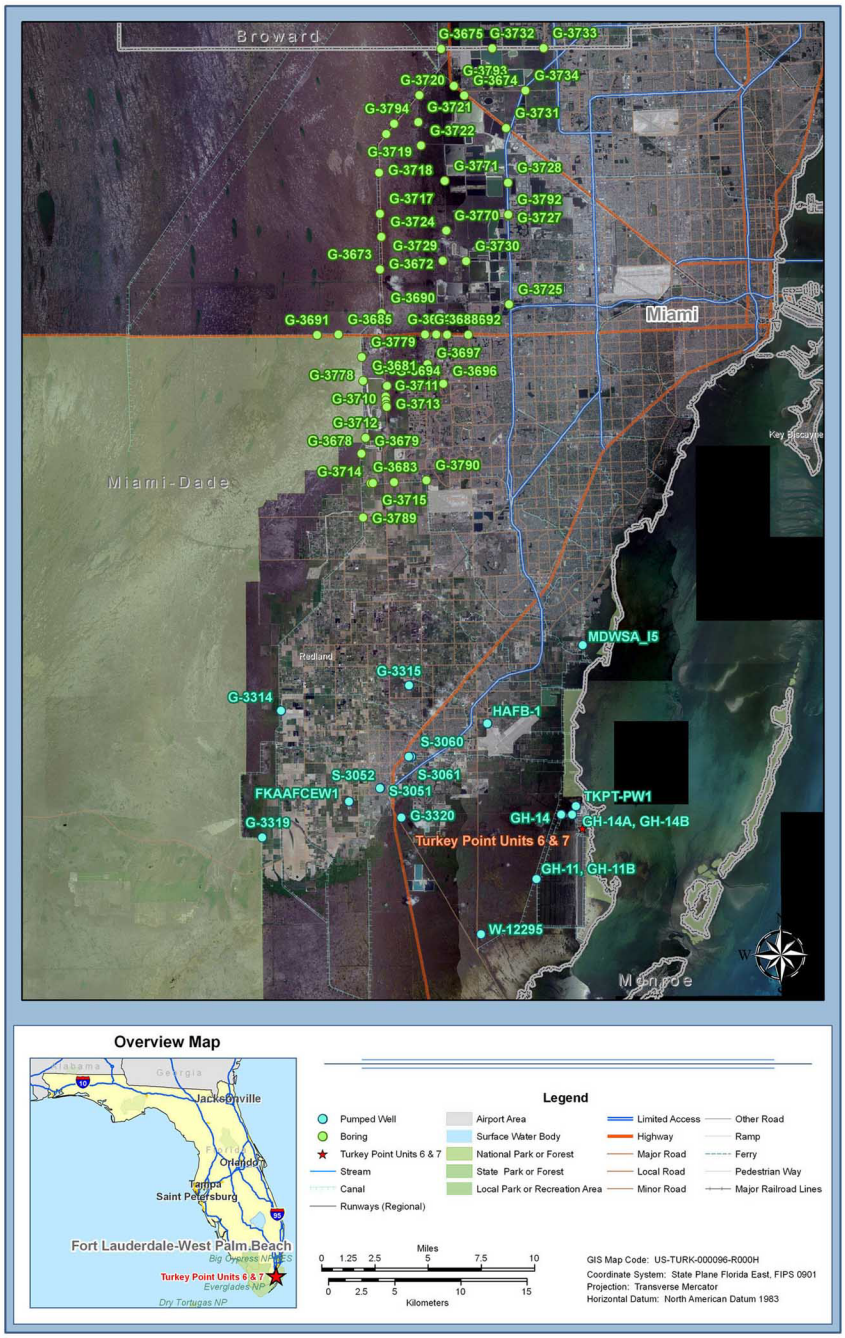
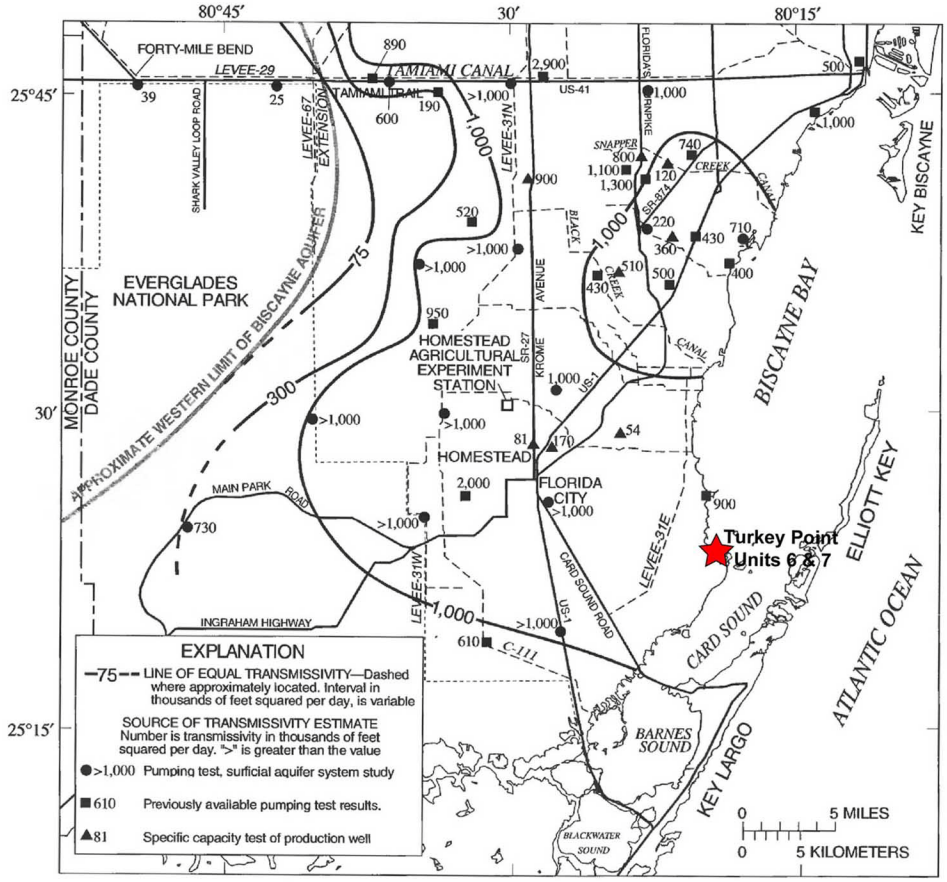
