Nuclear Regulatory Commission
Exhibit # - NRC00001D-MA-CM01
Docket # - 05200027 | 05200028
Identified: 10/12/2011

Admitted: 10/12/2011 Withdrawn:
Rejected: Stricken:

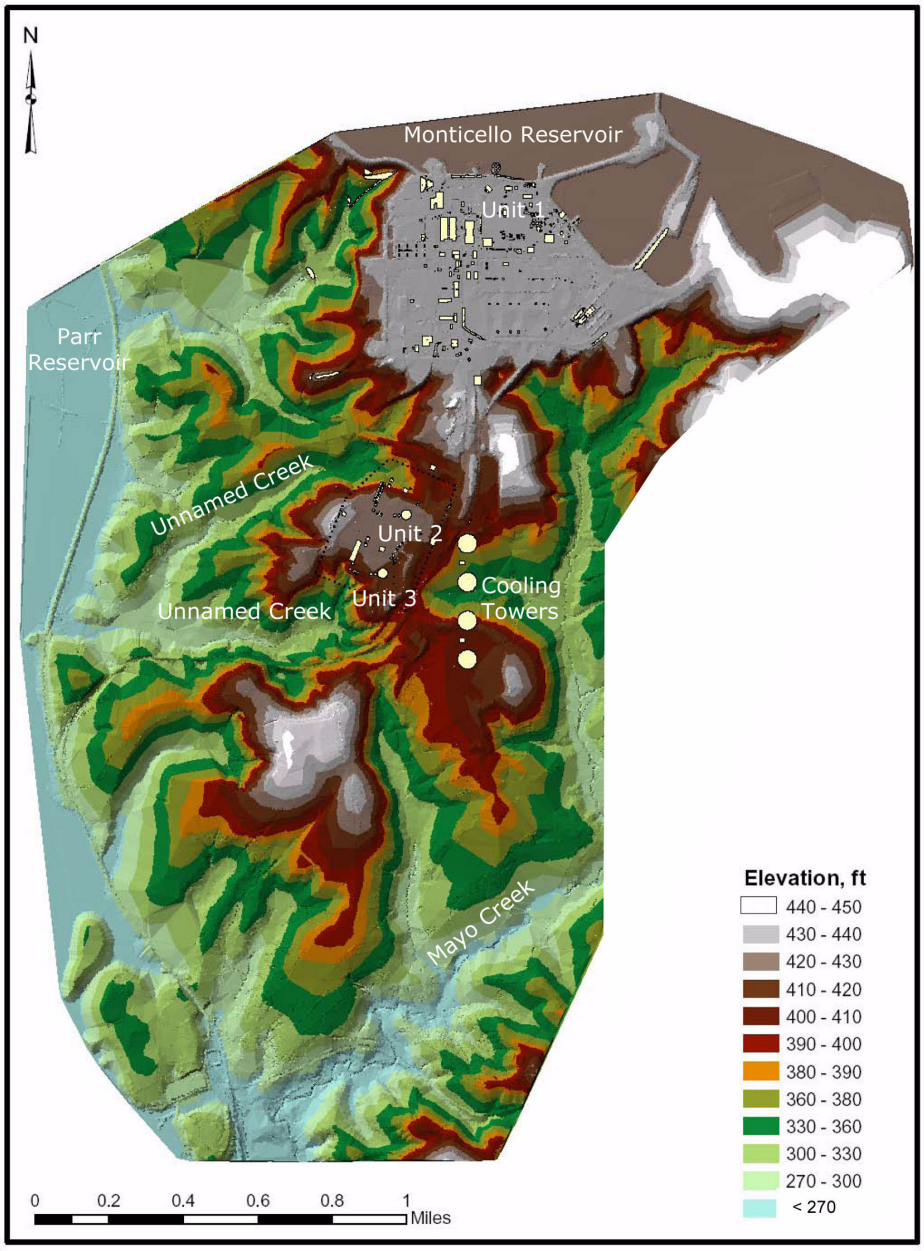
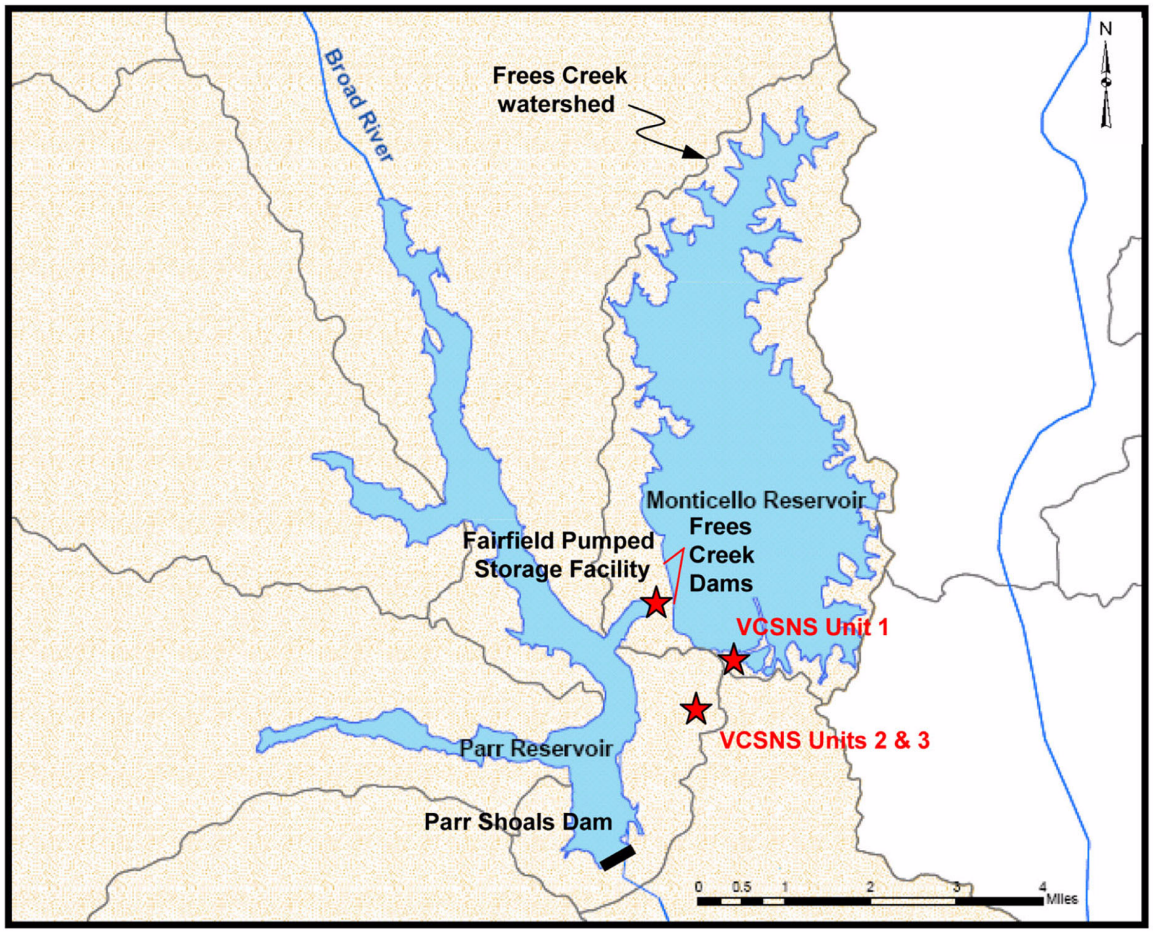


Figure 2.4-201. Topography of the Site of Units 2 and 3 and Vicinity



Data sources:
1. USGS DEM files for Jenkinsville and Salem Crossroads
2. Area survey data from Glenn Associates Surveying, Inc
3. Recent satellite image of the Monticello Reservoir area

