

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

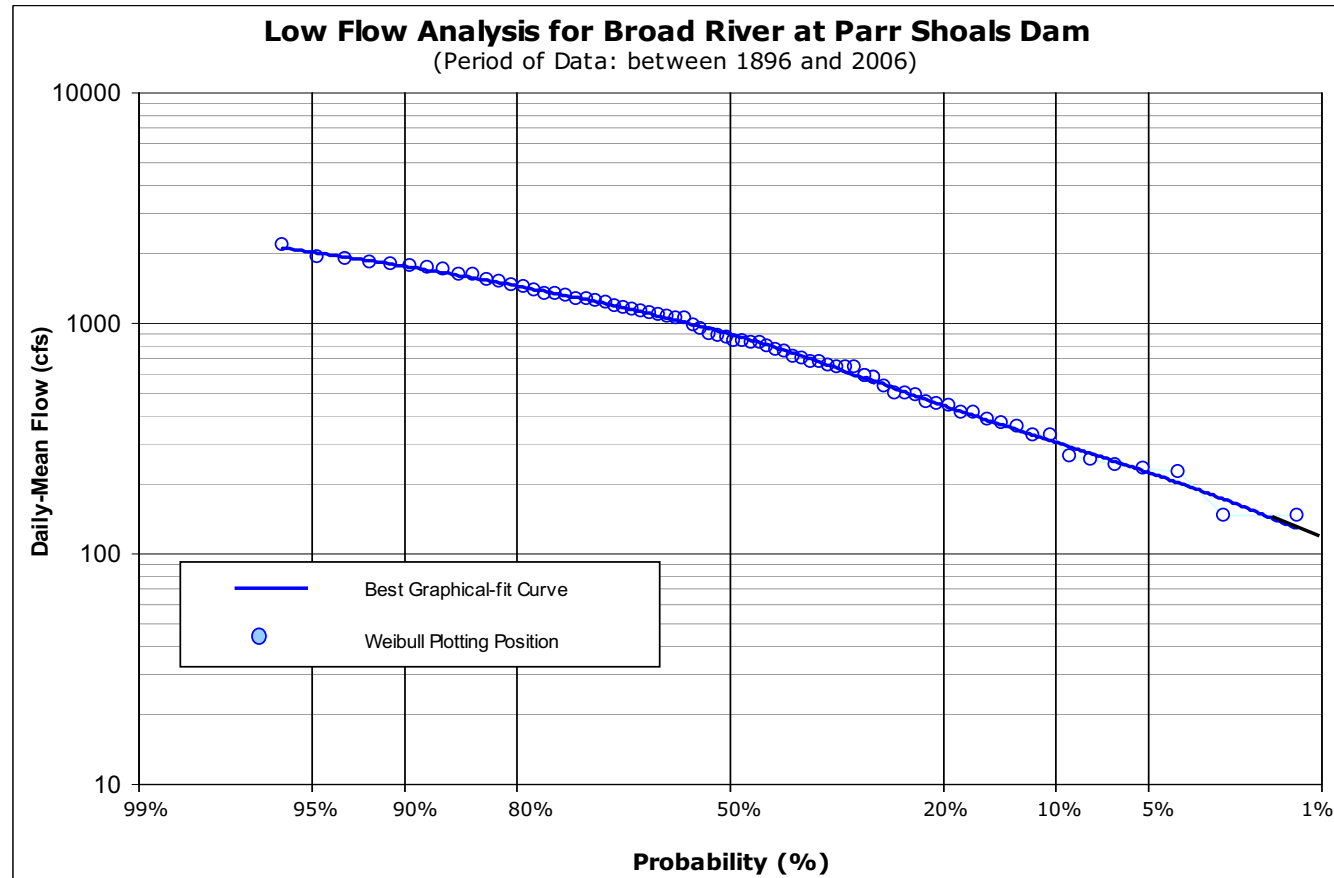


Figure 2.4-221. Low Flow Analysis for “Daily-Mean” Flows in Broad River at Parr Shoals Dam

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

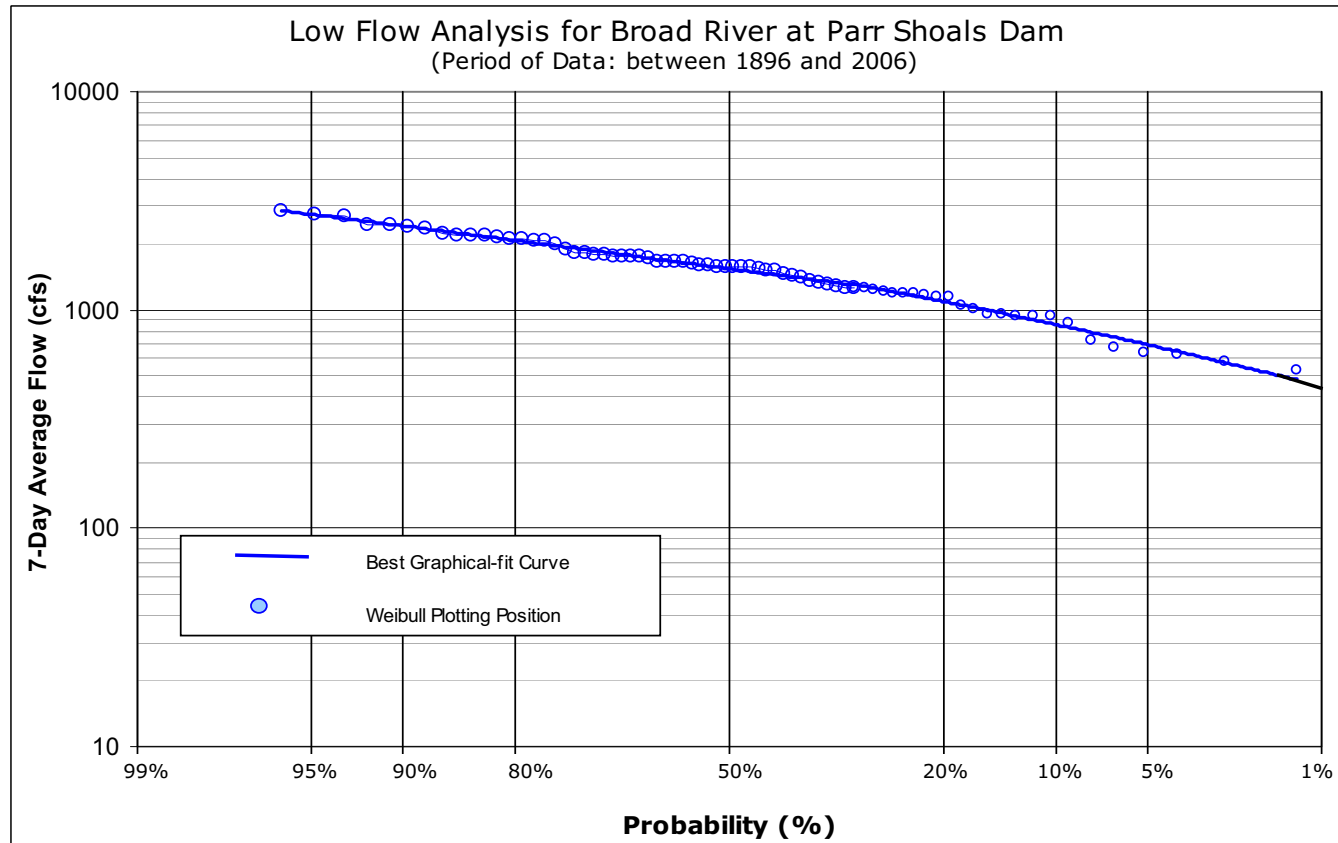


Figure 2.4-222. Low Flow Analysis for “7-Day Average” Flows in Broad River at Parr Shoals Dam