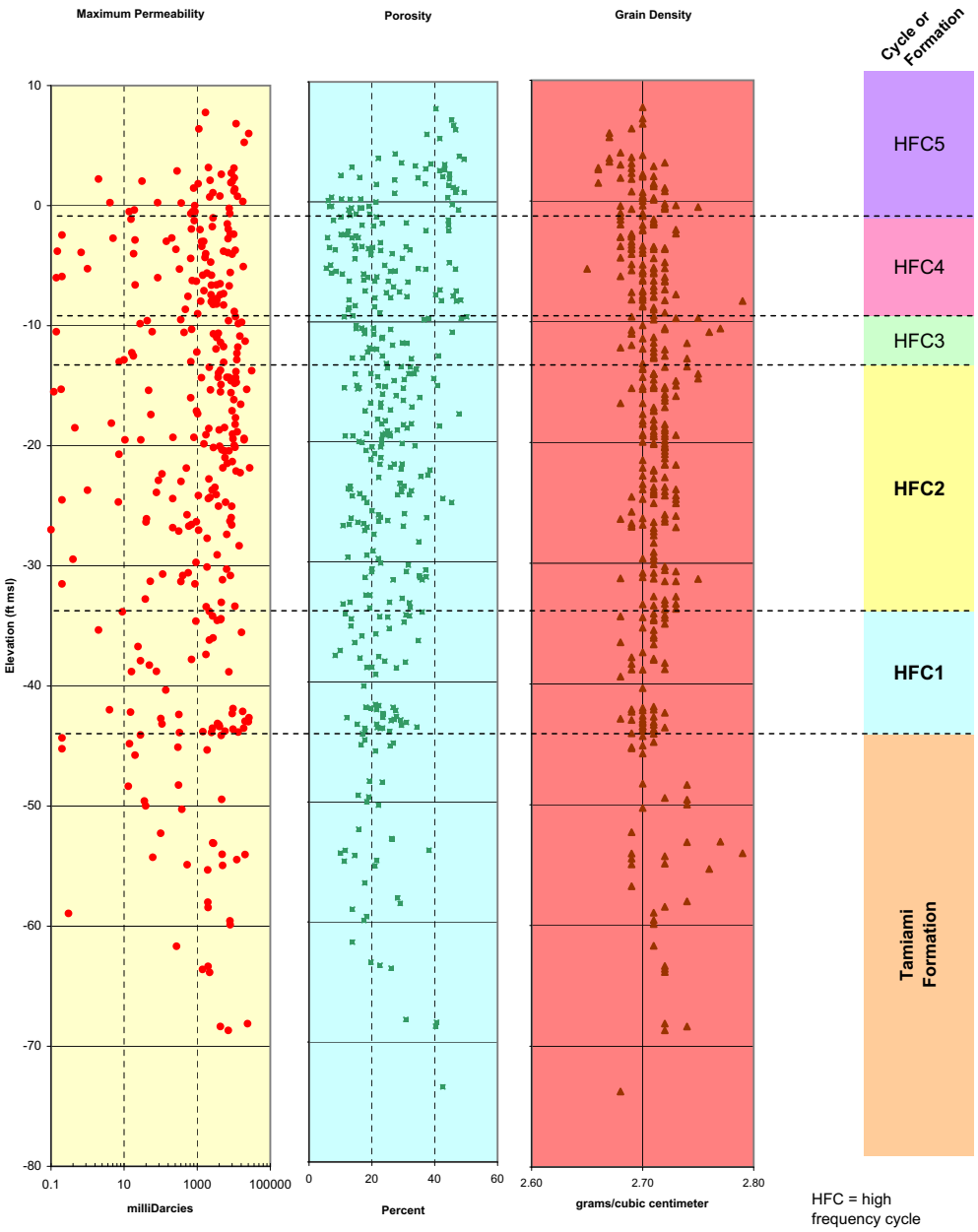