Figure 2.4-202. Map Showing Major Hydrologic Features at Plant Site

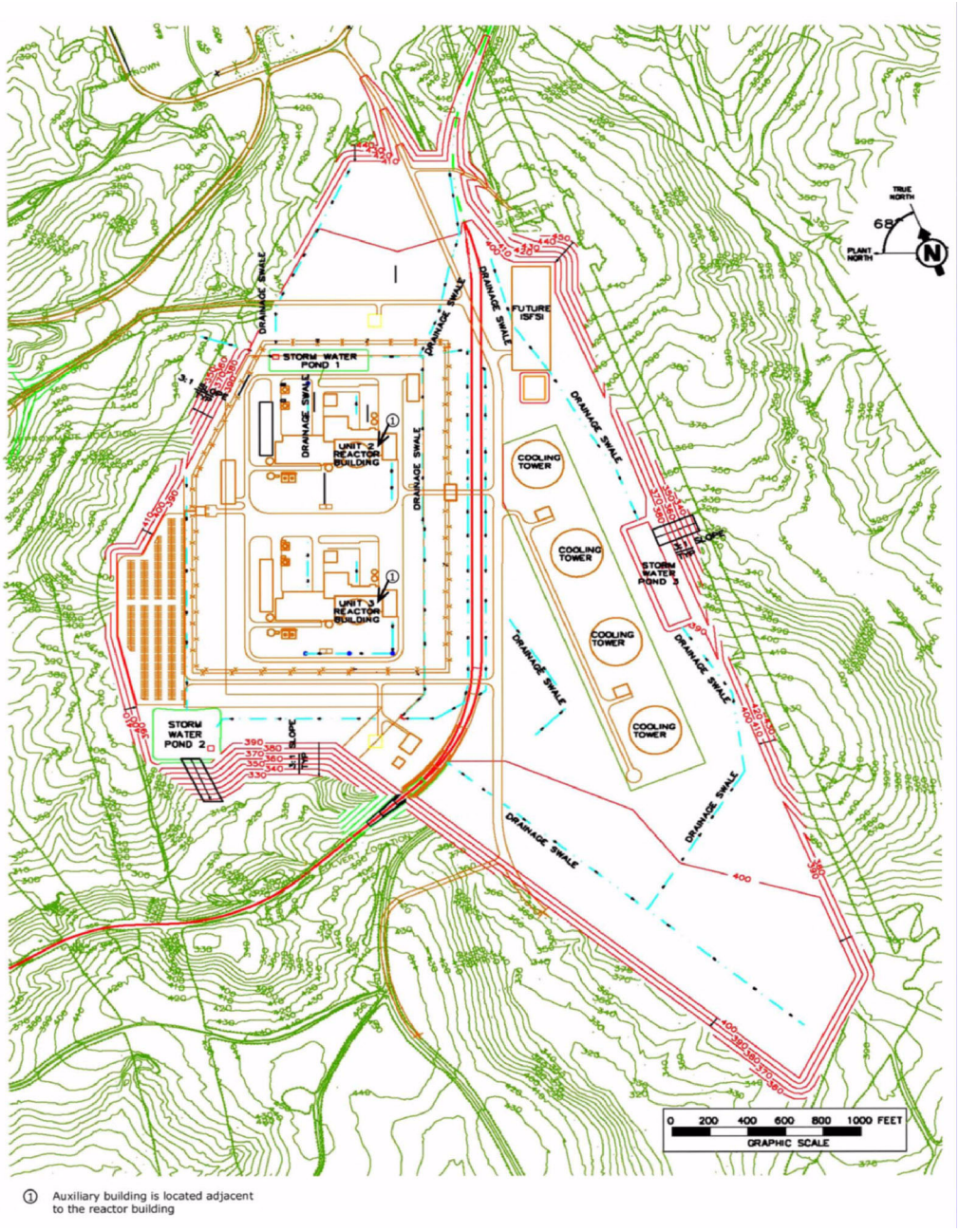


Figure 2.4-203. General Plant Site Layout

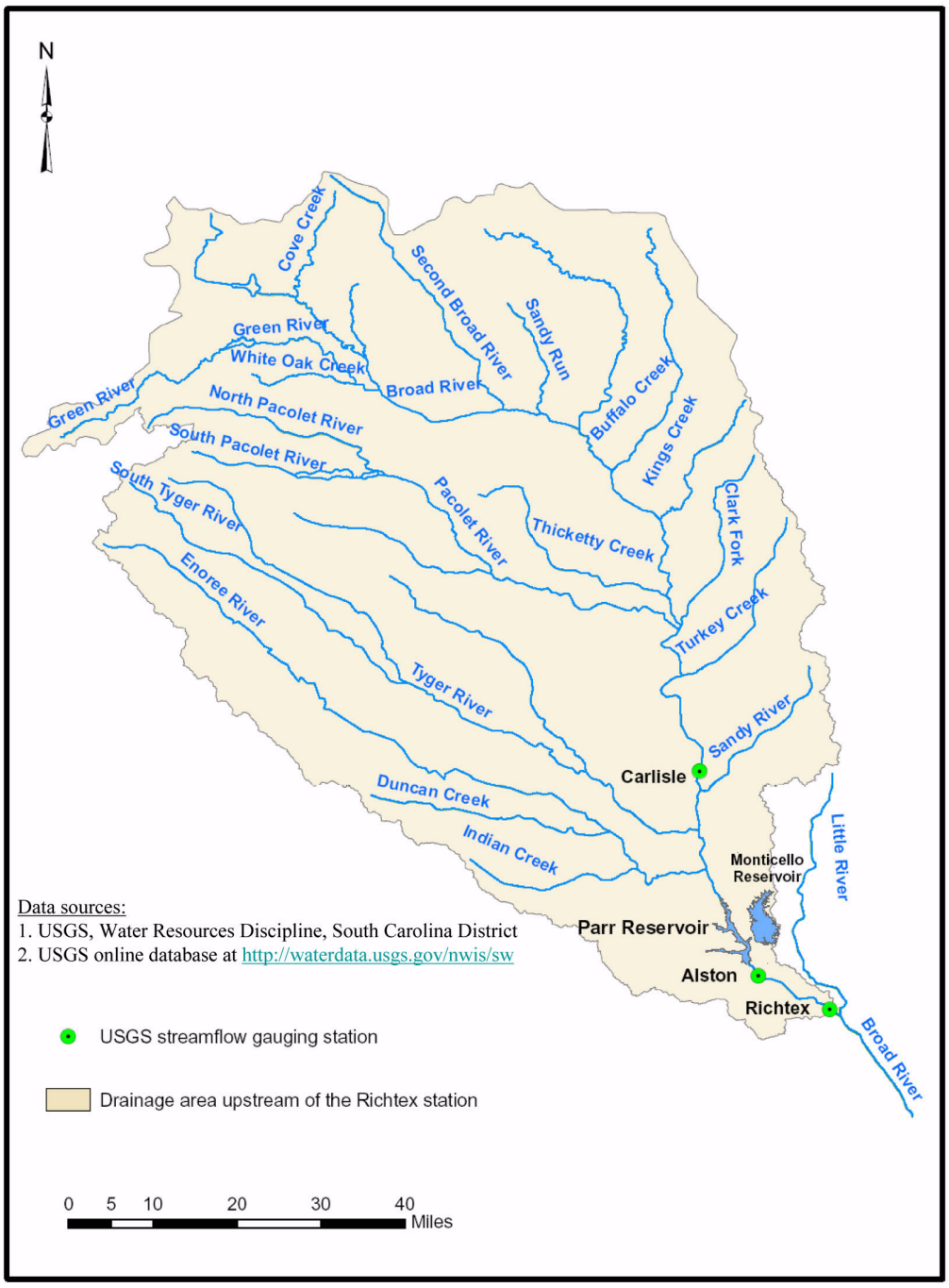


Figure 2.4-204. Broad River Watershed at Richtex