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

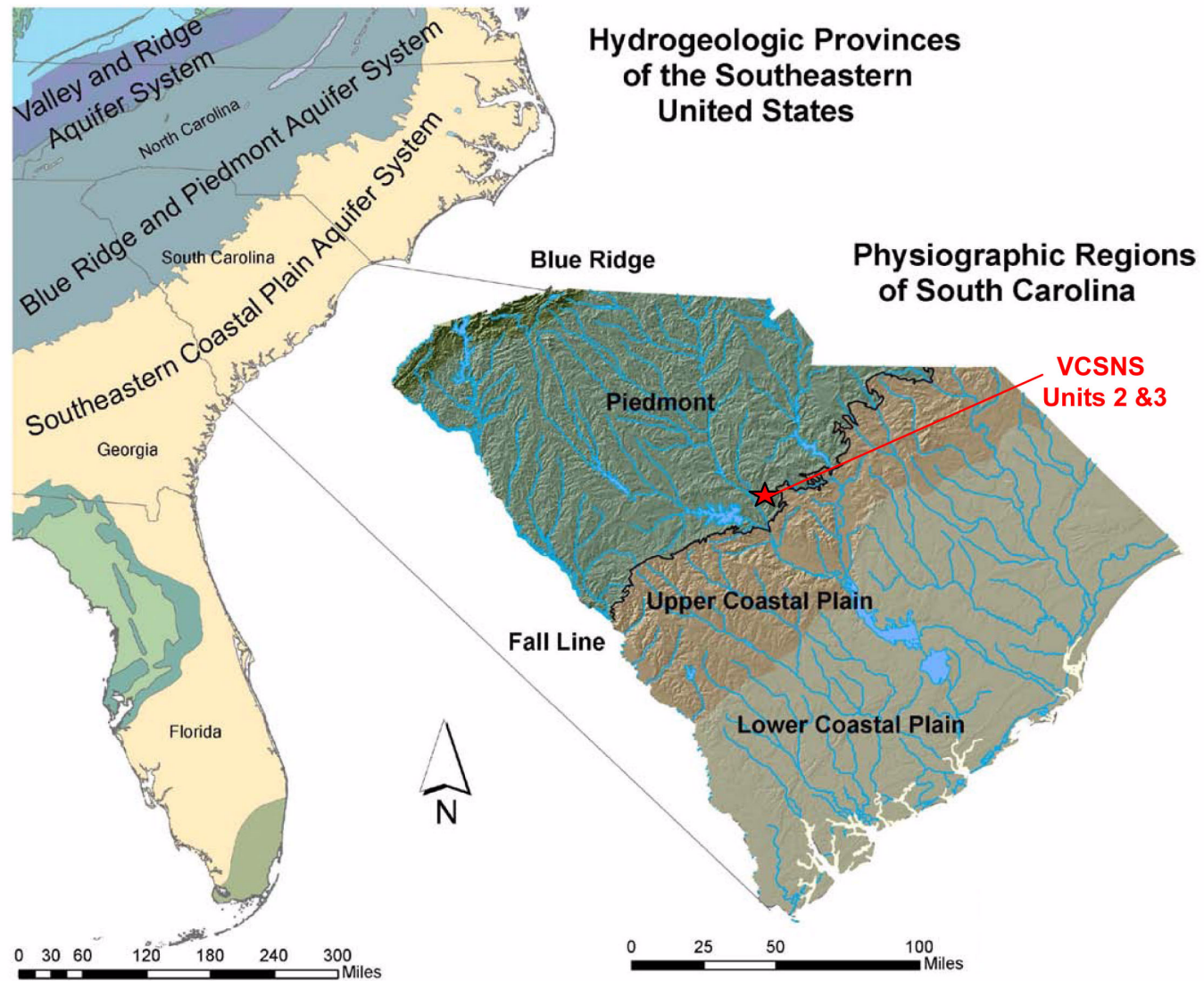


Figure 2.4-223. Hydrogeologic Provinces and Associated Physiographic Provinces in South Carolina
(Reference 207)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

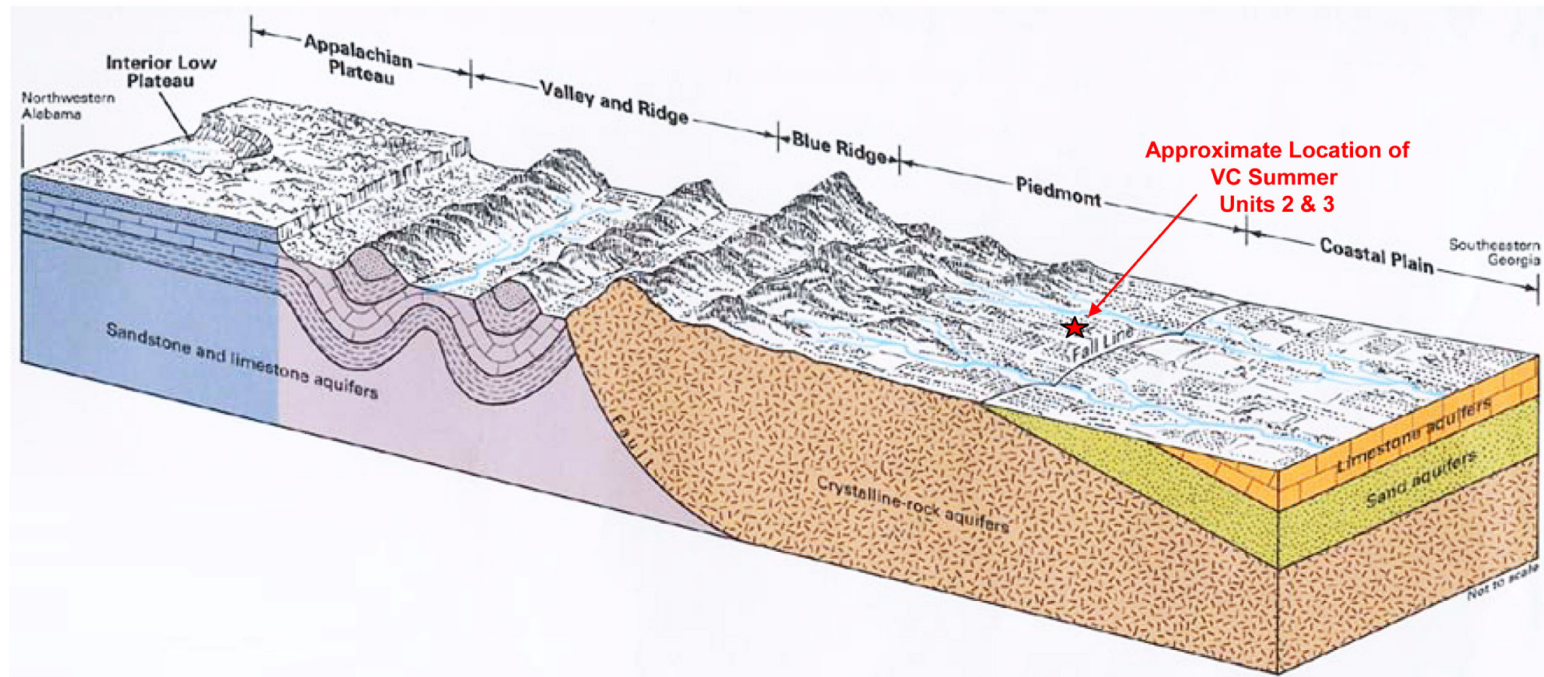


Figure 2.4-224. Geologic Cross Section of the Regional Physiographic Provinces and Associated Aquifer Systems
(Reference 219)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

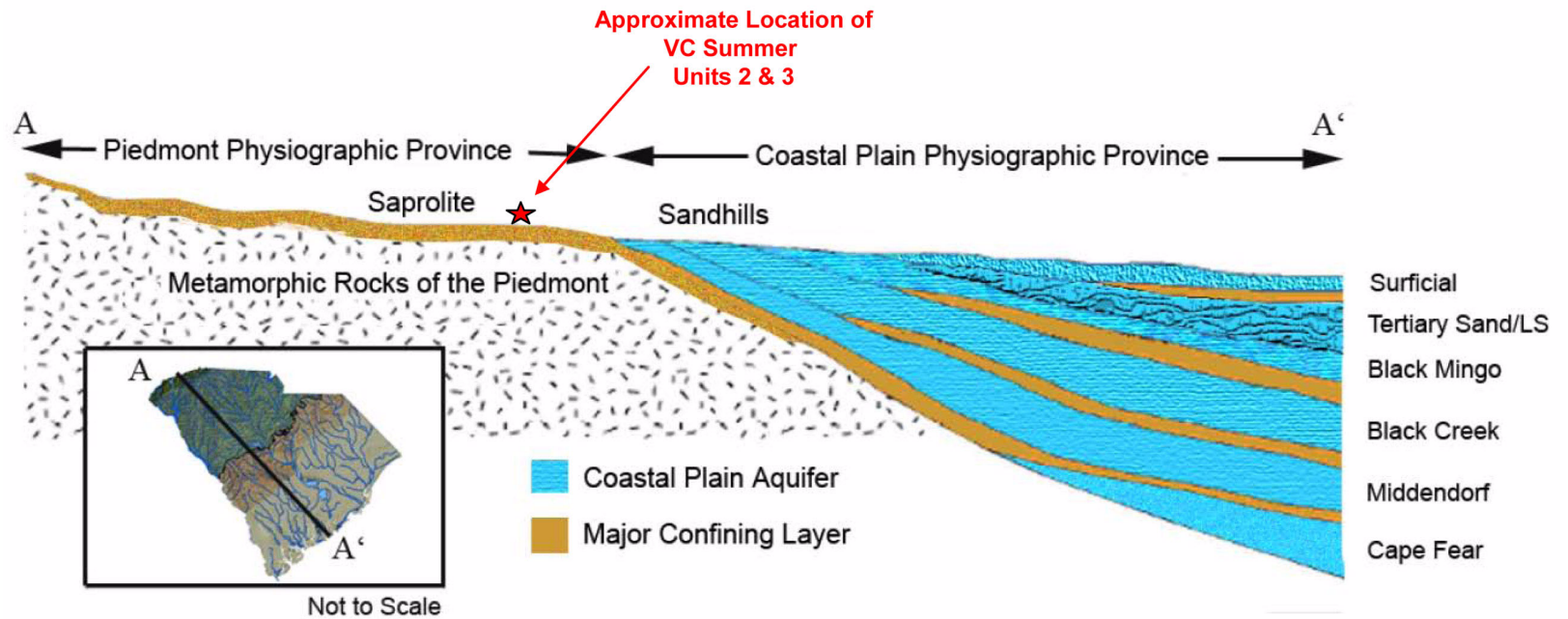


Figure 2.4-225. Hydrogeologic Cross Section of South Carolina (Reference 207)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