Figure 2.4.12-235 Regional Aquifer Test Locations



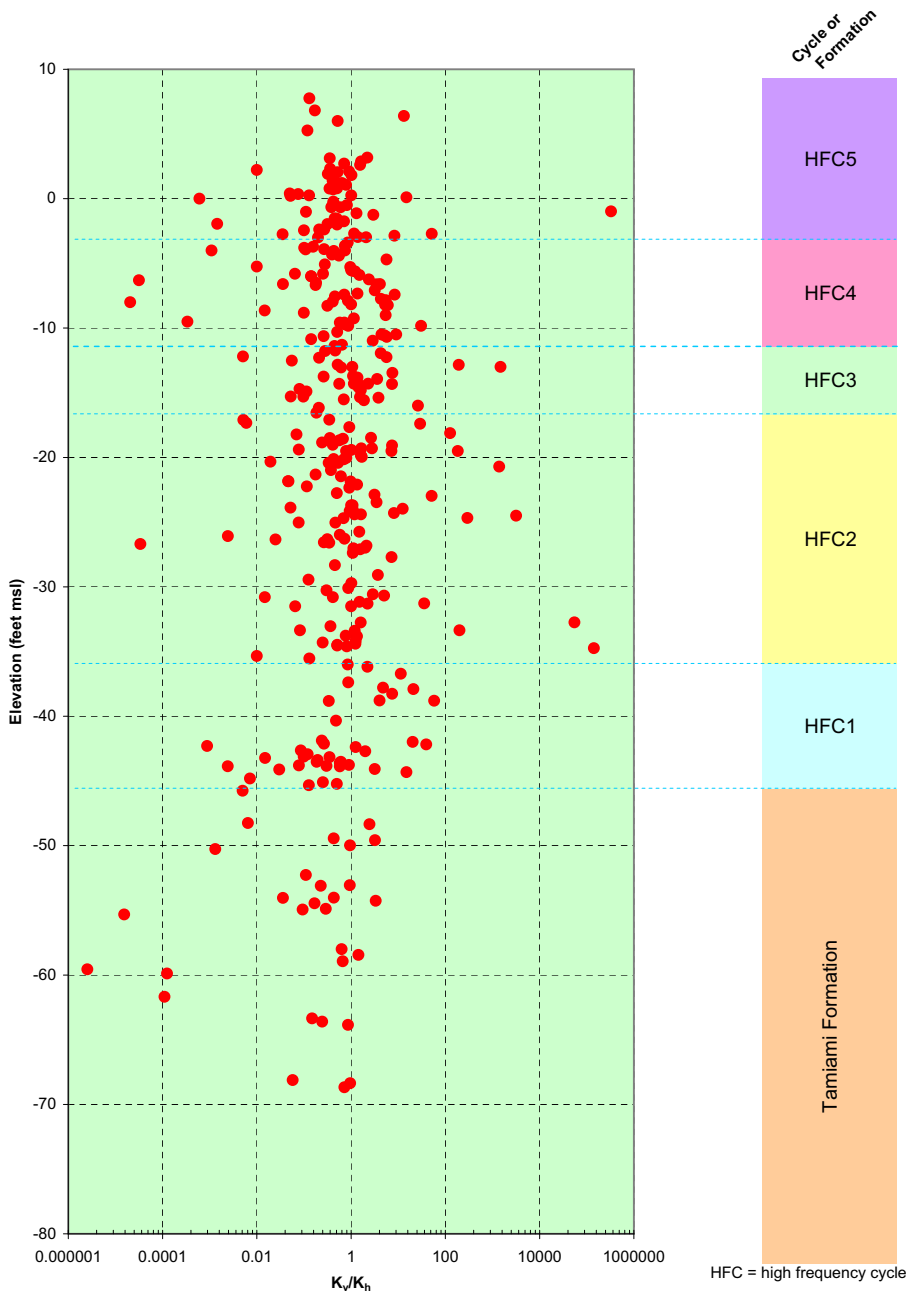
Modified from Reference 240

Figure 2.4.12-236 Biscayne Aquifer Regional Transmissivity



Source: Table 2.4.12-207

Figure 2.4.12-237 Formation Properties from Rock Core Testing