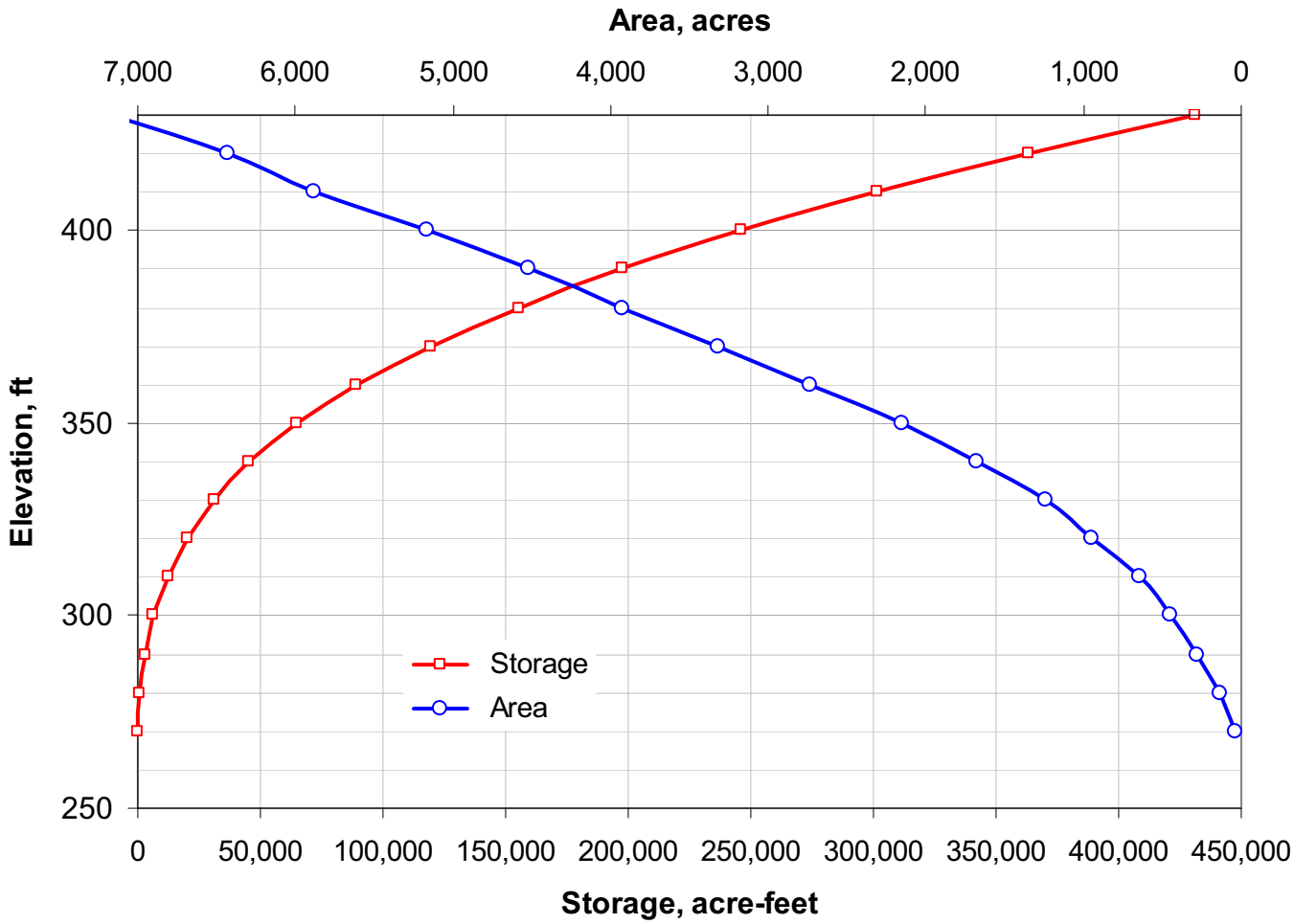


Figure 2.4-205. Monticello Reservoir Area and Storage Capacity Curves (Elevations Relative to NGVD29)

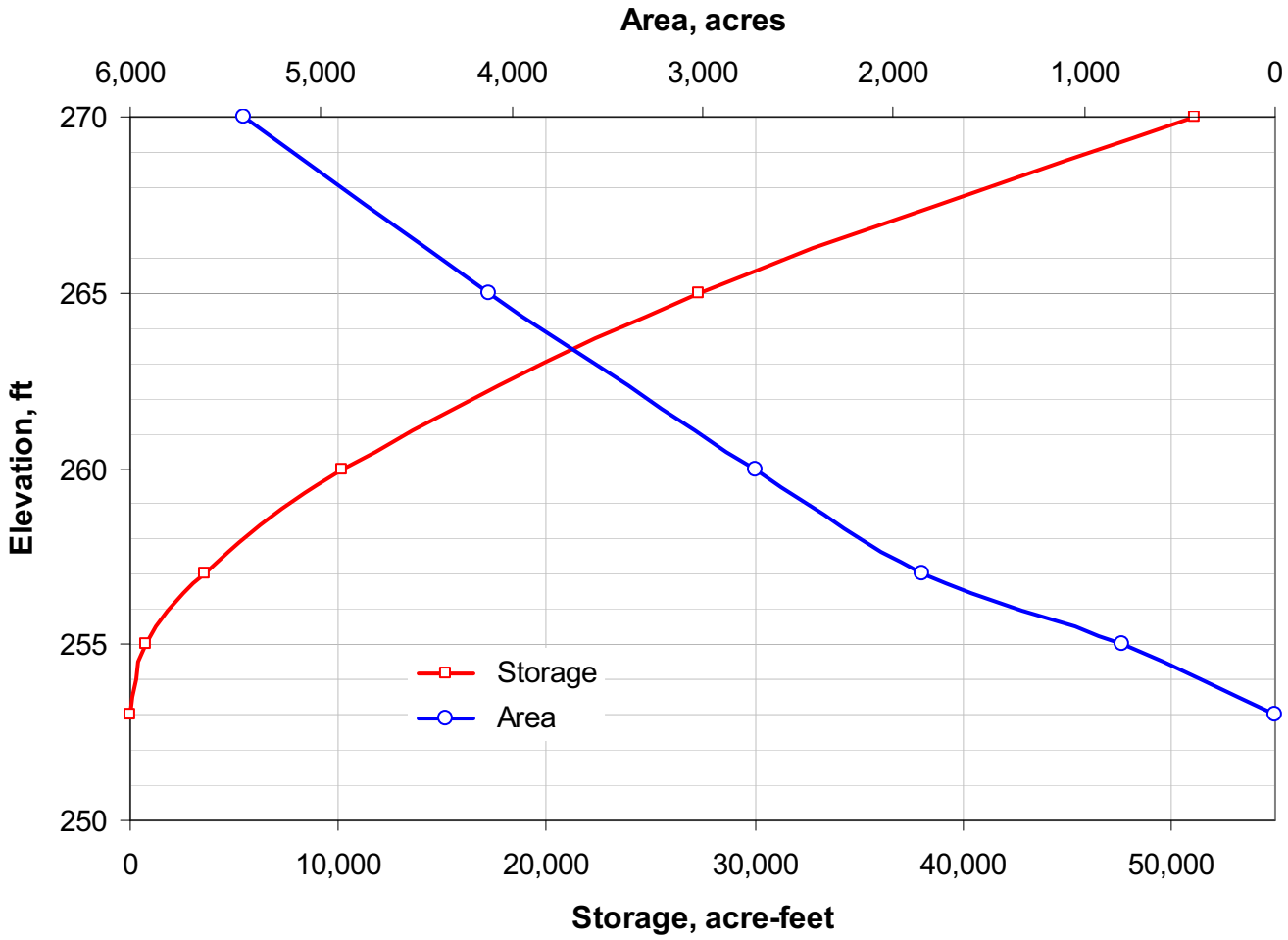


Figure 2.4-206. Parr Reservoir Area and Storage Capacity Curves (Elevations Relative to NGVD29)