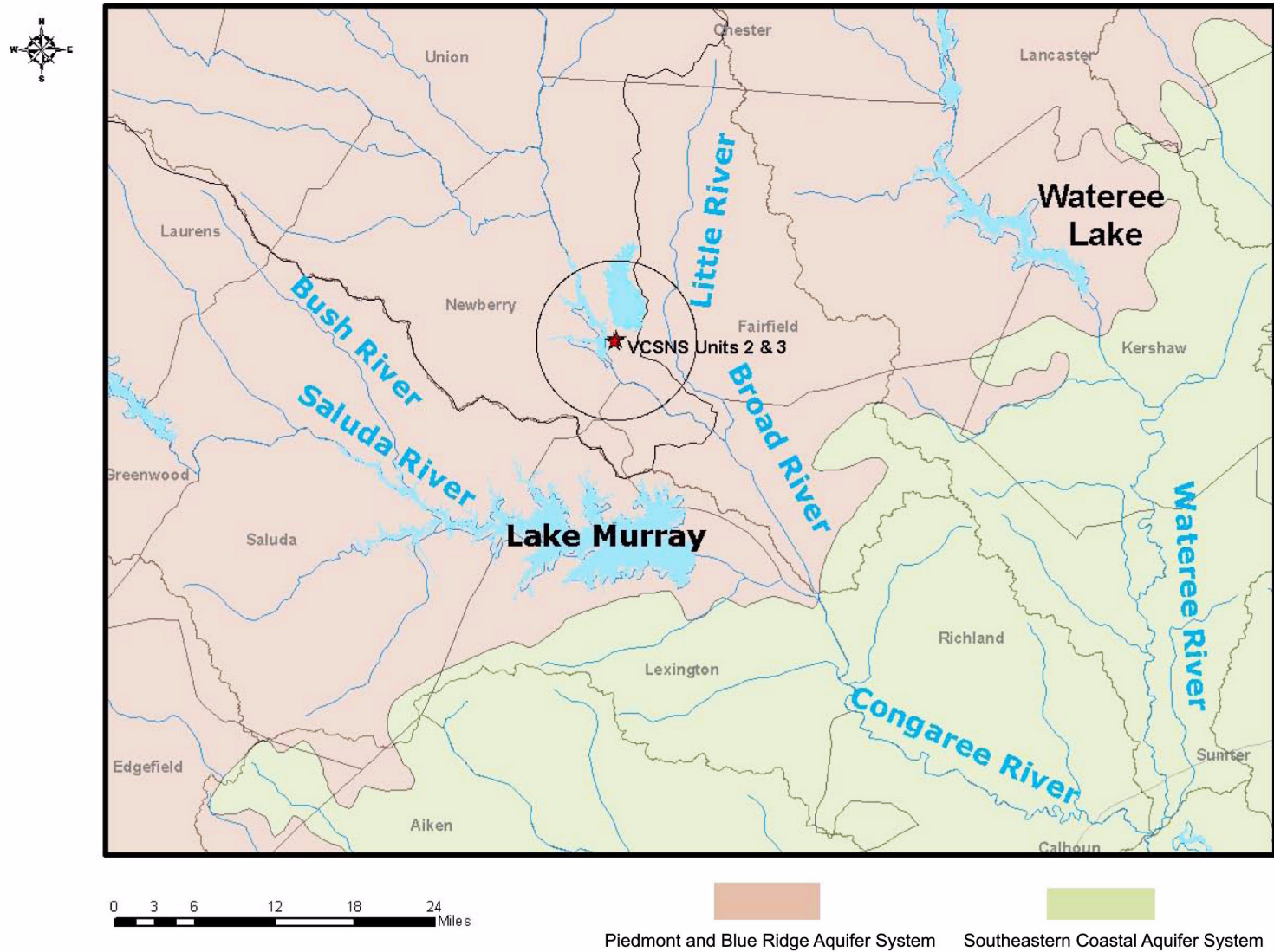


Figure 2.4-226. Regional Aquifer Systems

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

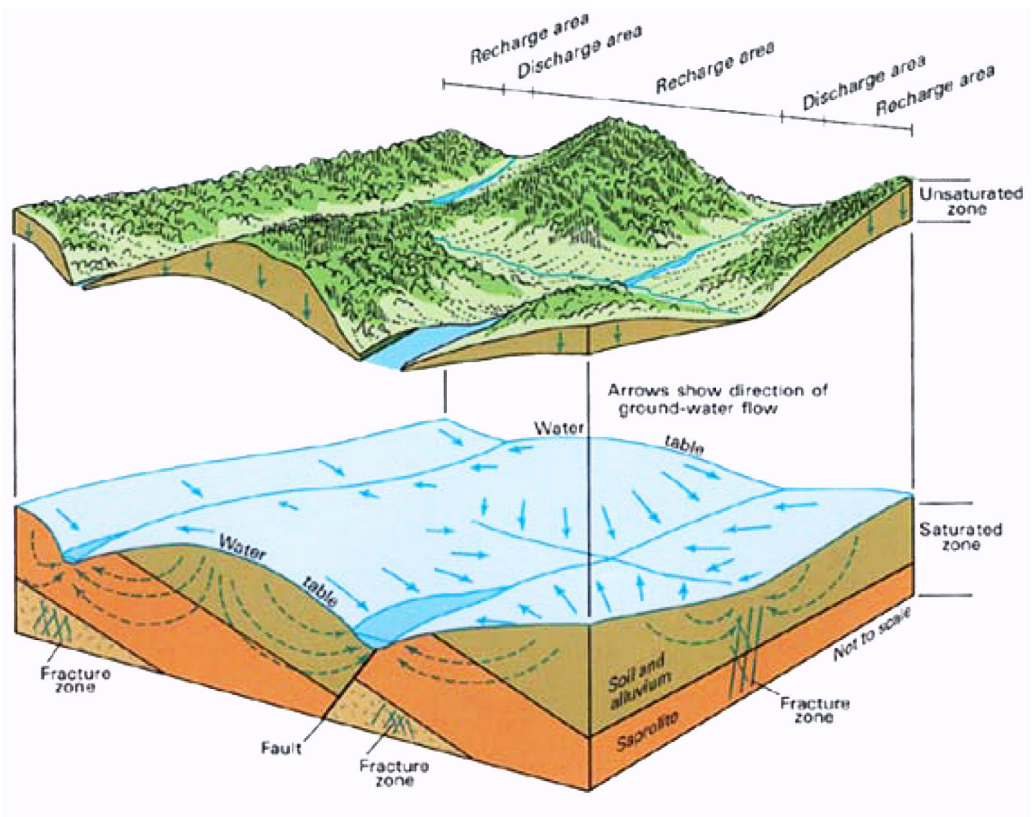


Figure 2.4-227. Groundwater Flow in the Piedmont/Blue Ridge Aquifer System (**Reference 219**)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

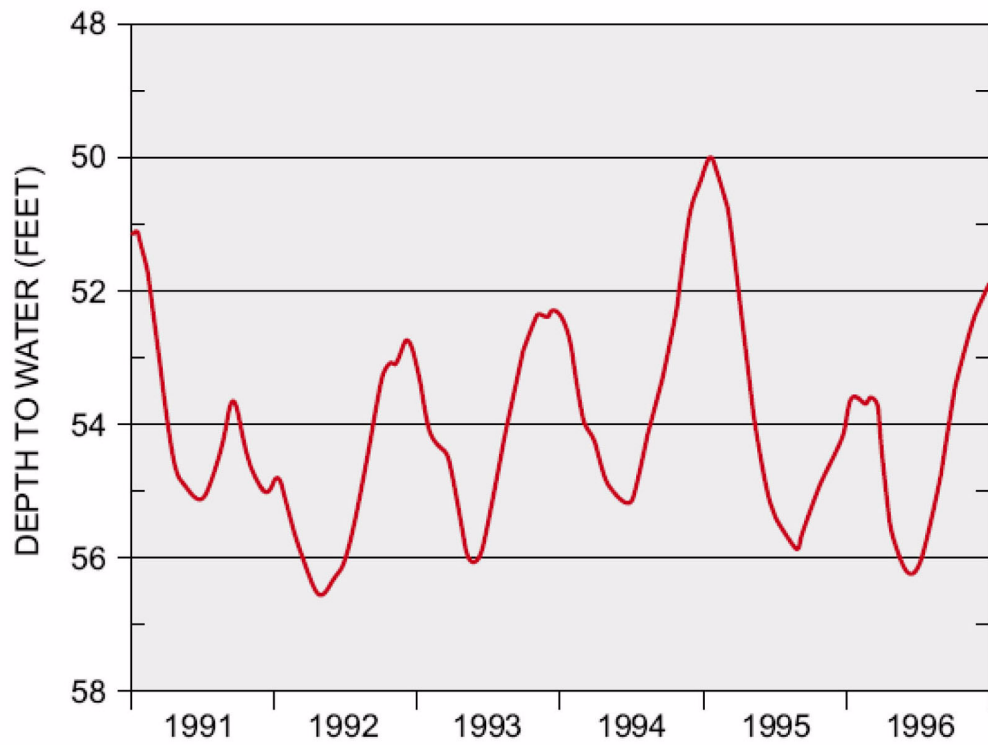


Figure 2.4-228. Hydrograph Showing Typical Seasonal Variations in Groundwater Level within the Piedmont Bedrock Aquifer (Reference 204)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

