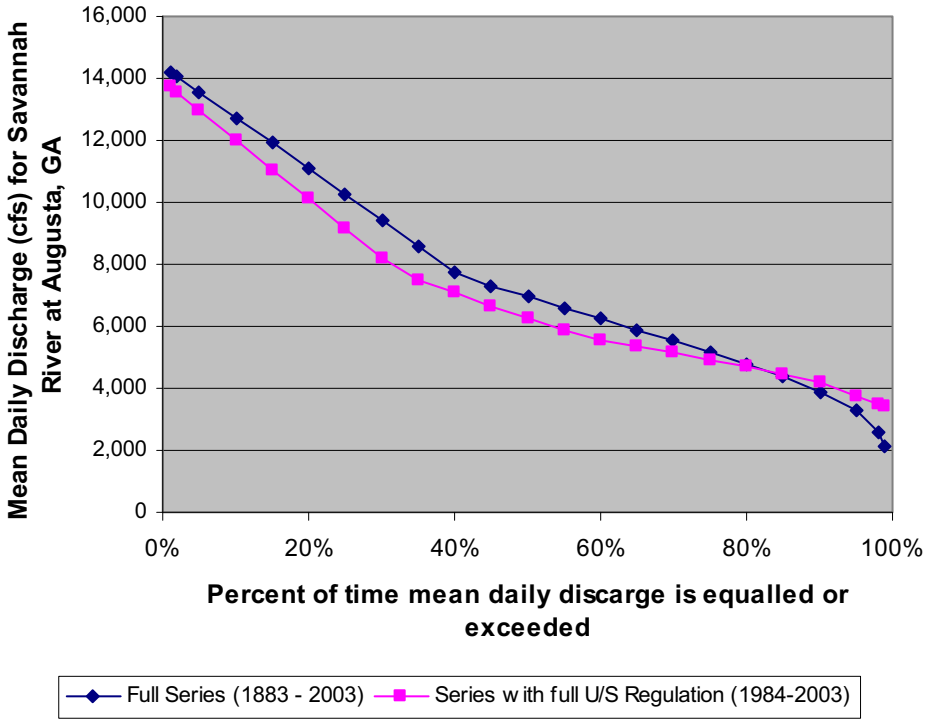


Figure 2.3.1-6 Flow-Duration Curves for the Savannah River at Augusta, Georgia, for Unregulated and Regulated Periods