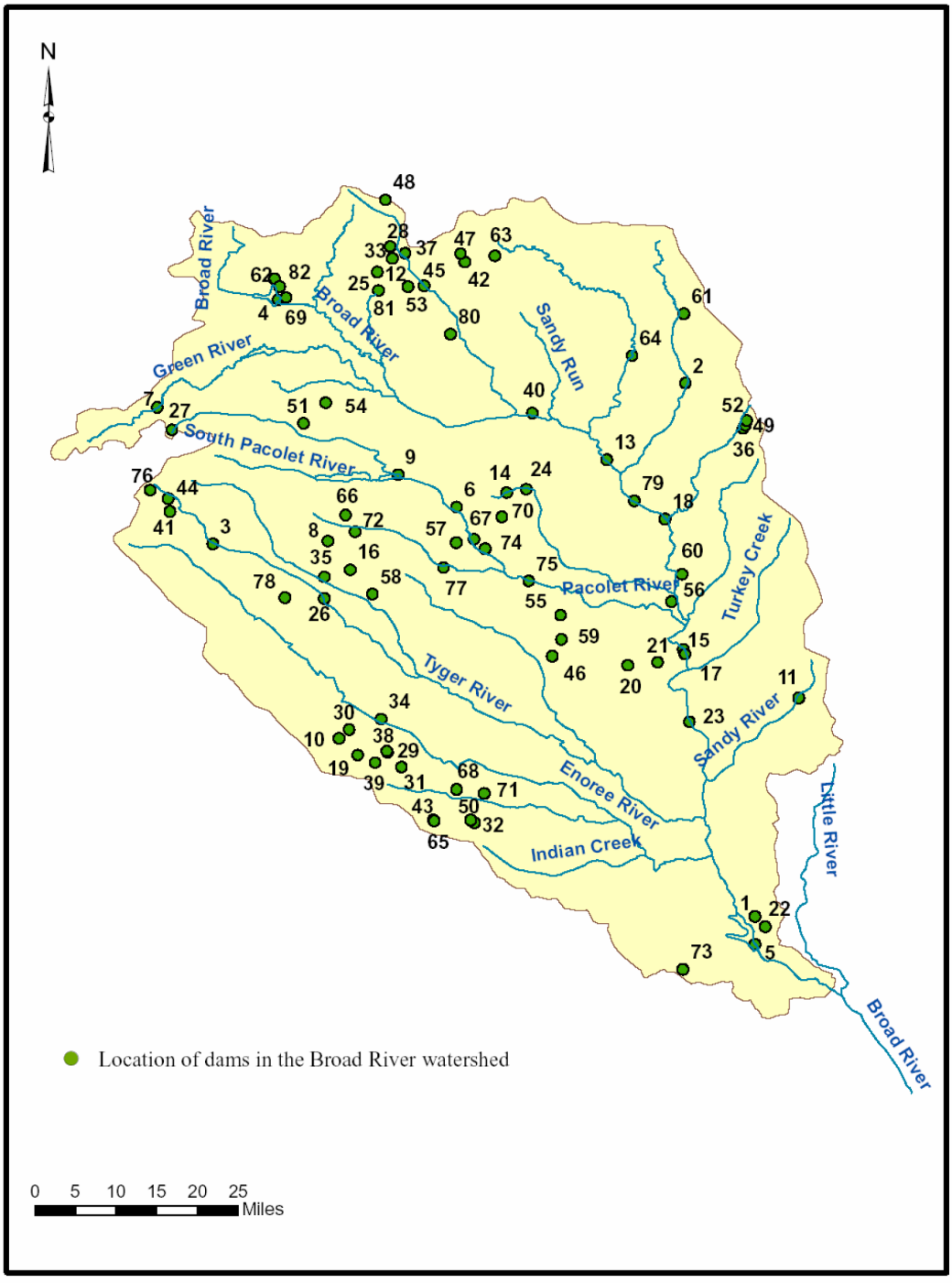


Figure 2.4-207. Location of Dams in the Broad River Watershed Upstream of the Richtex Station seeTable 2.4-204 for Dam Data)

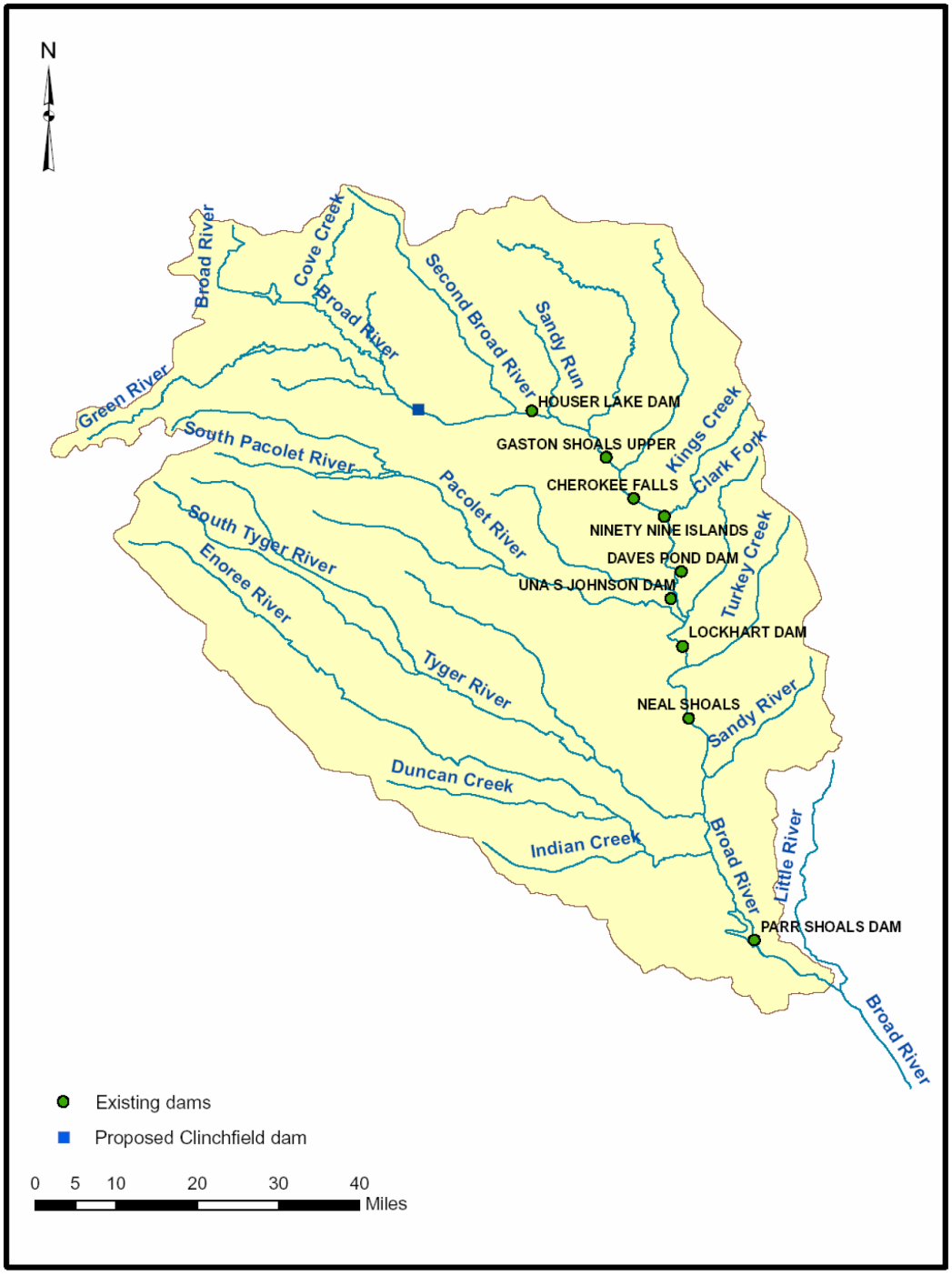


Figure 2.4-208. Locations of Existing and Proposed Reservoirs between Parr Shoals and Clinchfield Dams on Broad River