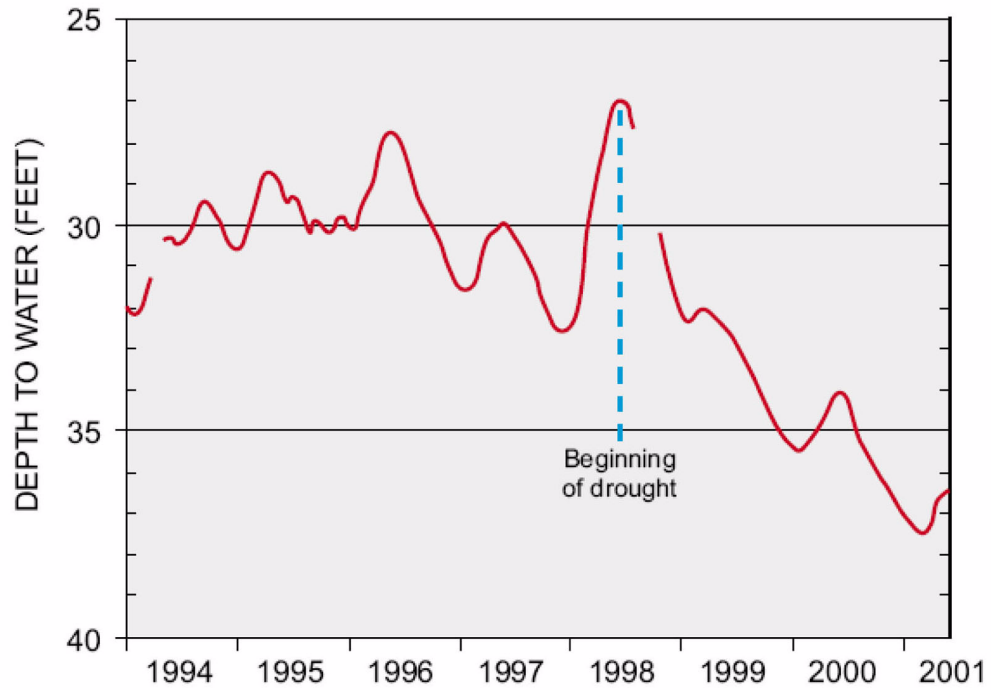


Figure 2.4-229. Hydrograph Showing Effect of Prolonged Drought on Groundwater Level in a Greenville County Well
(Reference 204)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

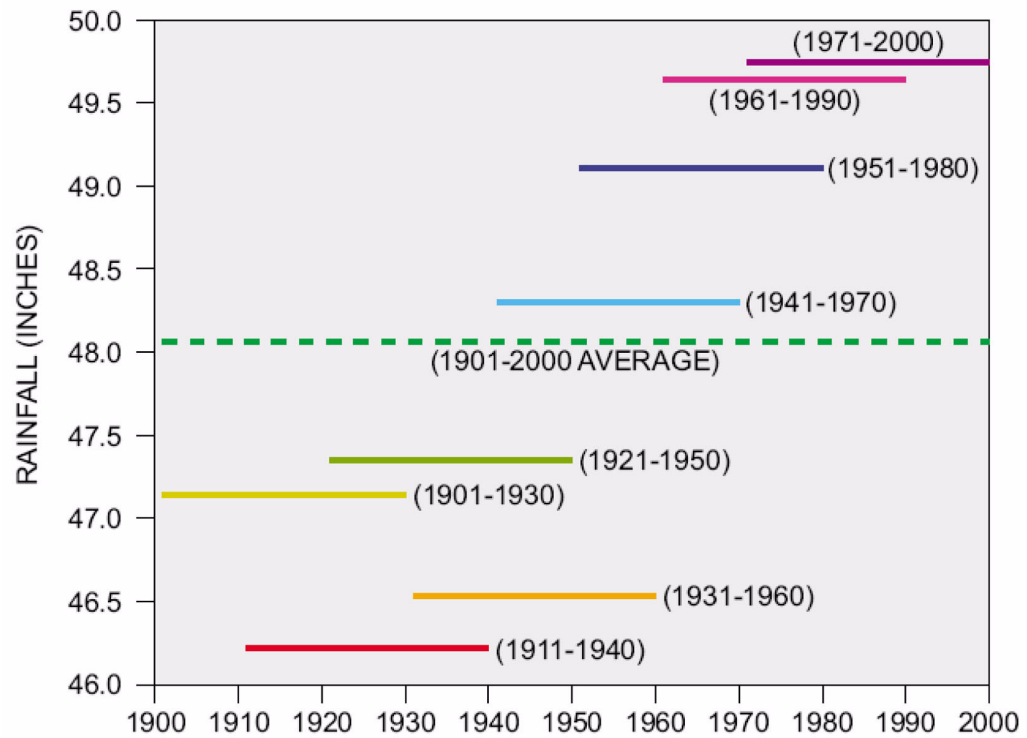


Figure 2.4-230. "Normal" Precipitation Values for South Carolina During the 20th Century (Reference 204)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

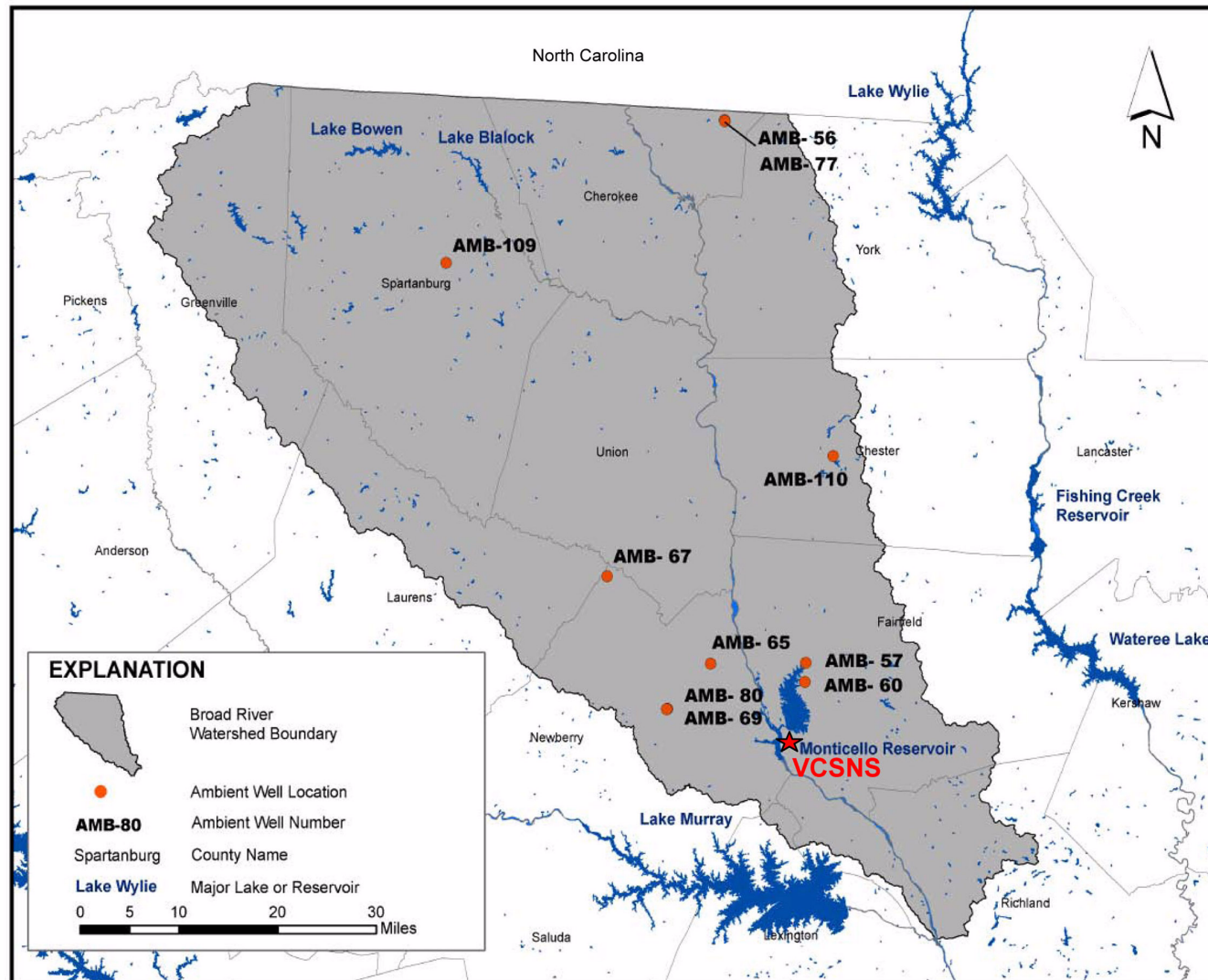


Figure 2.4-231. Locations of Wells in the Broad River Basin Sampled for Ambient Groundwater Quality in 2004
(Reference 206)