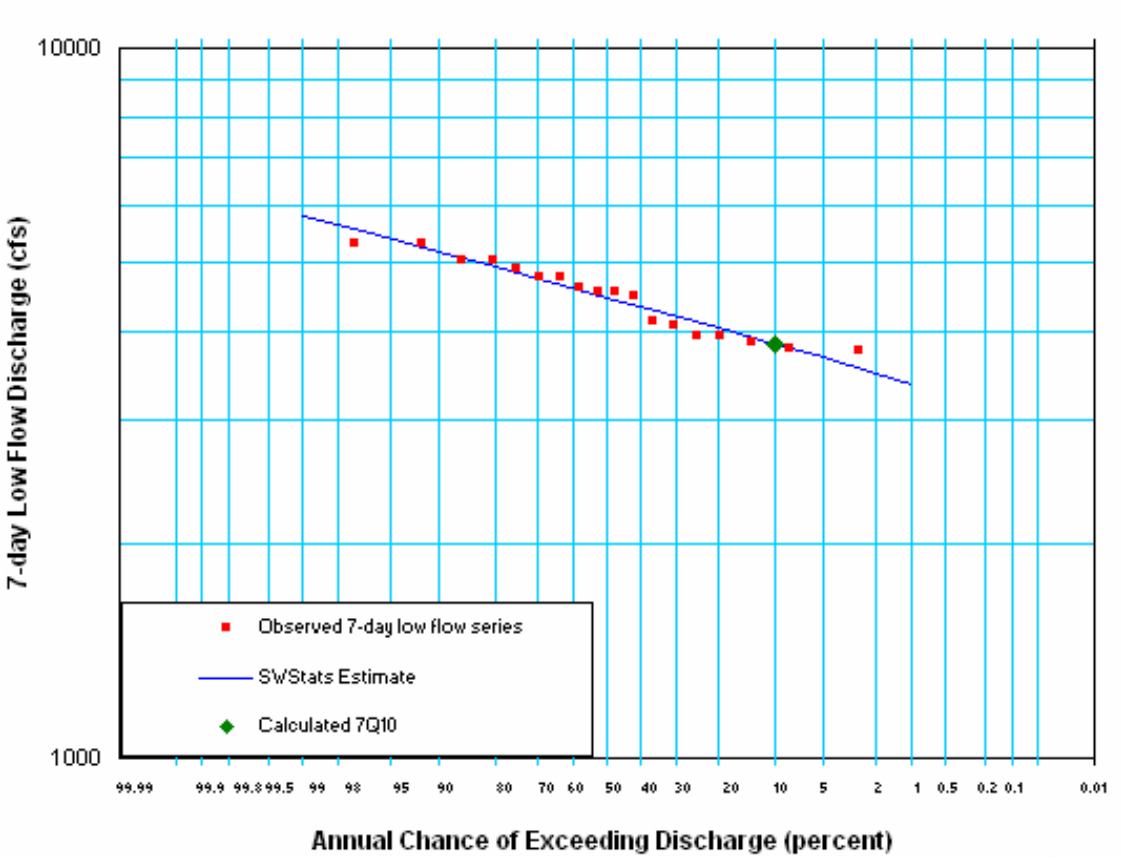
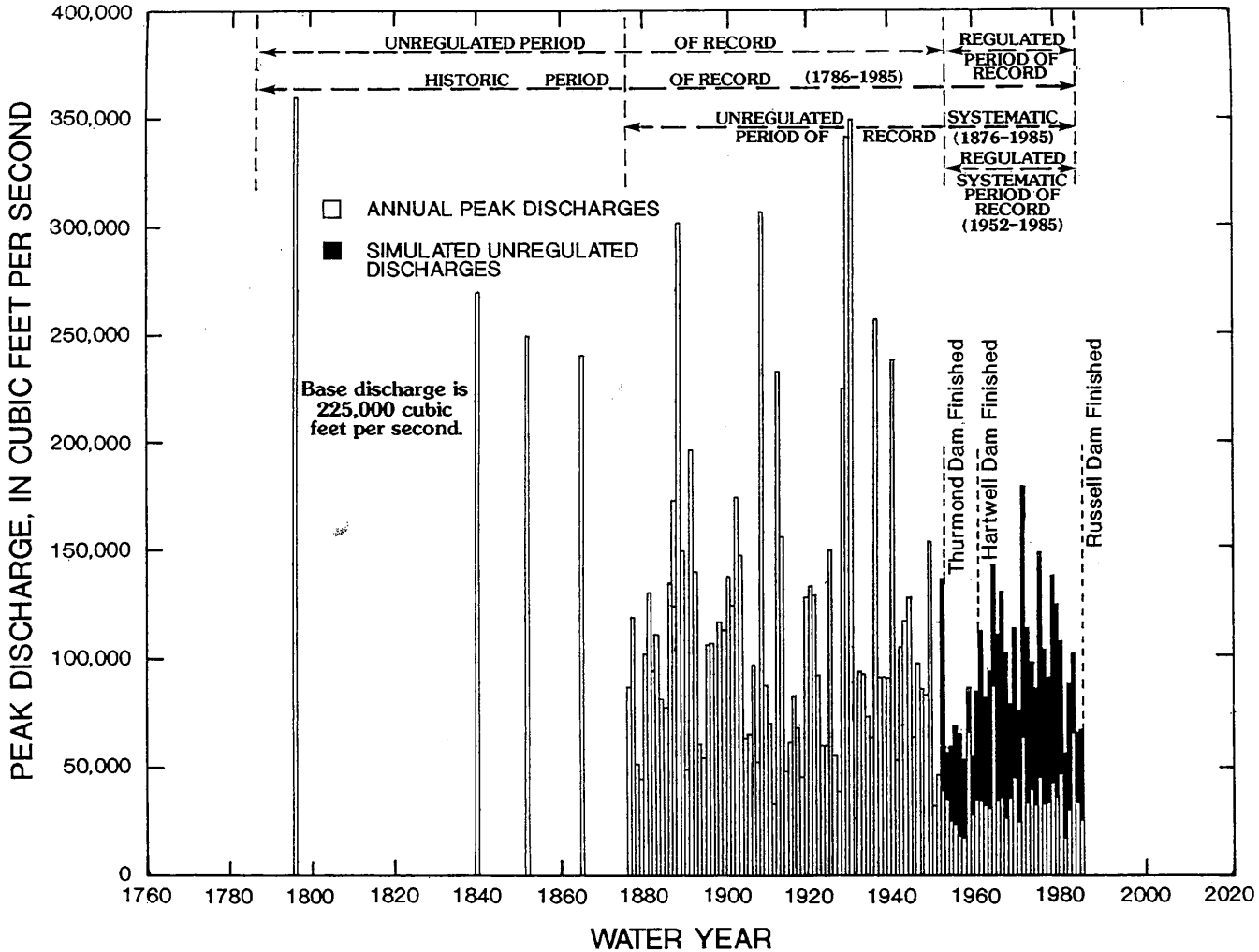