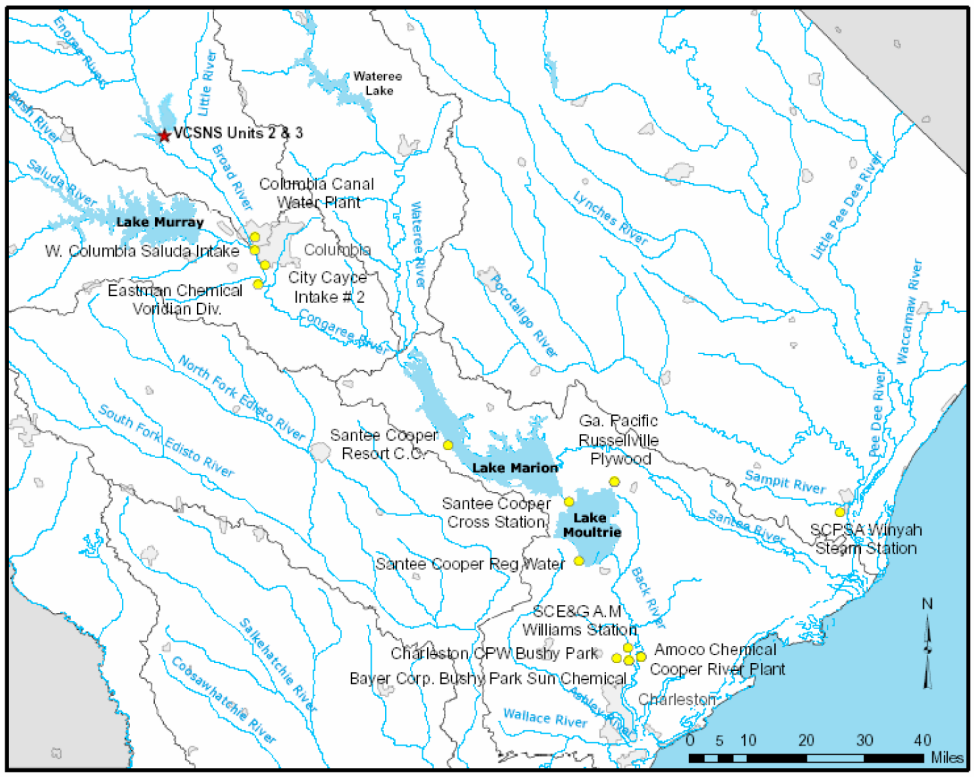


Figure 2.4-209. Downstream Water Users

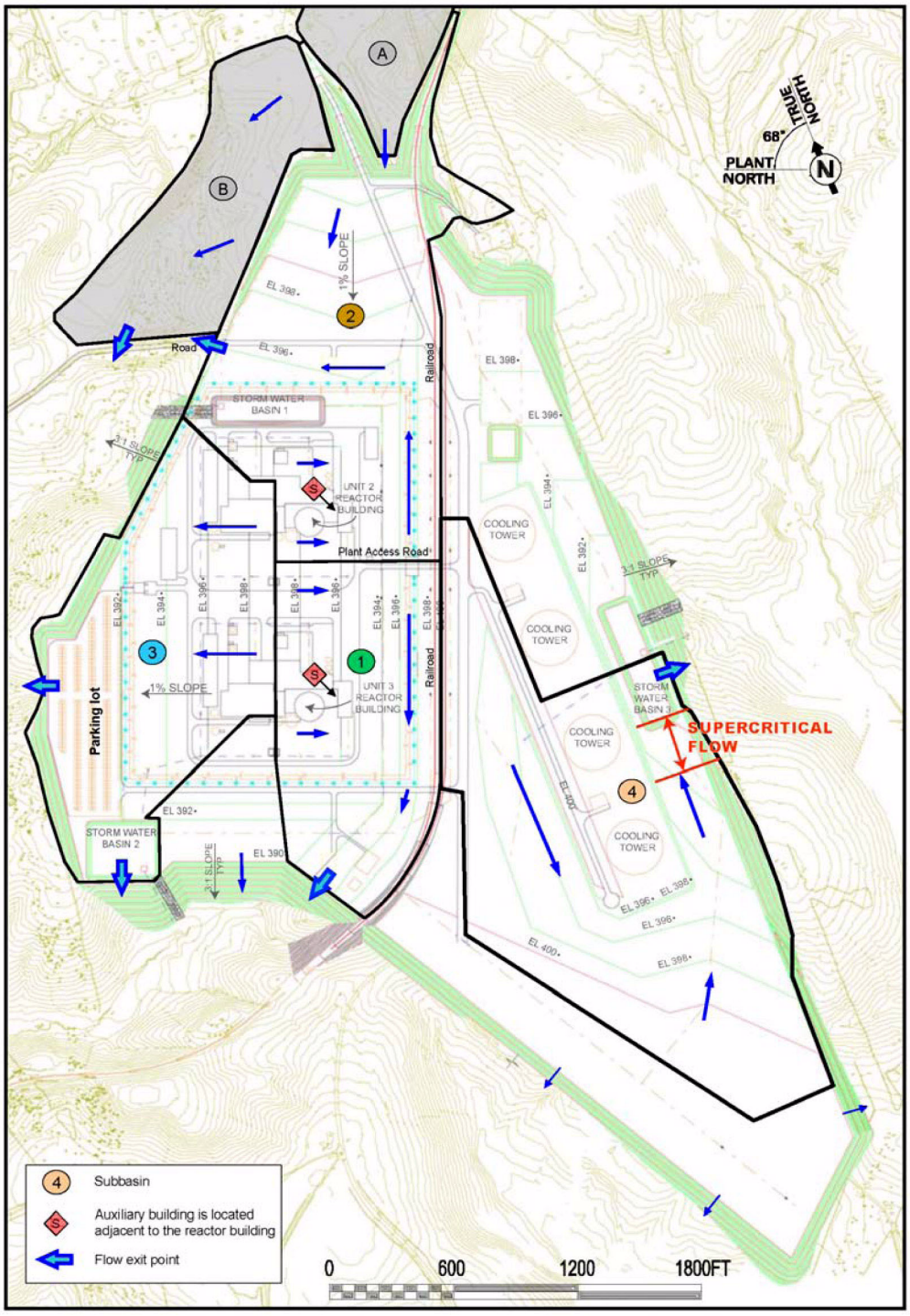


Figure 2.4-210. Plant Site Drainage Basins and Flow Paths

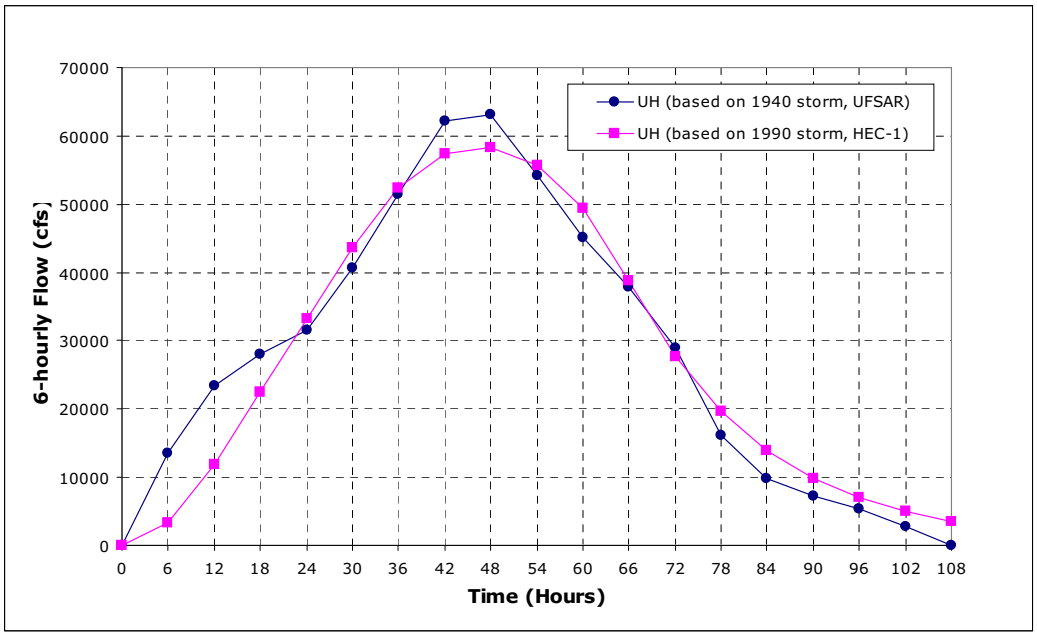


Figure 2.4-211. Comparison of 1940 UH and HEC-1 Optimized UH Based on 1990 Storm Event