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

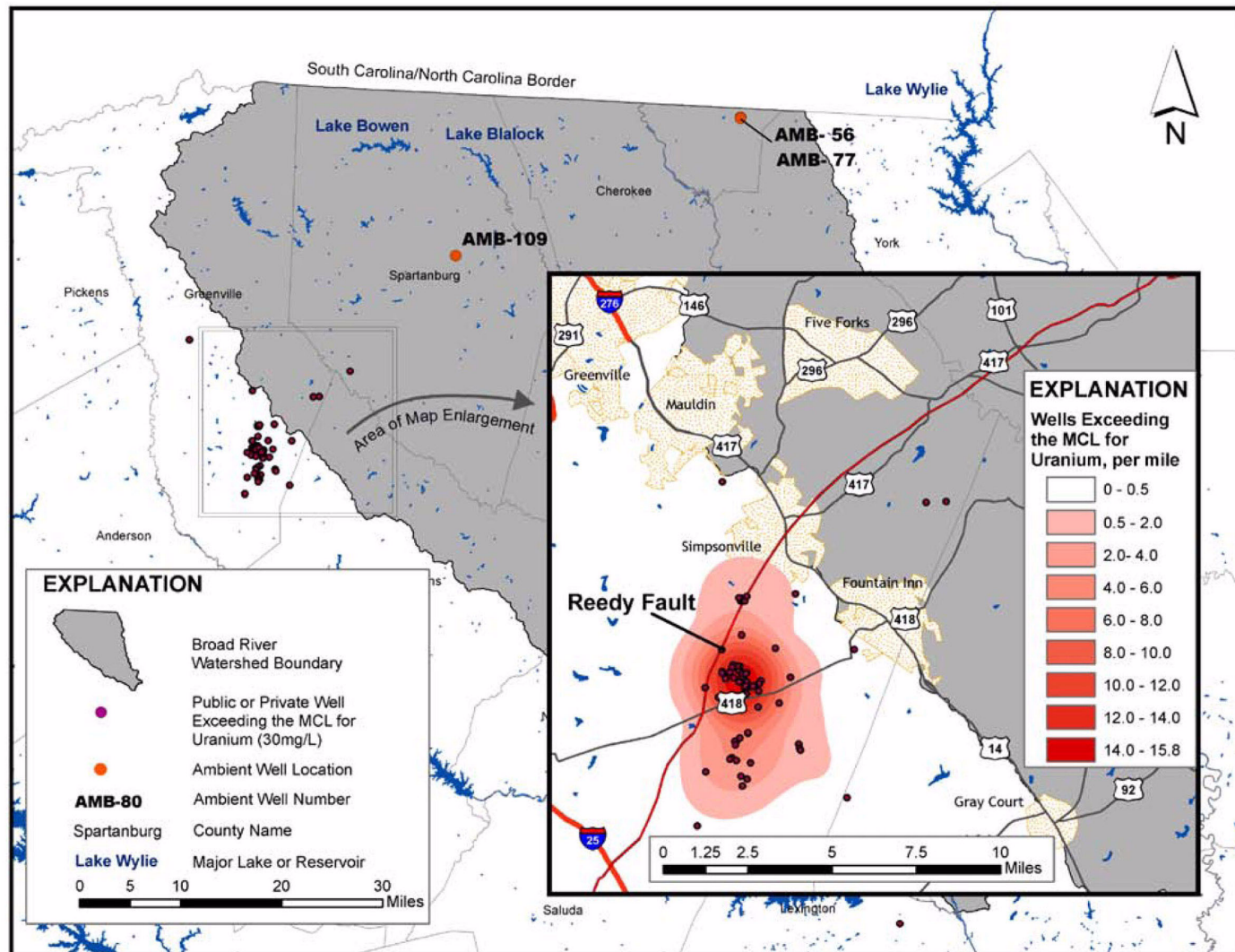


Figure 2.4-232. Locations and Density of Wells Exceeding the Maximum Concentration Limit for Uranium in the Simpsonville/Fountain Inn Area and Relation to Reedy Fault System ([Reference 206](#))