Source: Table 2.4.12-207

Figure 2.4.12-238 Vertical Anisotropy Ratio from Rock Core Testing

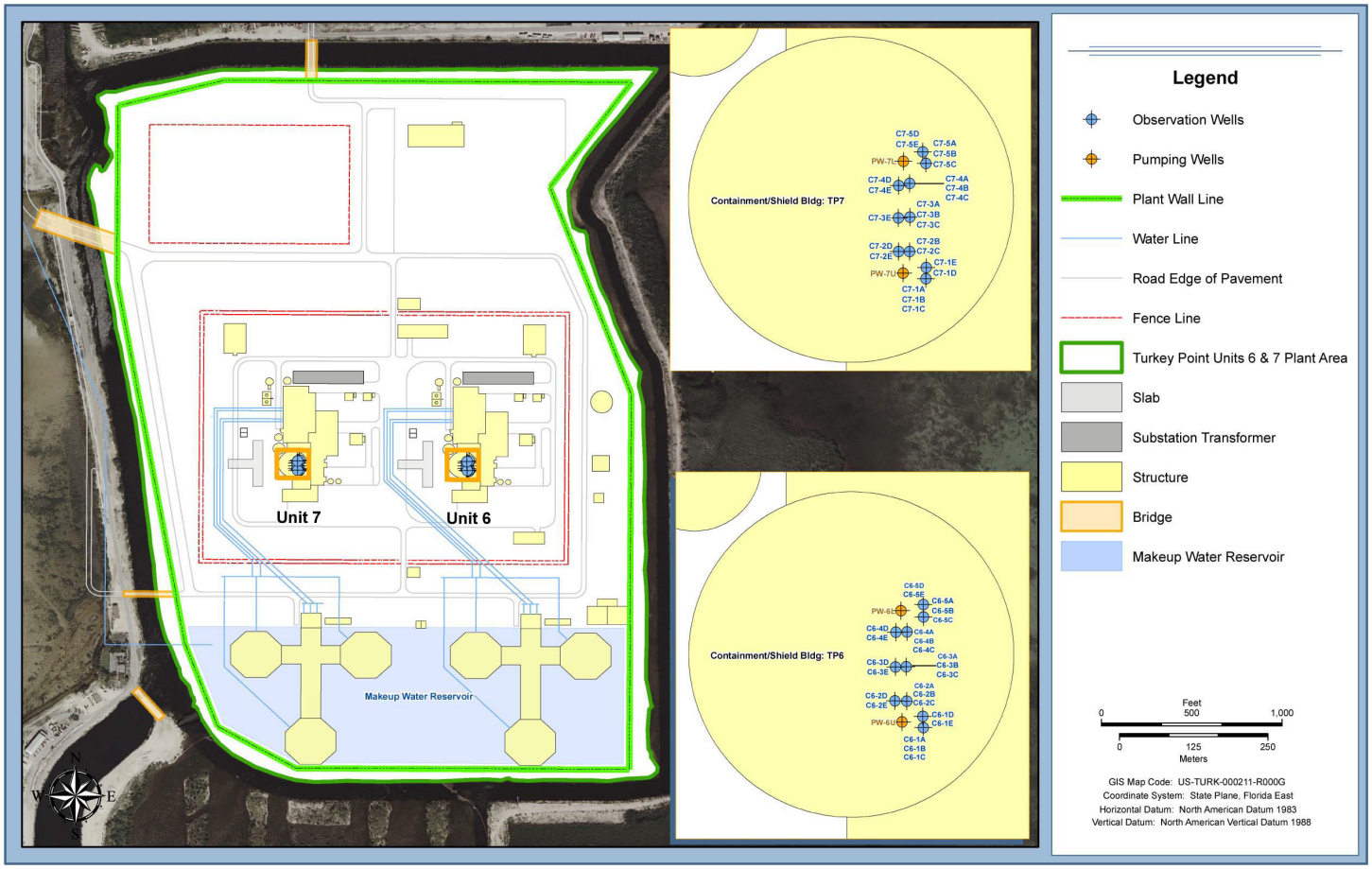
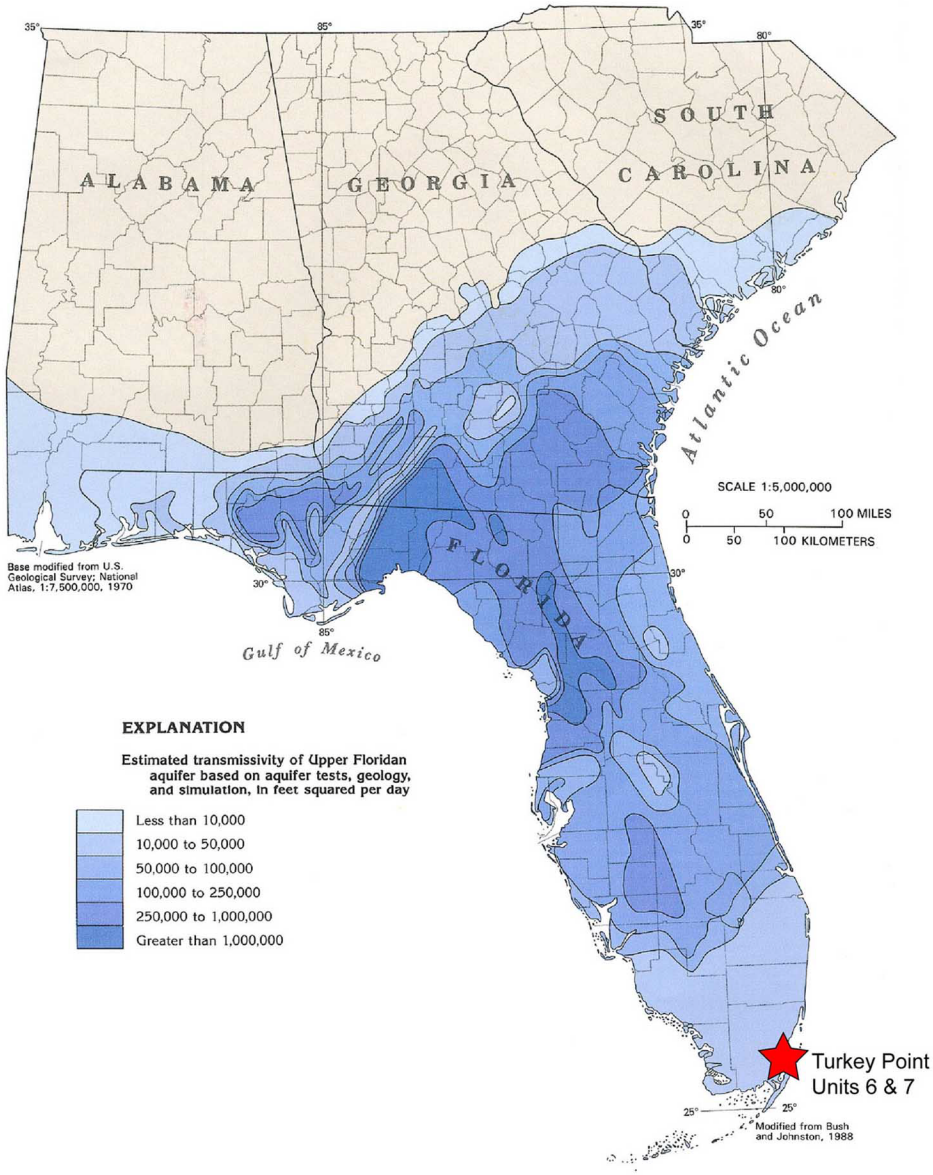
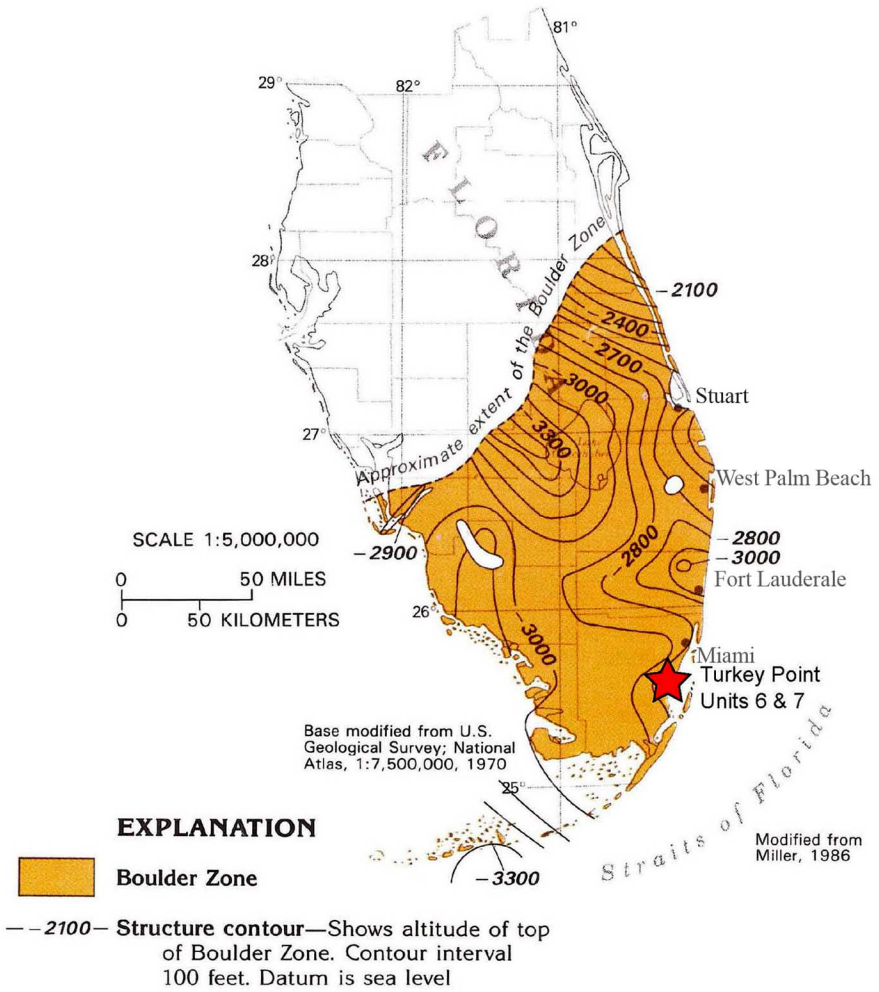