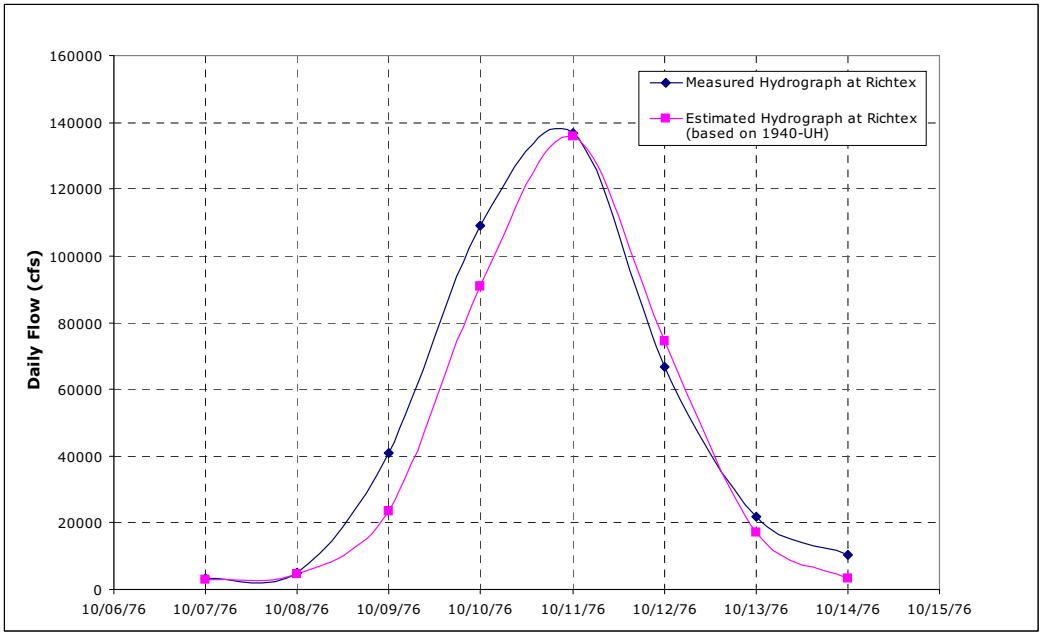


Figure 2.4-212. Comparison of Measured vs. Estimated Flood Hydrograph for 1976 Storm Event

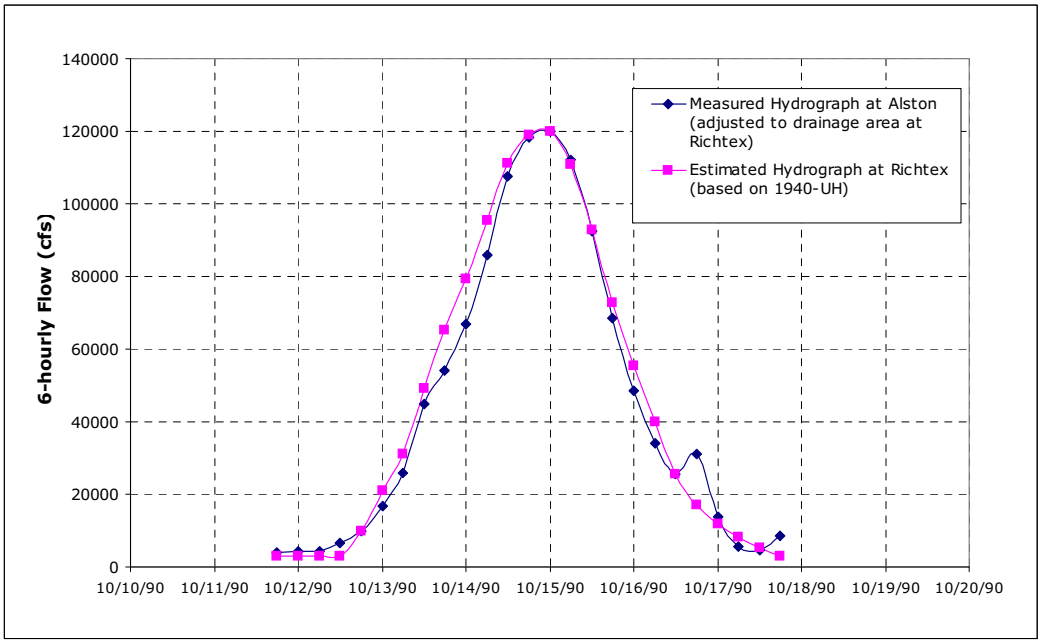


Figure 2.4-213. Comparison of Measured vs. Estimated Flood Hydrograph for 1990 Storm Event

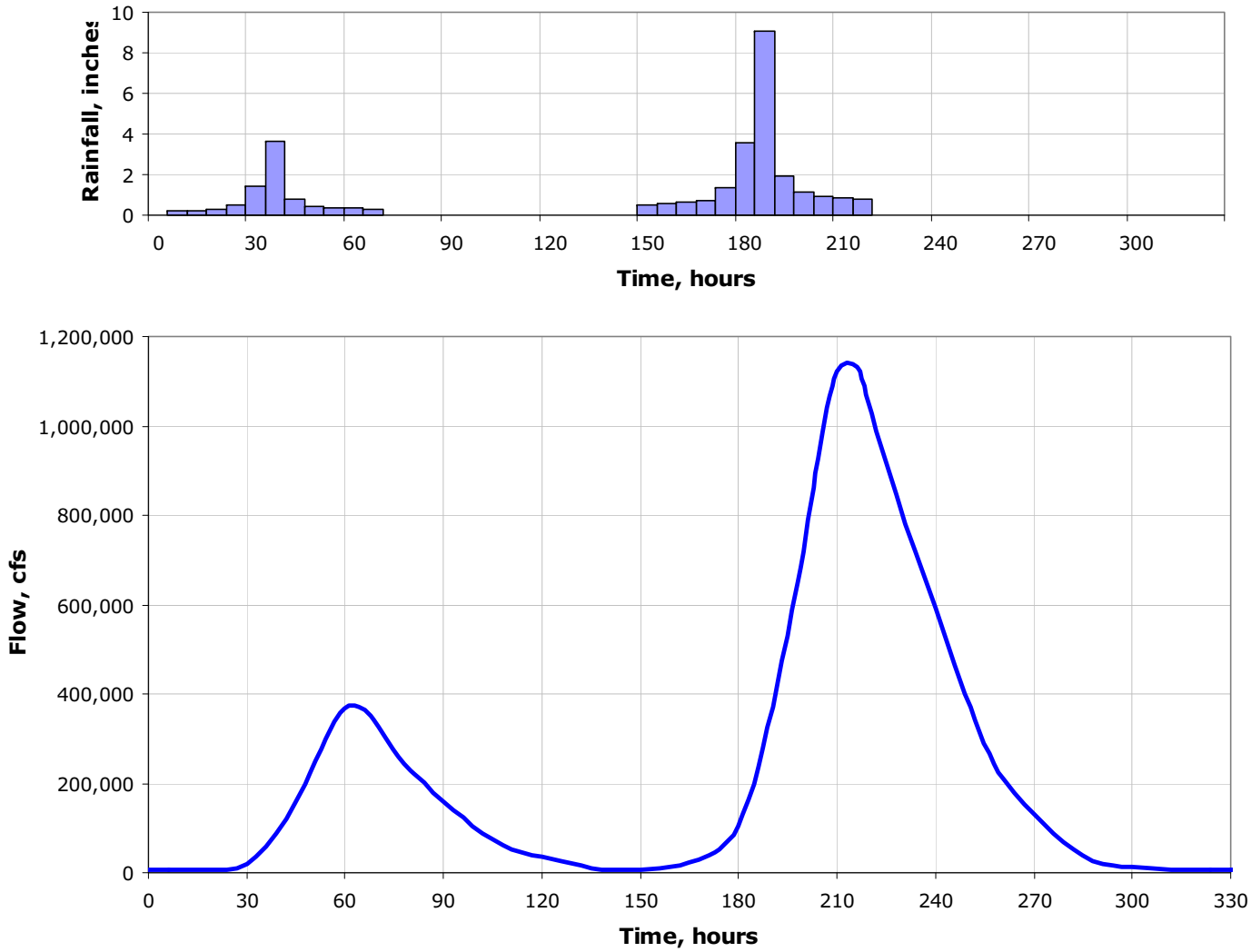


Figure 2.4-214. PMP Rainfall Hyetograph and the PMF Hydrograph for the Broad River Watershed at Richtex