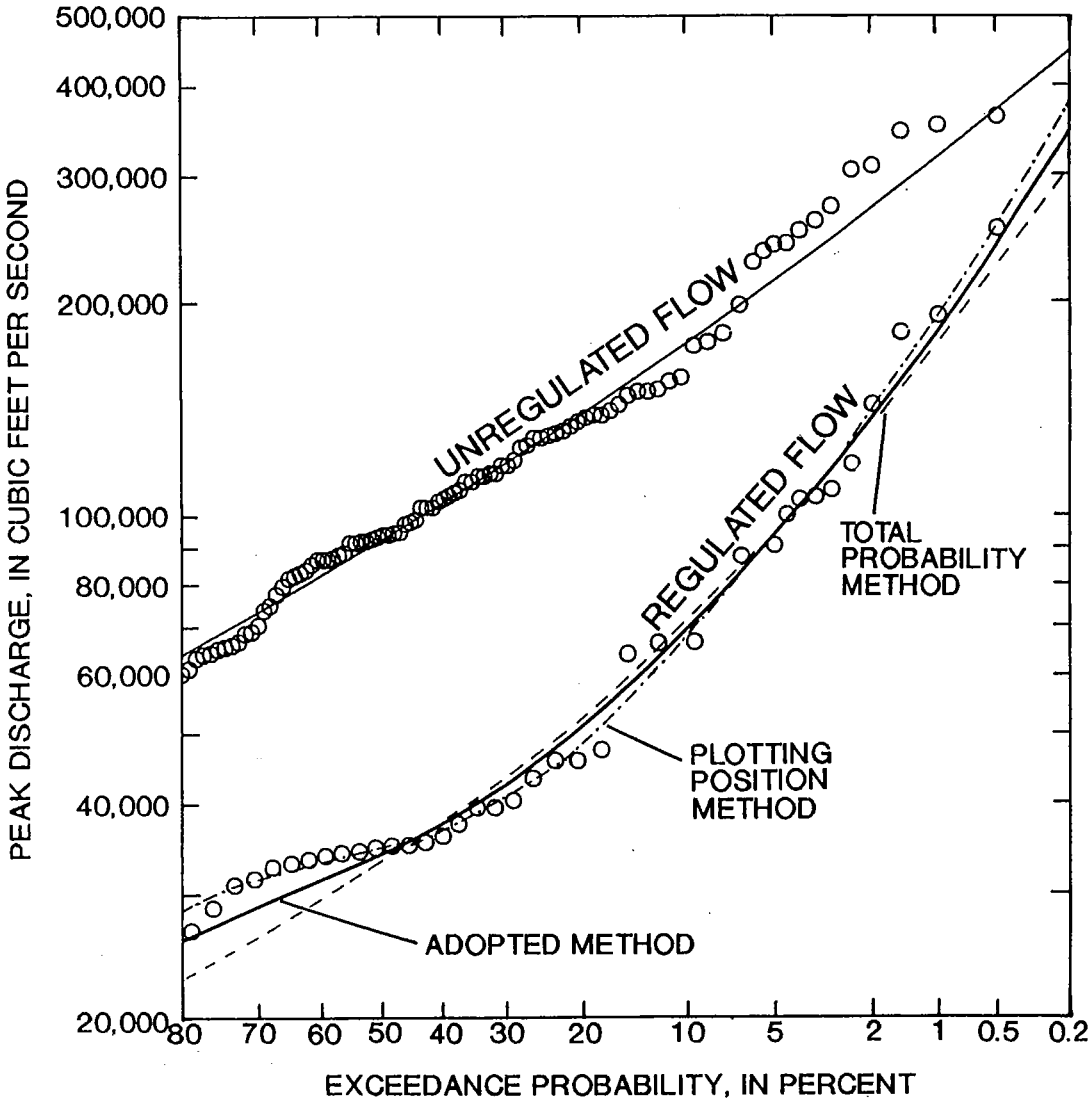