Figure 2.4.12-239 Units 6 & 7 Aquifer Pumping Test Locations



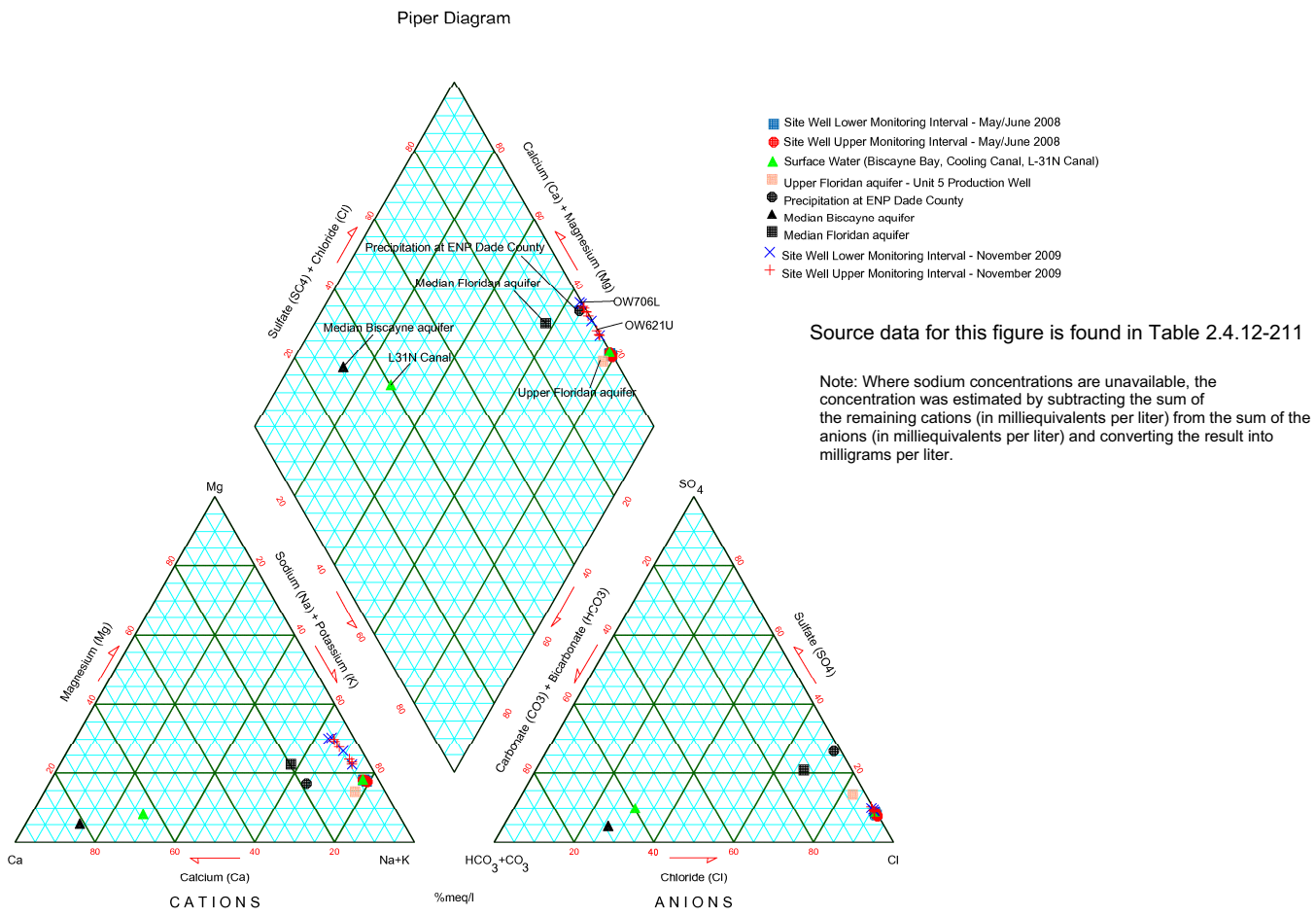
Modified from Reference 210

Figure 2.4.12-240 Transmissivity of the Upper Floridan Aquifer



Modified from Reference 210

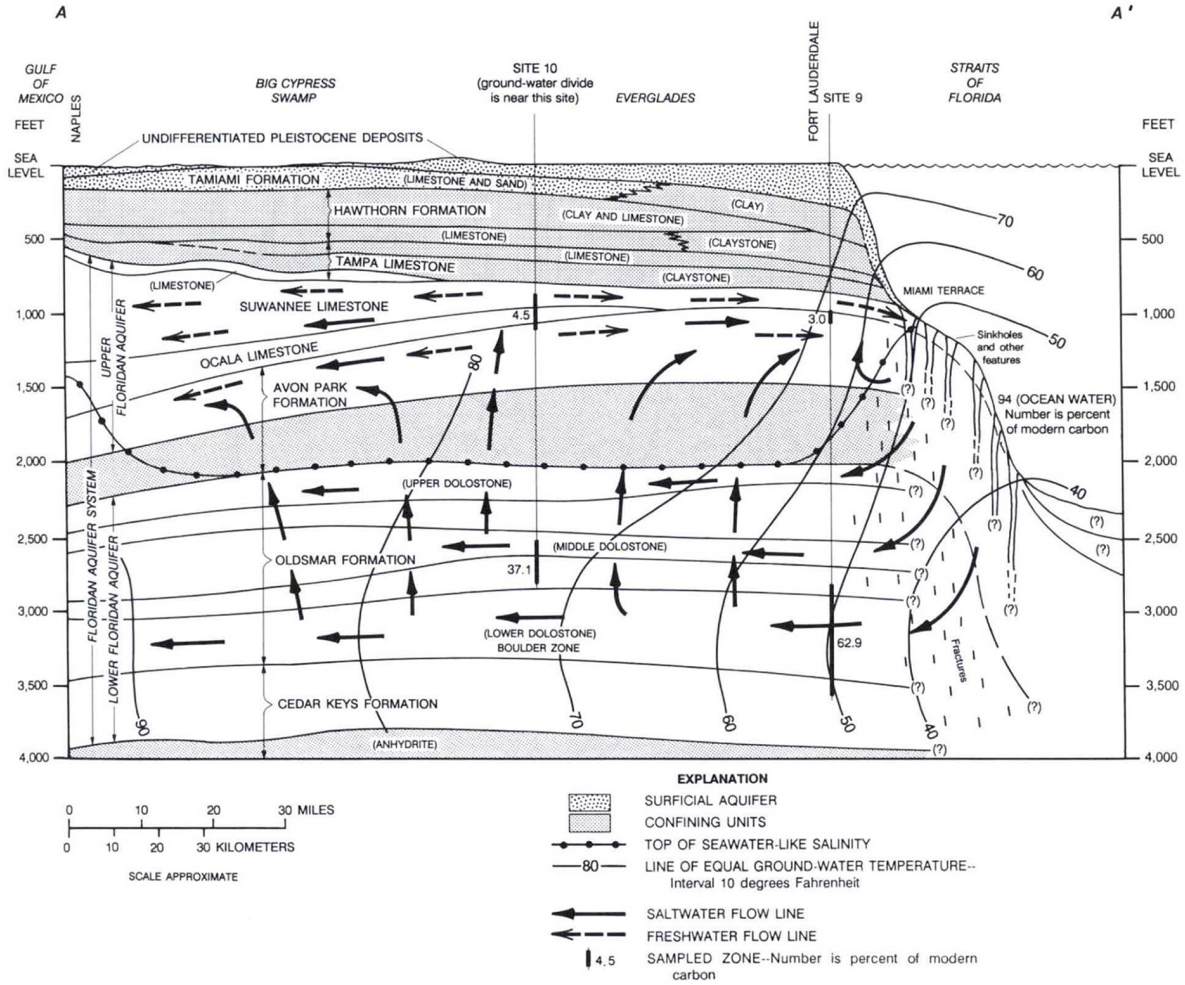
Figure 2.4.12-241 The Boulder Zone in Southern Florida



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.

