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Water Quality Monitoring at Mammoth Cave National Park

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Abstract

Since the main objective of the monitoring program for Cumberland Piedmont Network (CUPN) is to detect, and understand changes in major ecosystem resources, the poster information will show results of what has occurred with water quality in the park since 2004. The data cover 13 sites, sampled once a month for 2 years on and 5 years off. The main parameters monitored for MACA include: air and water temperature, pH, flow, dissolved oxygen, specific conductivity, *E. Coli*, nitrates and turbidity. The data are compiled and analyzed at the end of every sampling cycle ultimately for addressing park management needs.