Figure 2.3.1-7 Log-Pearson III Frequency Plot of 7-Day Low-Flow for Regulated Period on the Savannah River at Augusta, Georgia



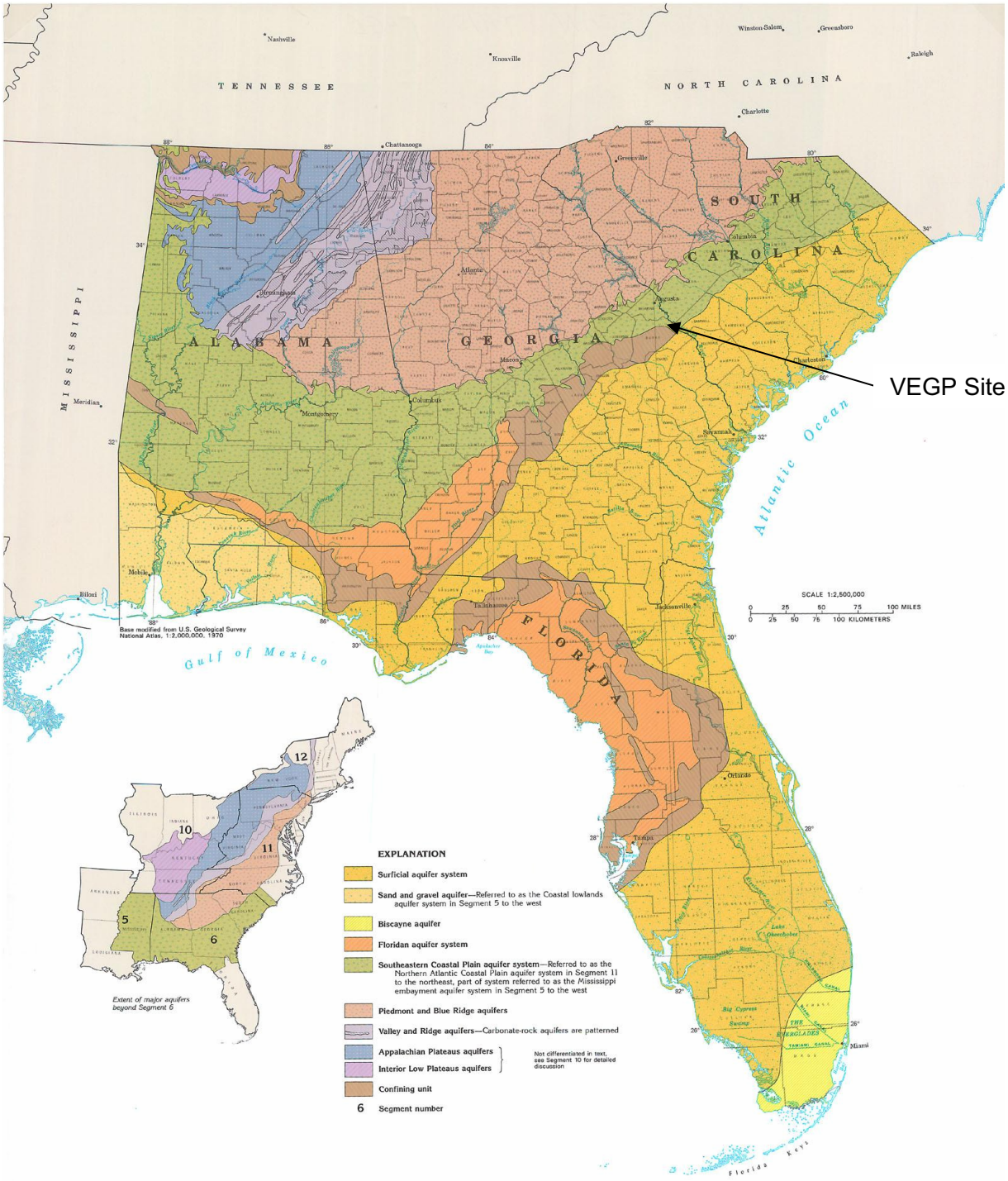
Source: Figure 2 from USGS 1990

Figure 2.3.1-8 Unregulated and Regulated Peak Discharge Values for the Savannah River at Augusta, Georgia (02197000)



Source: Figure 35 from USGS 1990

Figure 2.3.1-9 Unregulated and Regulated Annual Peak Discharge Frequency Curves for the Savannah River at Augusta, Georgia



Source: Figure 3 from Miller 1990

Figure 2.3.1-10 Extent of Major Aquifers or Aquifer Systems at the Land Surface in the VEGP Site Region

GEOLOGIC TIME		SNC ESP NOMENCLATURE		
PERIOD	SERIES	GEOLOGIC UNIT	HYDROGEOLOGIC UNIT	REGIONAL HYDROGEOLOGIC UNIT
TERTIARY	Eocene	Barnwell Gr.	Water Table aquifer	Southeastern Coastal Plain Aquifer System
		Lisbon Fm. / Blue Bluff Mbr.	Confining unit	
		Still Branch Fm. Congaree Fm.	Tertiary sand aquifer	
	Paleocene	Snapp Fm. Black Mingo Fm.	Semi-confining unit	
Cretaceous		Steel Creek Fm.	Cretaceous aquifer	
		Gaillard Fm. / Black Creek Fm.		
		Pio-Nono Fm. / unnamed sands		
		Cape Fear Fm.		

Notes: Geologic unit naming convention **(Huddlestun and Summerour 1996; Falls and Prowell 2001)**
Regional hydrogeologic unit naming convention **(Miller 1990)**