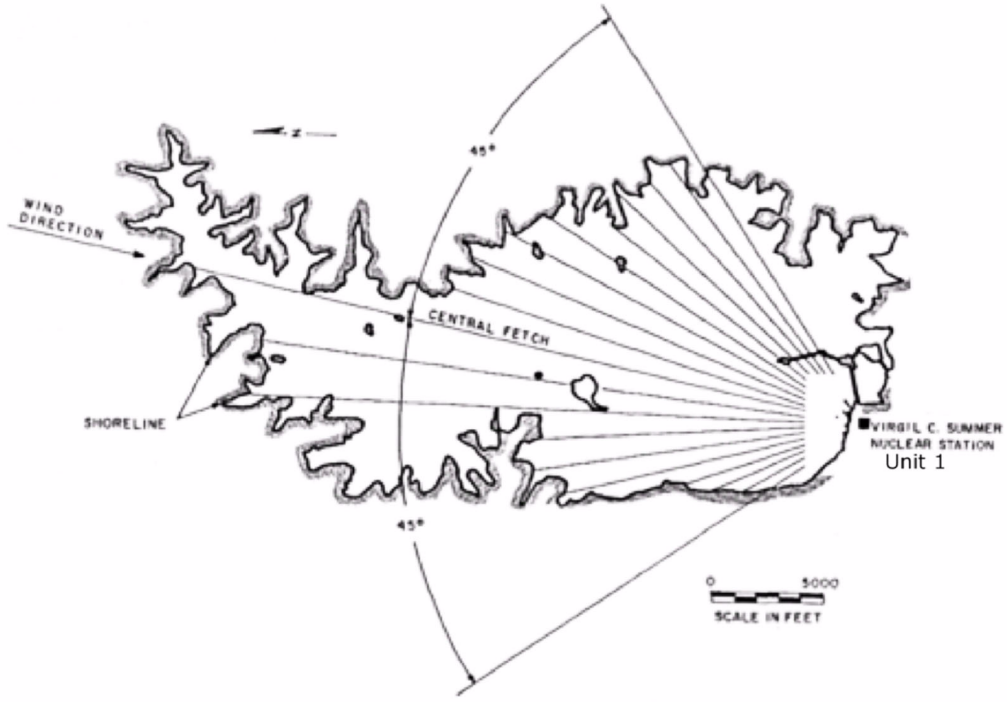


Figure 2.4-215. Wind Fetch Analysis for Monticello Reservoir

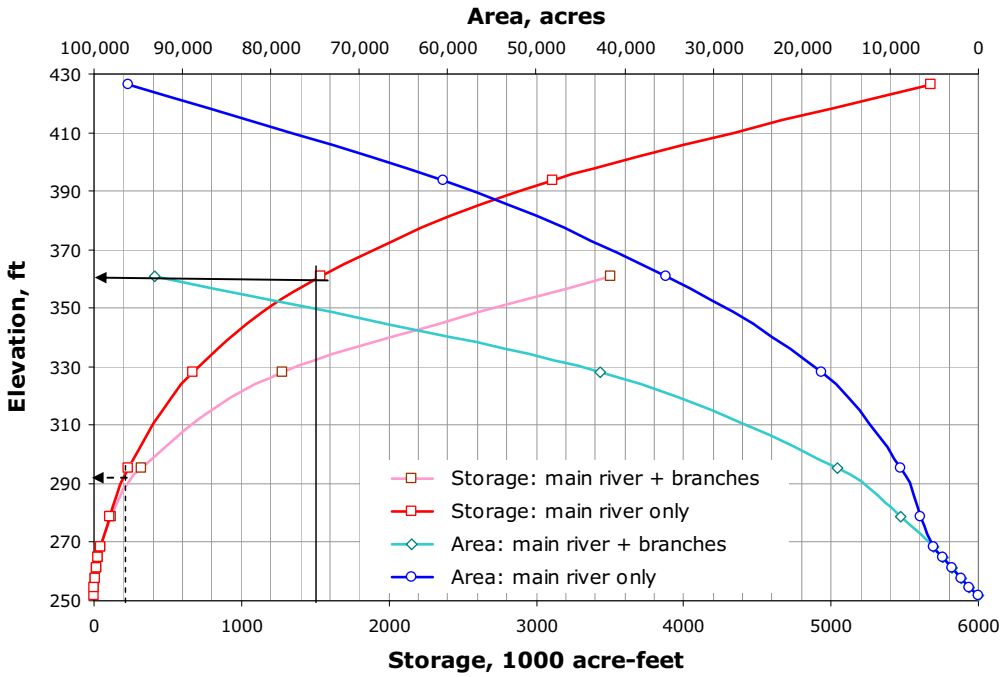


Figure 2.4-216. Elevation Storage Curves Hypothetical Reservoir at Parr Shoals Dam (Elevations Relative to NGVD29)