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

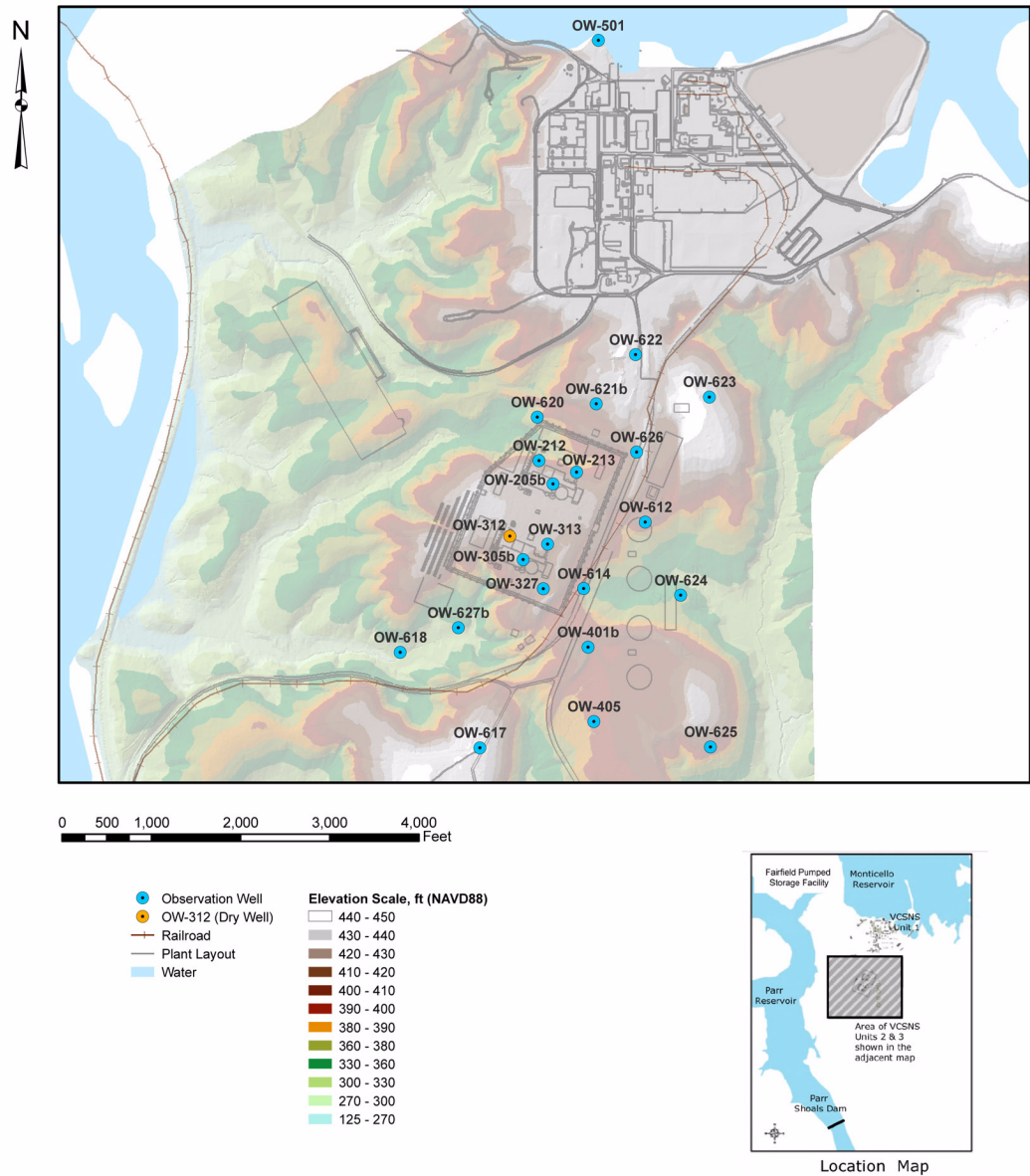


Figure 2.4-233. Saprolite/Shallow Bedrock Zone Observation Well Locations

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

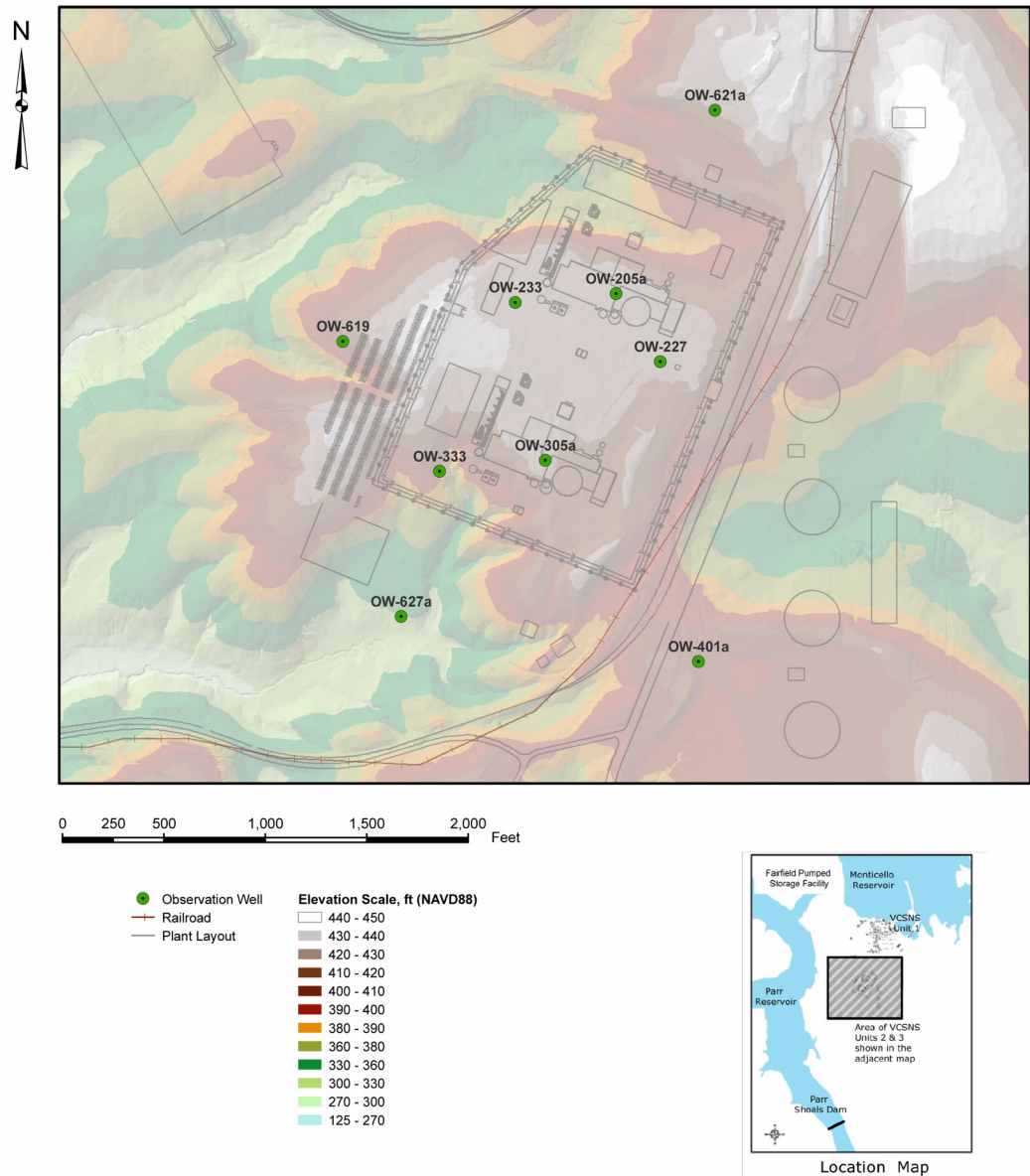


Figure 2.4-234. Deep Bedrock Zone Observation Well Locations

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

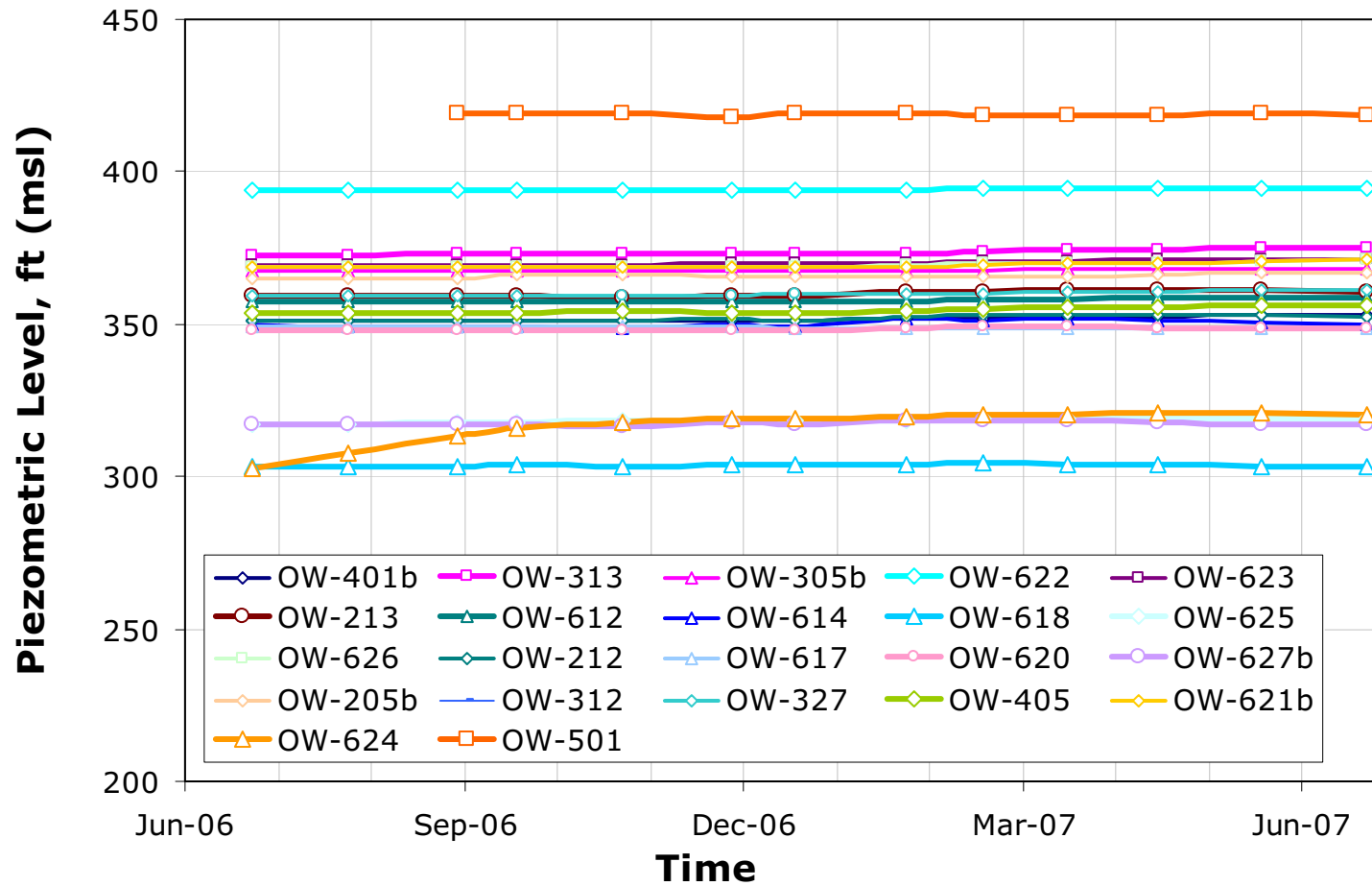


Figure 2.4-235. Hydrographs for Saprolite/Shallow Bedrock Hydrostratigraphic Zone VCSNS Observation Wells, June 2006–June 2007