Figure 2.3.1-11 Schematic Hydrostratigraphic Classification for the VEGP Site

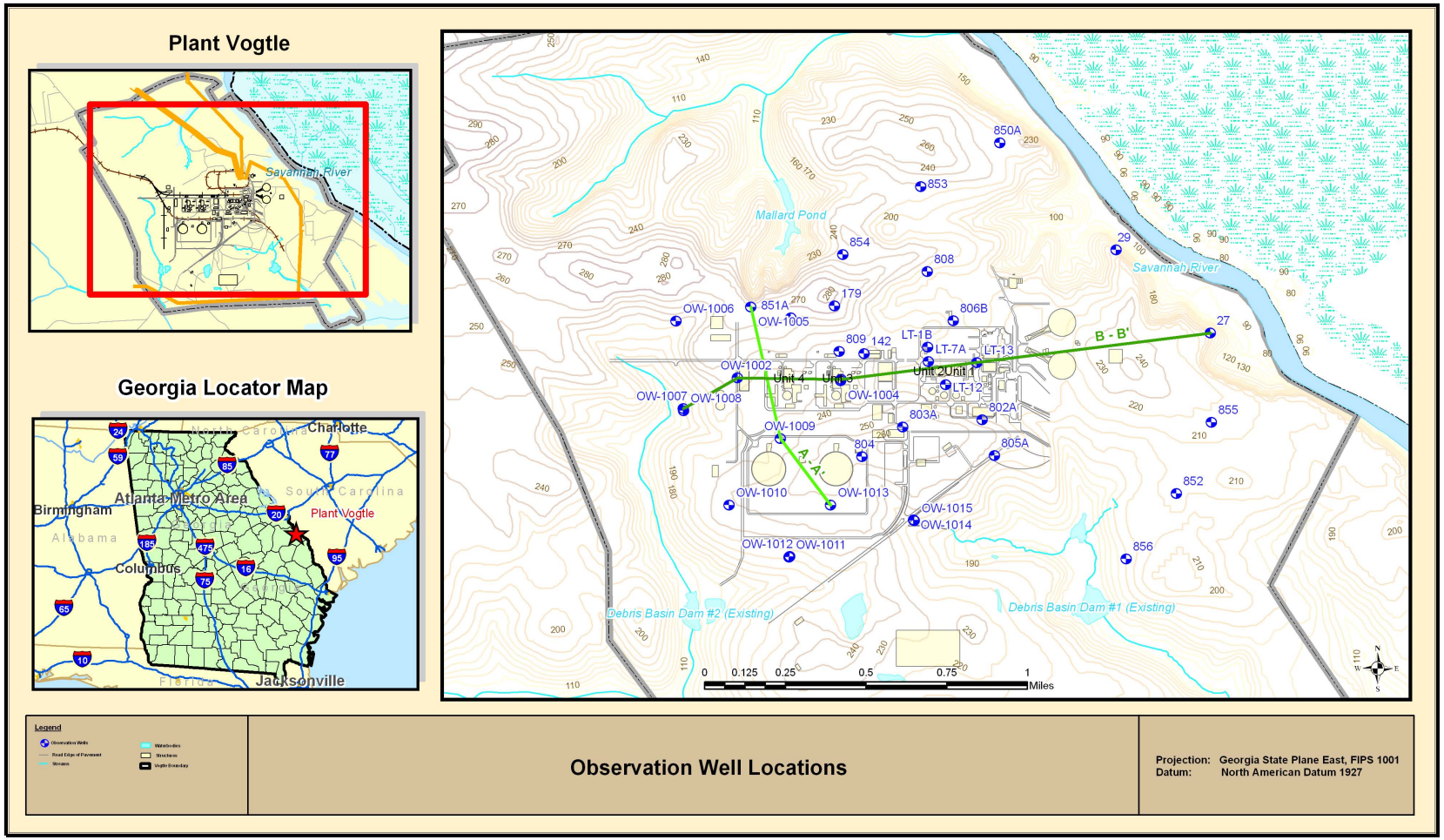


Figure 2.3.1-12 Observation Well Locations

Figure 2.3.1-13 Deleted in Revision 2