Figure 2.4.12-242 Piper Trilinear Diagram of Hydrogeochemical Samples



Source: Reference 215

Figure 2.4.12-243 Generalized Hydrogeologic Section

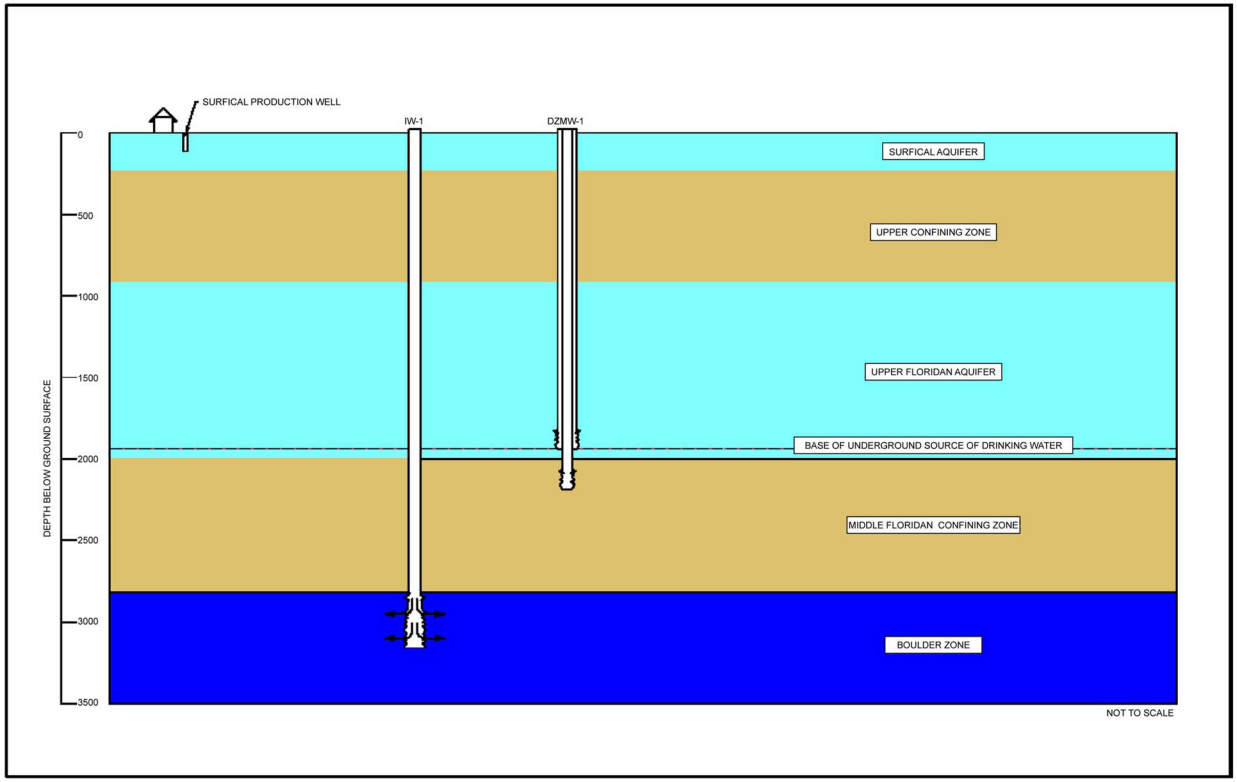
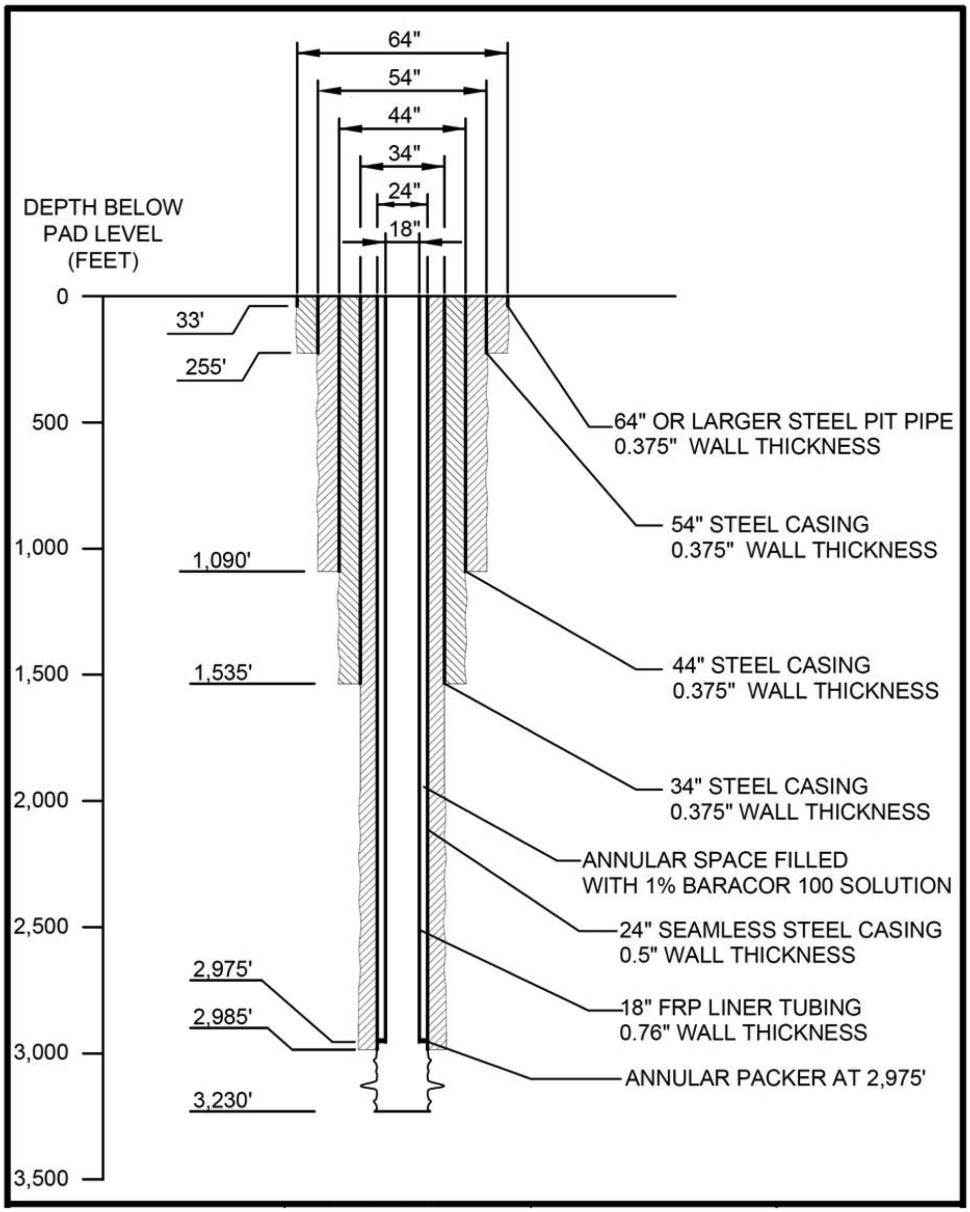
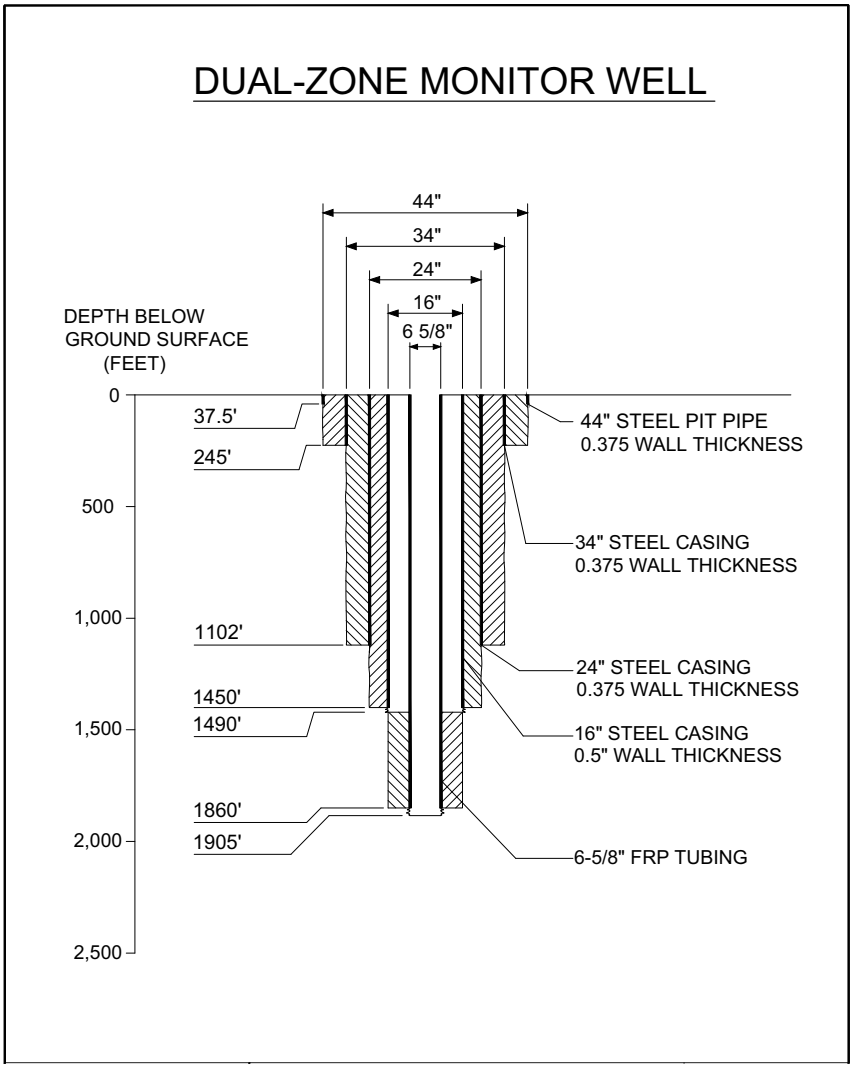