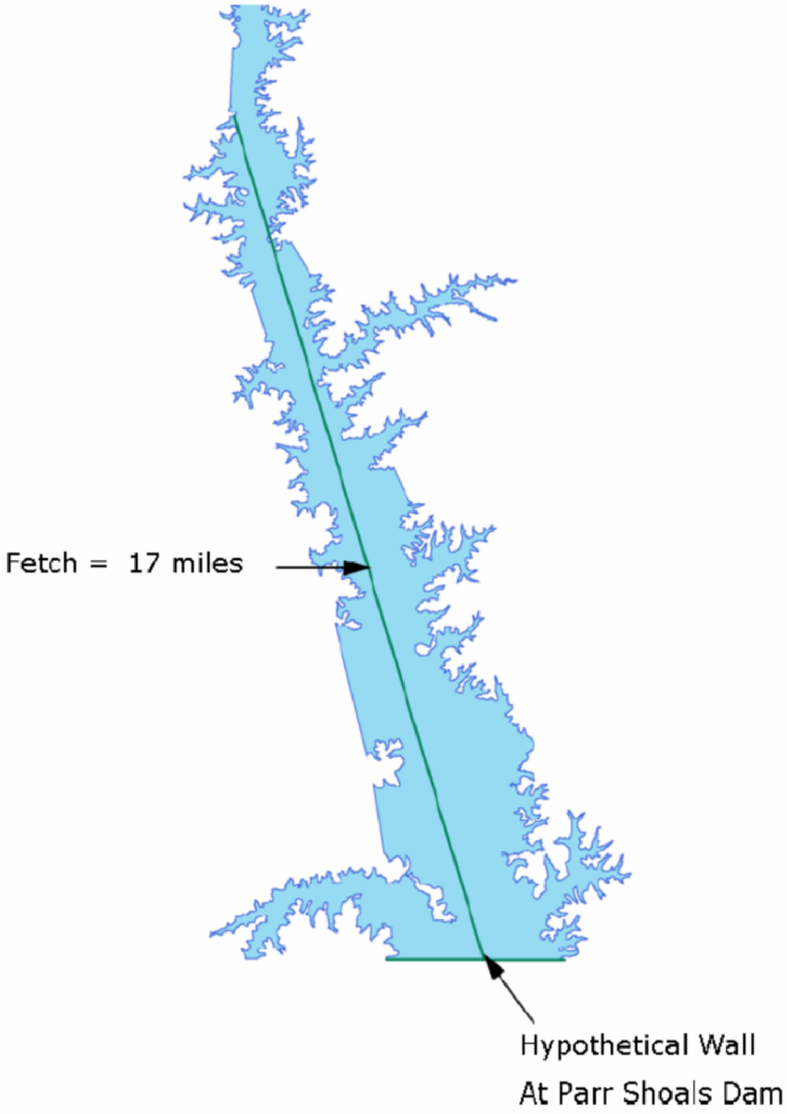


Figure 2.4-217. Fetch Length for Hypothetical Reservoir at Parr Shoals Dam

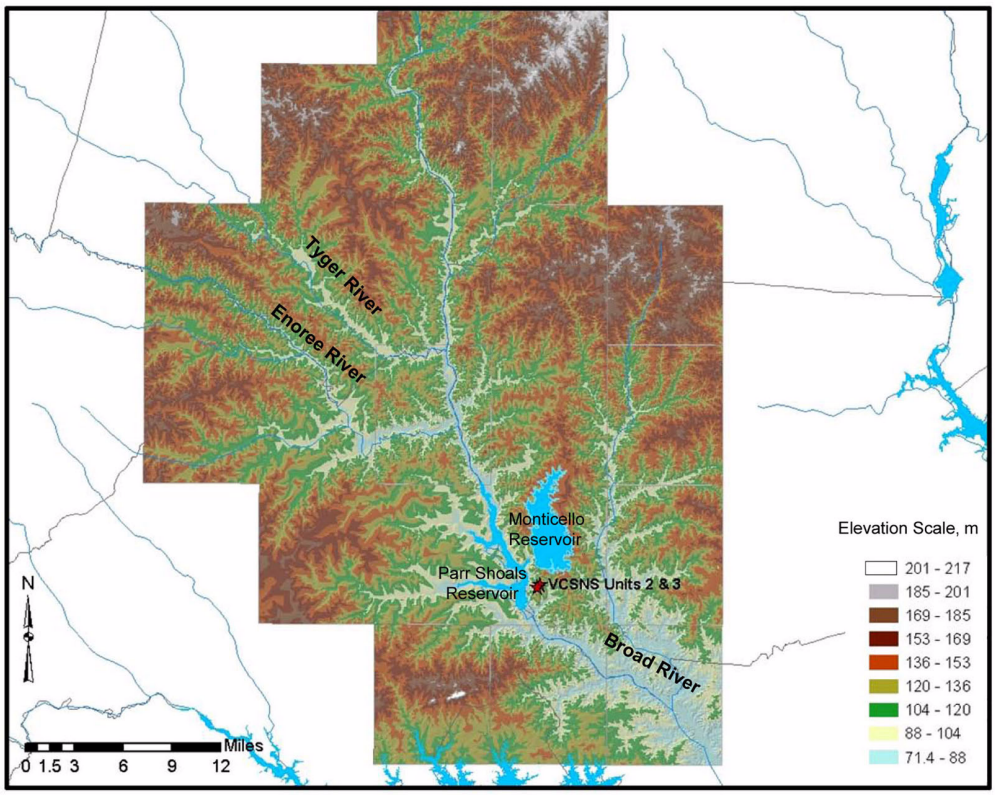


Figure 2.4-218. Topography of Part of the Broad River Watershed Upstream of Parr Shoals Dam (Reference 230)

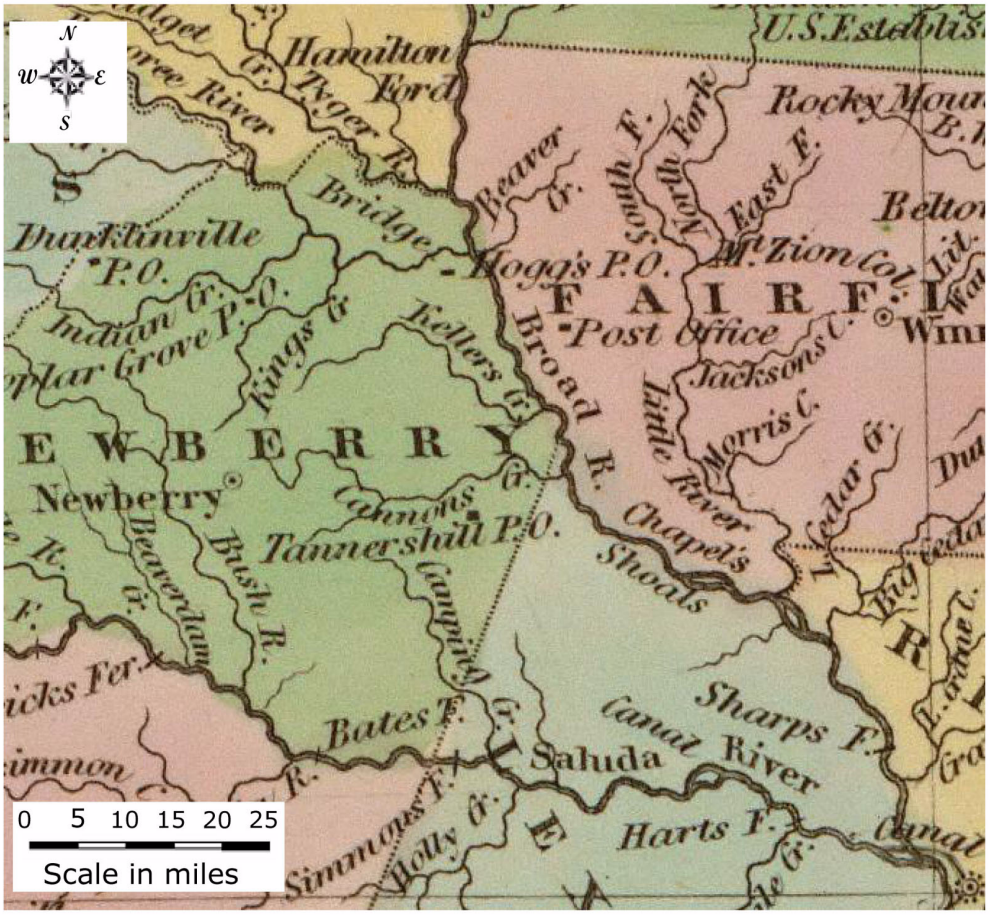


Figure 2.4-219. Map of South Carolina from 1838 (Reference 205)

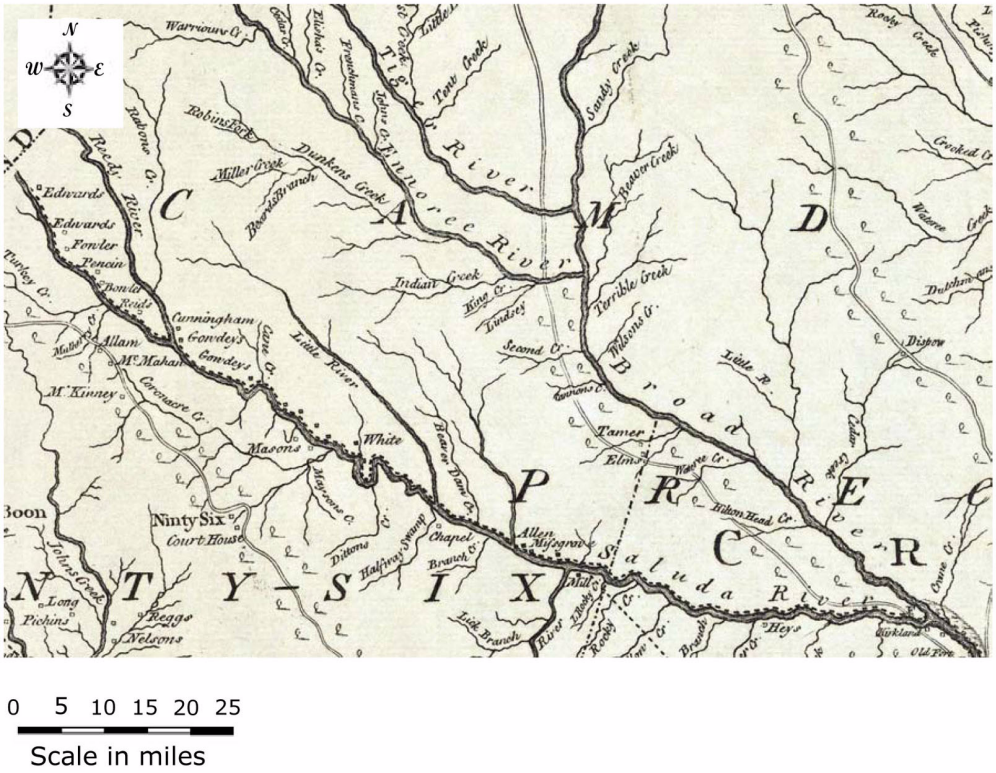


Figure 2.4-220. Map of South Carolina from 1773 (Reference 208)