Figure 2.3.1-14 Deleted in Revision 2

Figure 2.3.1-15 Deleted in Revision 2

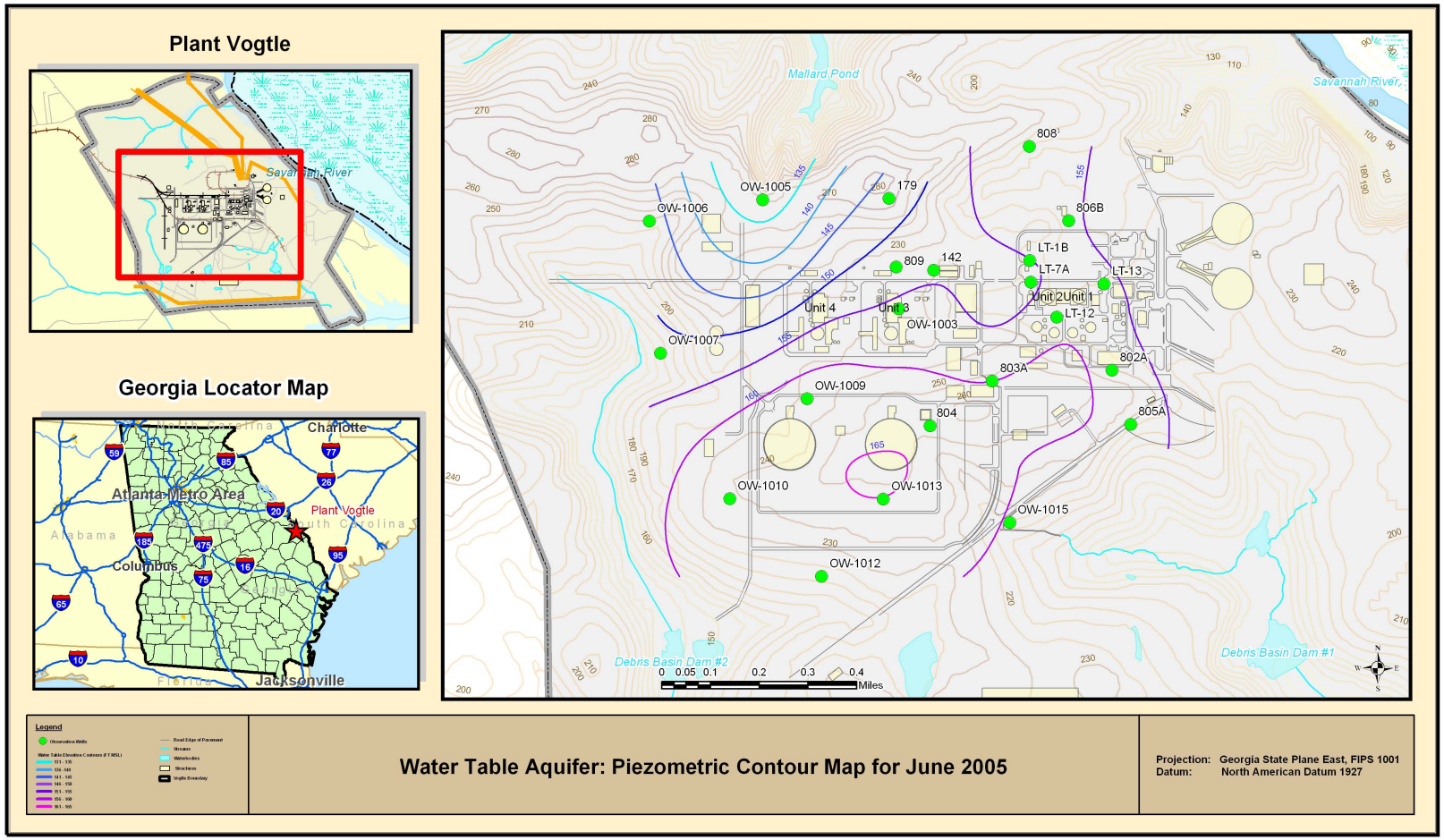


Figure 2.3.1-16 Water Table Aquifer: Piezometric Contour Map for June 2005

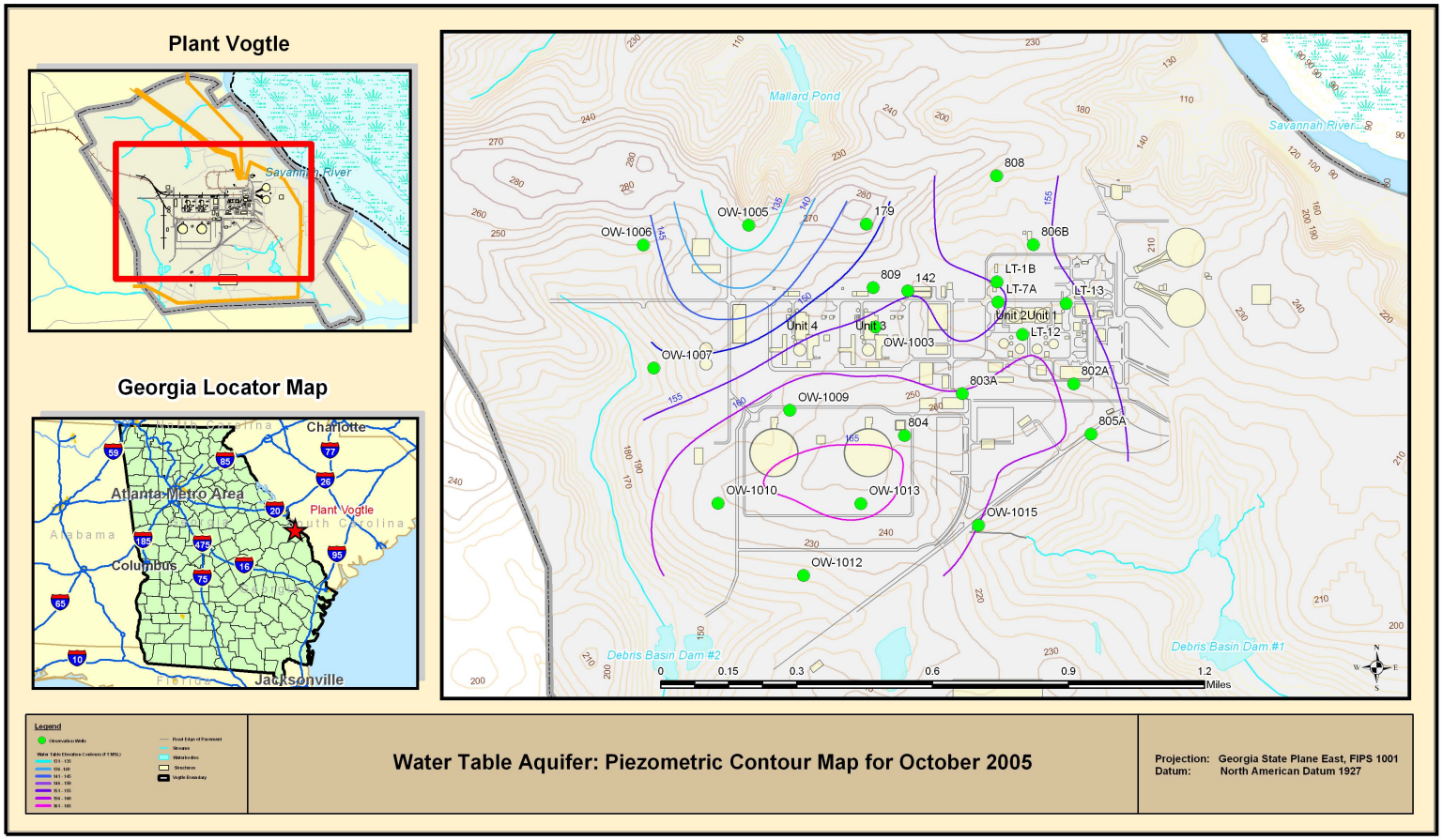