Figure 2.4.12-244 Typical Injection Well System



Modified from: Reference 260

Figure 2.4.12-245 Design of Exploratory Well EW-1



Modified from: Reference 261

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

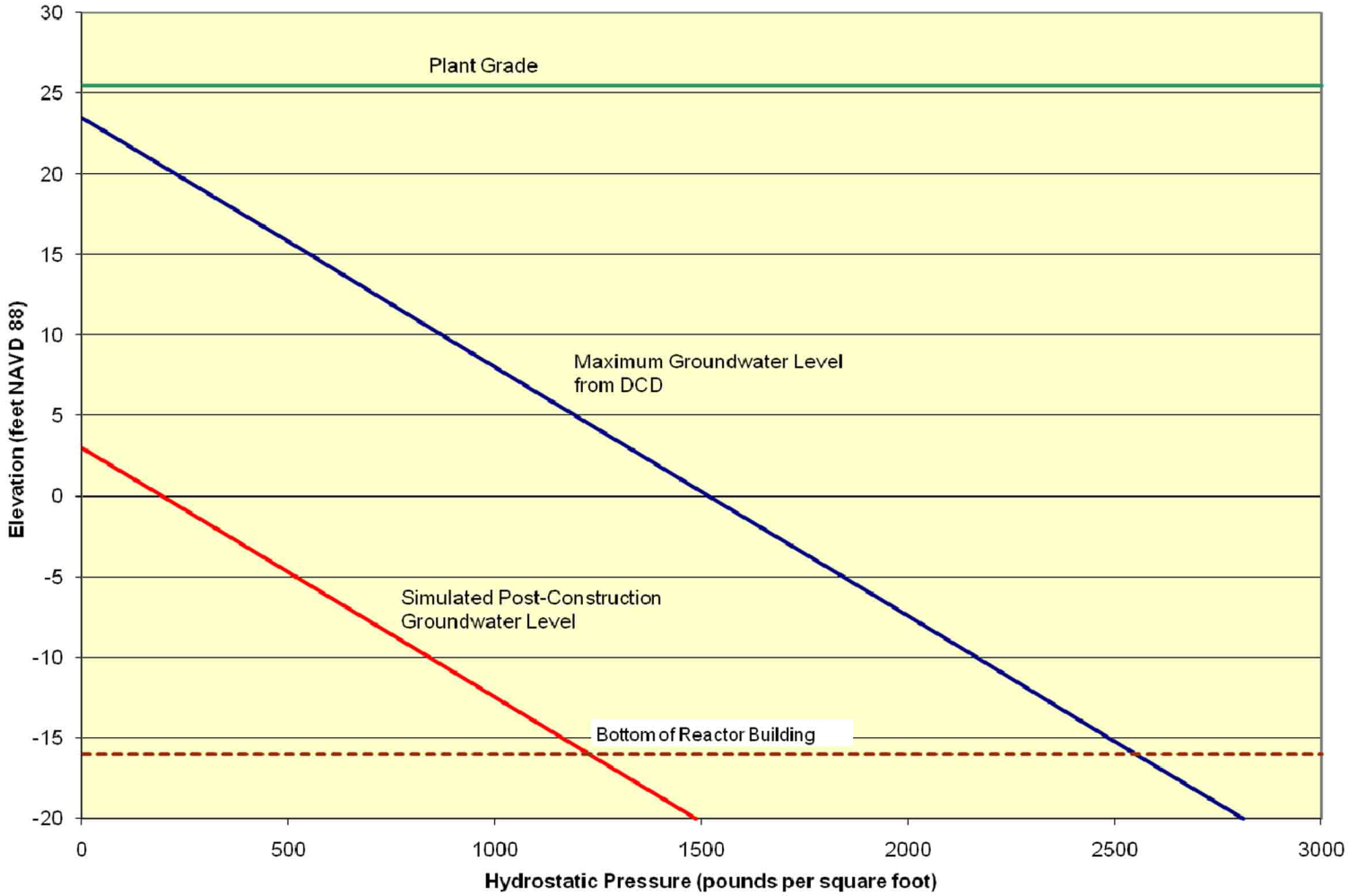


Figure 2.4.12-247 Subsurface Hydrostatic Loading