V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR

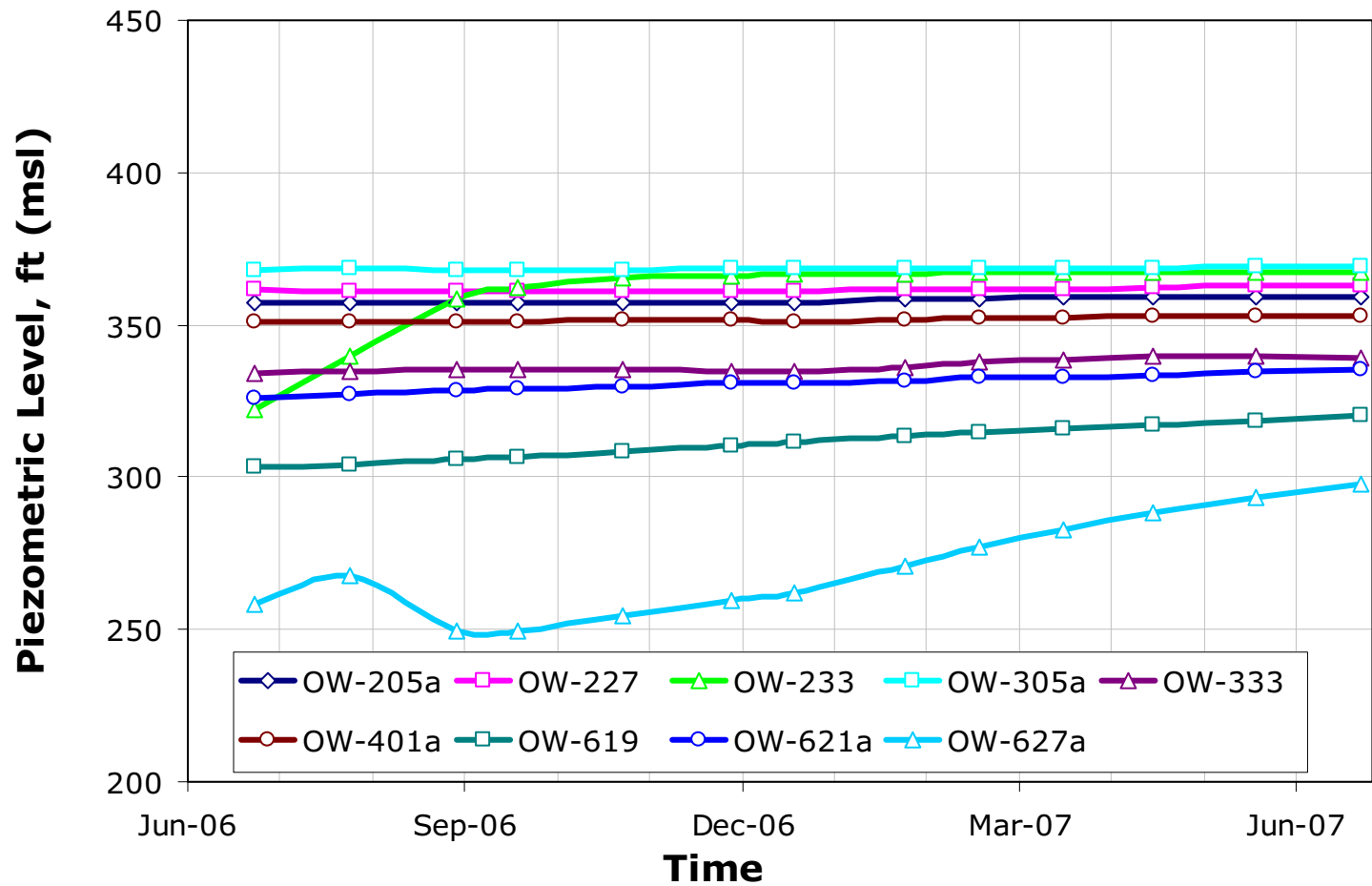
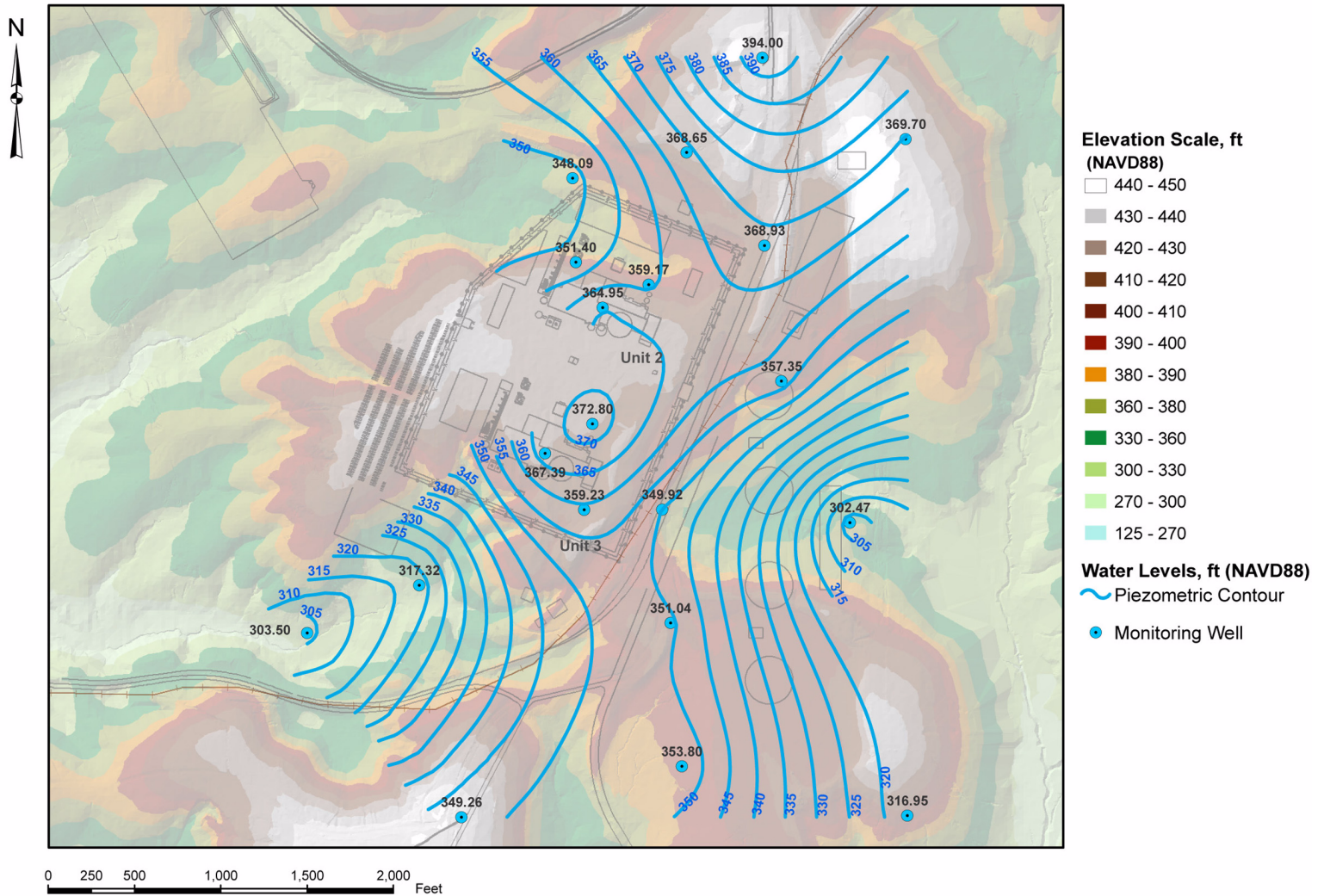


Figure 2.4-236. Hydrographs for Deep Bedrock Hydrostratigraphic Zone VCSNS Observation Wells, June 2006–June 2007



**V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR**

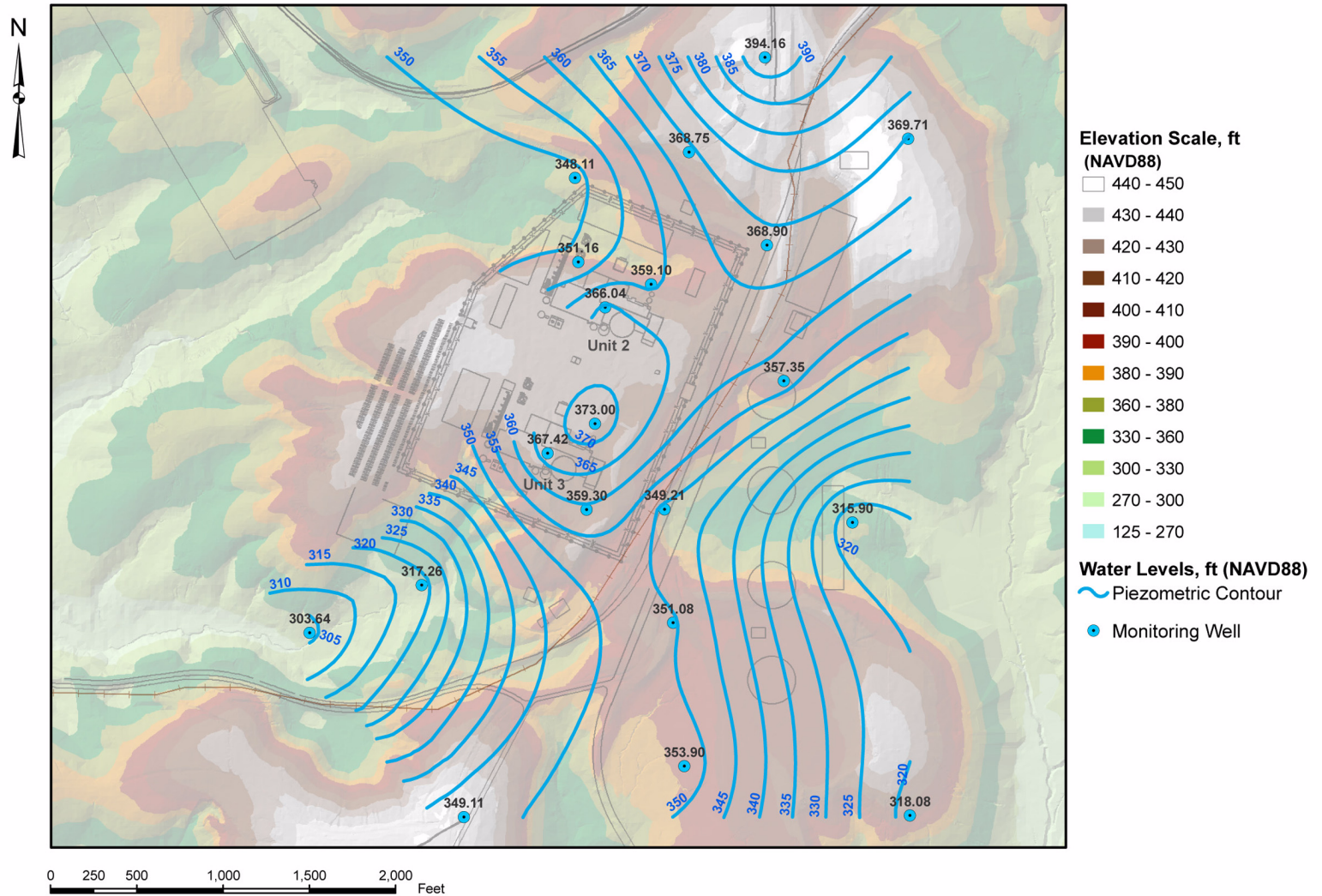


Figure 2.4-238. 2nd Quarter Saprolite/Shallow Bedrock Hydrostratigraphic Zone Piezometric Level Contours, VCSNS Observation Wells, September 2006