Figure 2.3.1-17 Water Table Aquifer: Piezometric Contour Map for October 2005

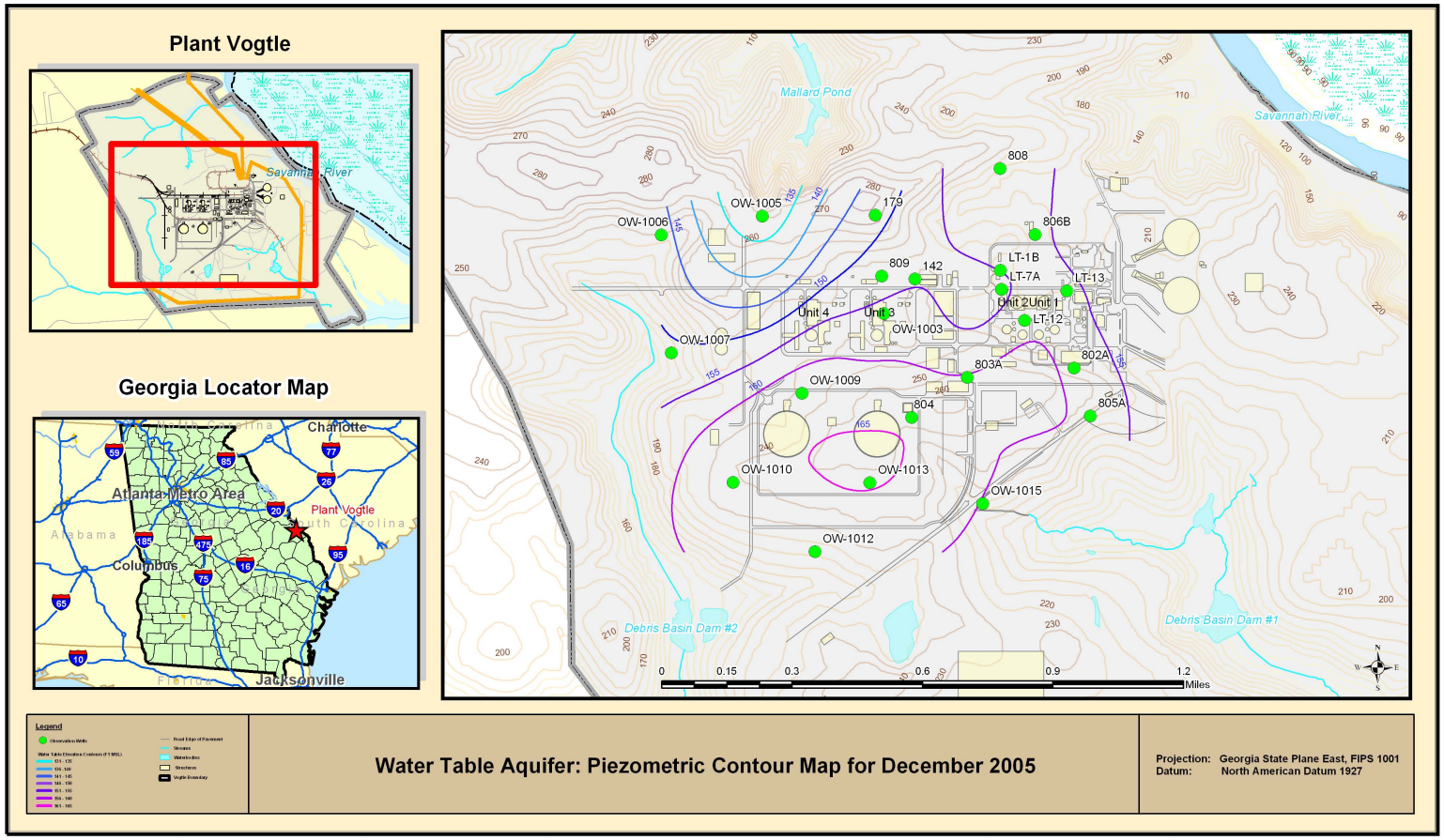


Figure 2.3.1-18 Water Table Aquifer: Piezometric Contour Map for December 2005

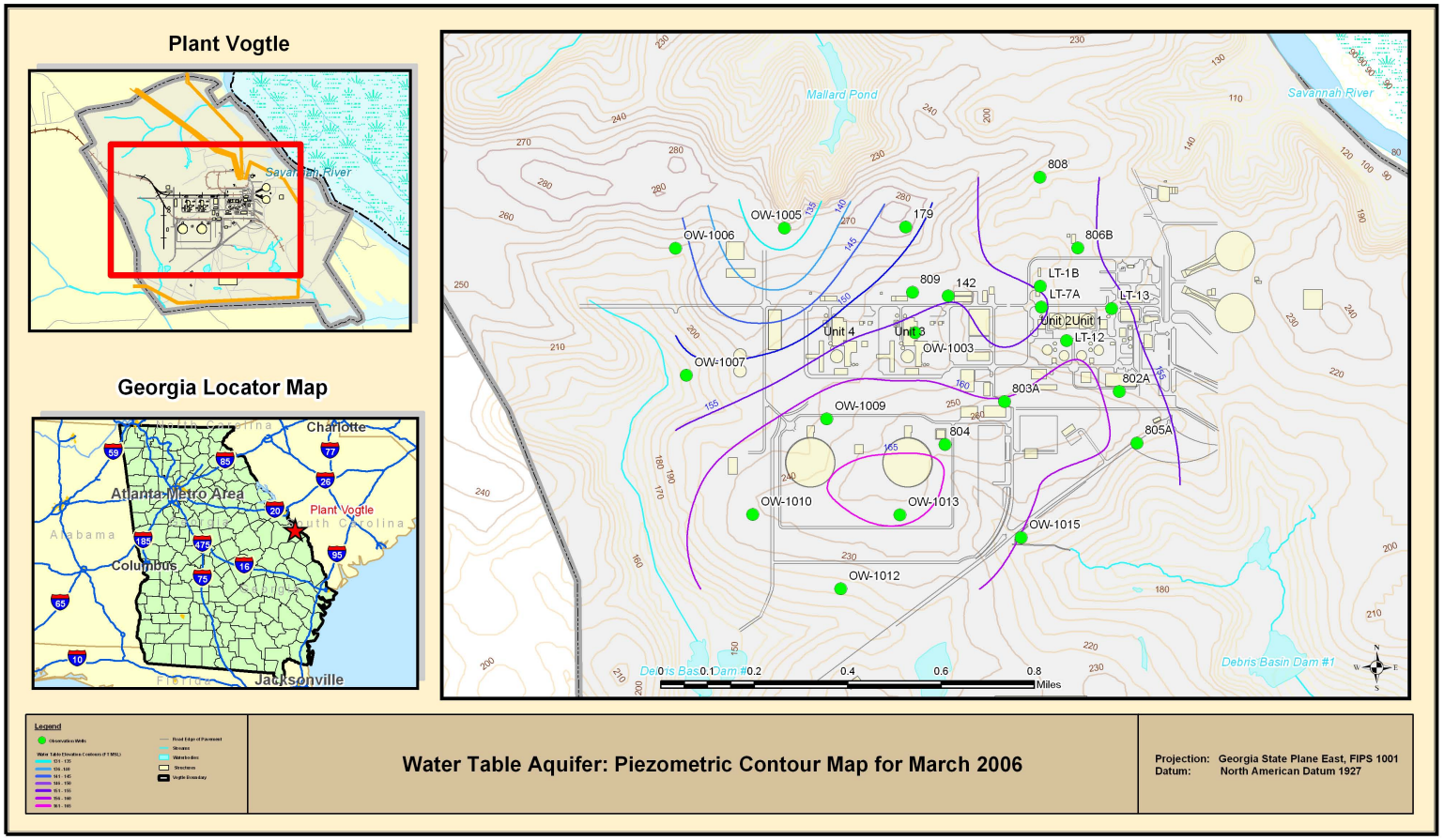


Figure 2.3.1-19 Water Table Aquifer: Piezometric Contour Map for March 2006

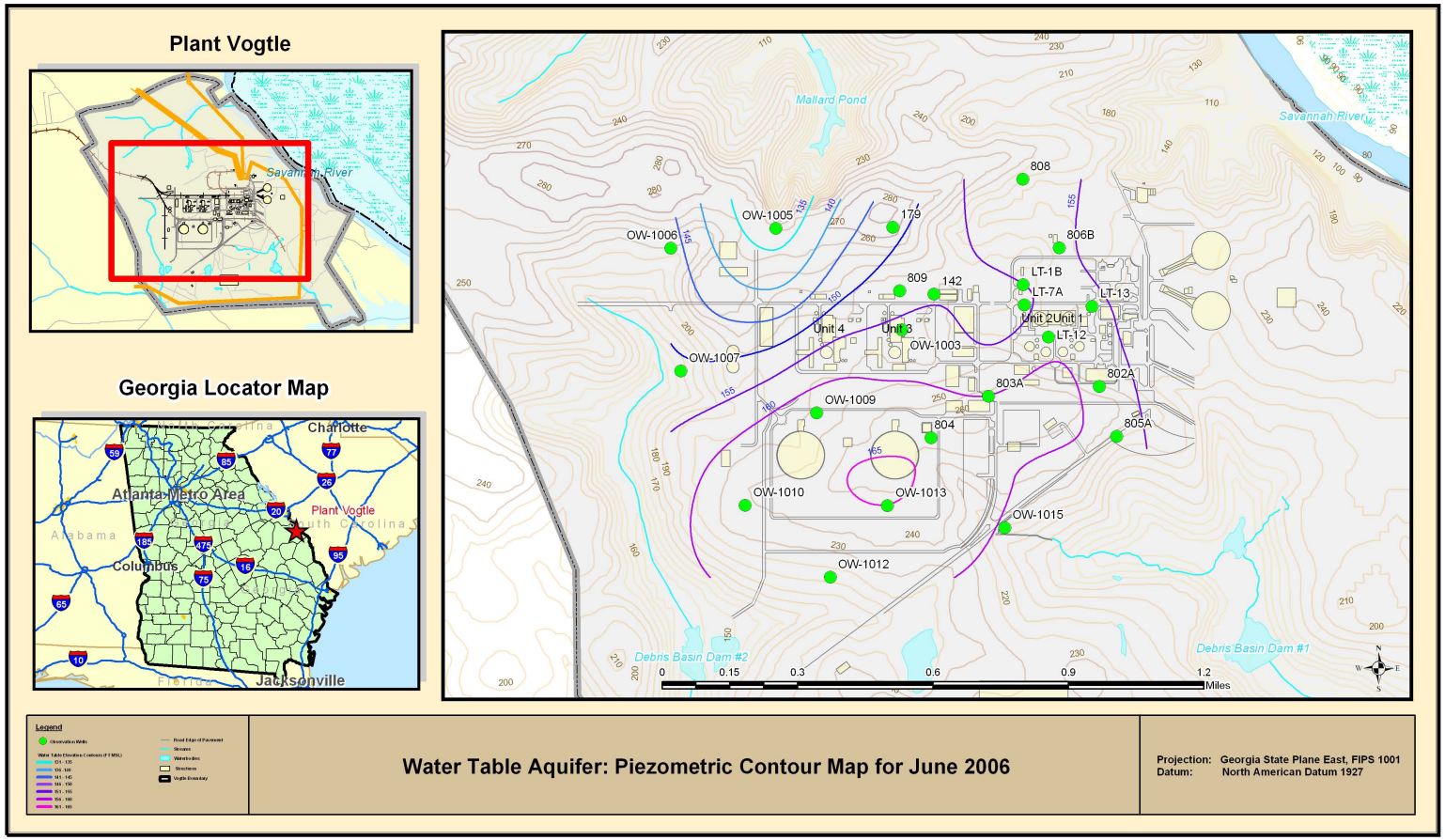


Figure 2.3.1-20 Water Table Aquifer: Piezometric Contour Map for June 2006