**V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR**

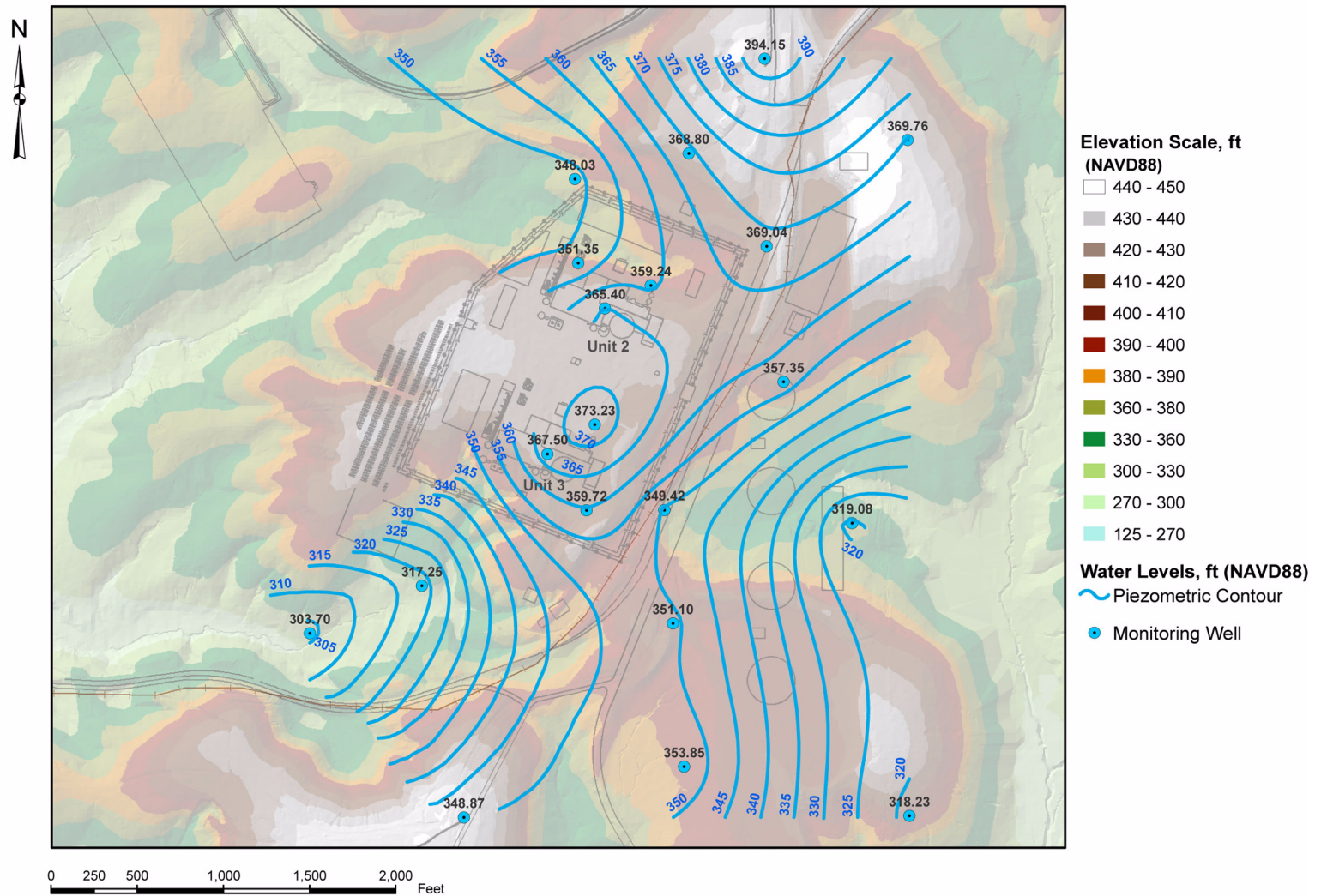


Figure 2.4-239. 3rd Quarter Saprolite/Shallow Bedrock Hydrostratigraphic Zone Piezometric Level Contours, VCSNS Observation Wells, December 2006

**V. C. Summer Nuclear Station, Units 2 and 3
COL Application
Part 2, FSAR**

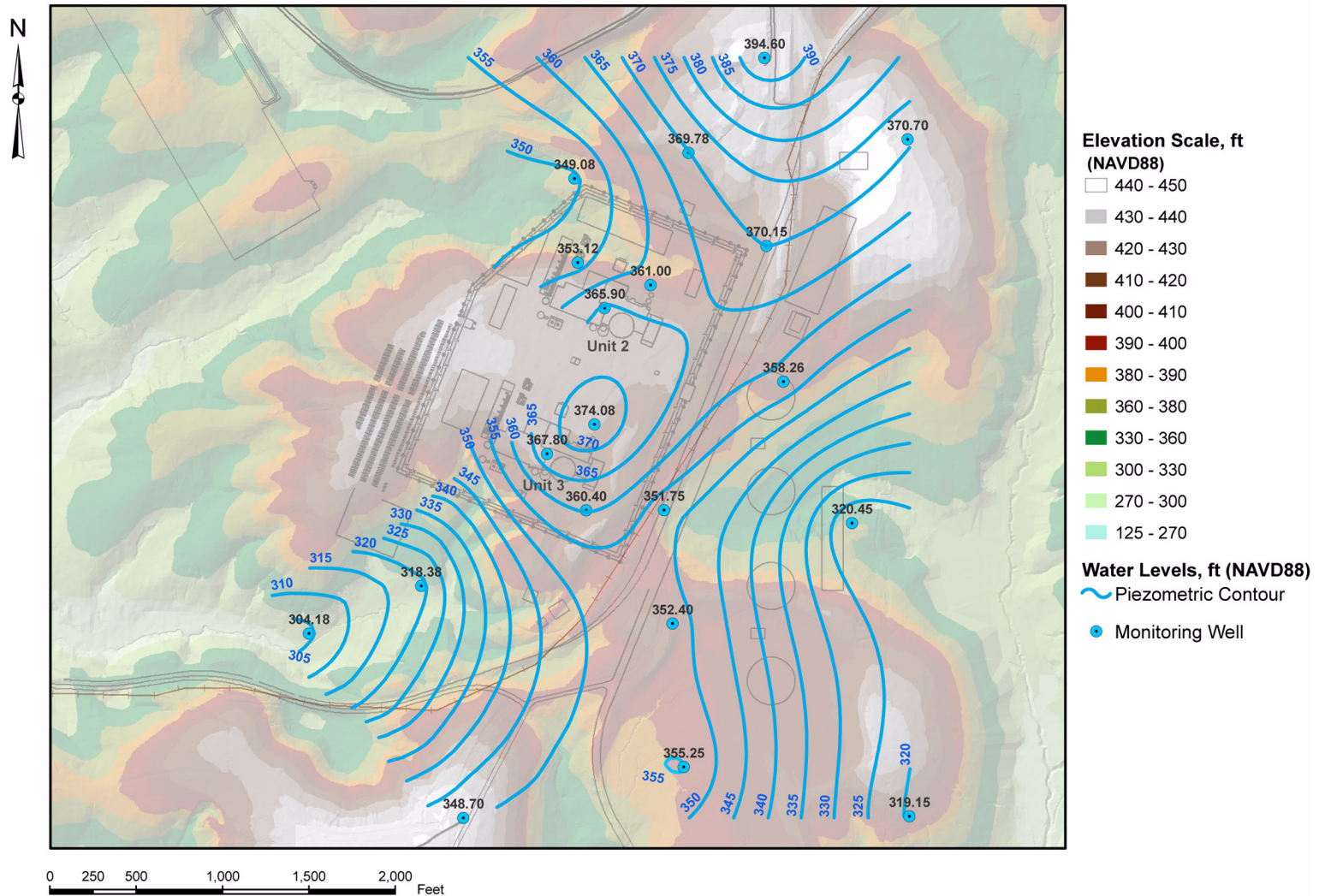


Figure 2.4-240. 4th Quarter Saprolite/Shallow Bedrock Hydrostratigraphic Zone Piezometric Level Contours, VCSNS Observation Wells, March 2007