

List of Figures

- 1.3.1.1 Call for Cooperation and Resolution to Endorse a Watershed Study for Cayuga Lake
- 1.5.4.1.1 NYSDEC PWL Scale of Increasing Severity
- 2.1.1.1 Location of the Oswego River Watershed in Central NY
- 2.1.1.2 Generalized Land Surface Elevations in the Oswego River Basin
- 2.1.1.3 Water-feature Surface Elevations
- 2.1.2.1 Municipalities in the Cayuga Lake Watershed
- 2.3.1 City of Ithaca
- 2.7.1 Mudlock
- 2.7.2 Bolton Point
- 2.12.1 Watershed County Percent
- 2.12.2 Land Use by Acreage
- 2.12.3 Agricultural Land Use Acreage
- 2.12.4 Agriculture by County
- 2.12.5 County Percent of Agricultural Land Use
- 2.12.6 Portion of Seneca County Agricultural Land Use
- 2.12.7 Portion of Schuyler County Agricultural Land Use
- 2.12.8 Portion of Cayuga County Agricultural Land Use
- 2.12.9 Portion of Cortland County Agricultural Land Use
- 2.12.10 Portion of Tomkins County Agricultural Land Use
- 2.12.11 Residential Land Use Acreage
- 2.12.12 Vacant Land Use Acreage
- 2.12.13 Park Land Use Acreage
- 2.12.14 Community Service Land Use Acreage
- 2.12.15 Commercial Land Use Acreage
- 2.12.16 Public Utility/Infrastructure Land Use Acreage
- 2.12.17 Industrial Land Use Acreage
- 2.13.1 Number of Tourism-Related Establishments in the Cayuga Lake Watershed, 1980-1997
- 2.14.1 Percent Changes in Population Municipalities in the Cayuga Lake Watershed 1970-1990
- 2.14.2 Projected Percent Change in Population for Municipalities in Watershed 1990-2010
- 3.1 Roadbank Erosion along Bergen Road
- 3.2 Streambank Erosion McDuffie Town Subwatershed
- 3.3 Streambank Undercutting along Minneger Creek
- 3.4 Garbage in Willow Creek
- 3.5 Ithaca Area Waste Water Treatment Plant
- 3.6 Open Farmland
- 3.7 Orchard
- 3.12.1 Farm Nutrient Worksheet, Cayuga County
- 3.12.2 Farm Sediment Worksheet Summary, Cayuga County
- 4.2.1 Drainage areas
- 4.2.2 Water Flux for Subwatersheds
- 4.2.3 Estimated Annual Water Flow for Subwatersheds
- 4.2.4 Tributary Flows
- 4.2.5 Cayuga Lake rule curve
- 4.2.6 1895 topographic quad of southern lake
- 4.2.7 1949 topographic quad of southern lake
- 4.2.8 Sediment plume, 1993 flood
- 4.2.9 Calcium Concentration in Cayuga Lake Tributaries
- 4.2.10 Sodium Concentration in Cayuga Lake Tributaries
- 4.2.11 Chloride Concentration in Cayuga Lake Tributaries
- 4.2.12 Nitrate Concentration in Cayuga Lake Tributaries
- 4.2.13 Comparisons of northern and southern tributaries to Cayuga Lake
- 4.2.14 Average concentration of selected water quality parameters in tributaries
- 4.2.15 Apportionment of load of selected water quality parameters in tributaries
- 4.2.16 RIBS results, Fall Creek

- 4.2.17 TP:TSS regression, Fall Creek RIBS
- 4.2.18 Seasonal Fluctuation in Nitrate Concentration, Fall Creek
- 4.2.19 Suspended Sediment LSC Return Flow and Outfall Region
- 4.2.20 Total Phosphorus LSC Return Flow and Outfall Region
- 4.2.21 Soluble Reactive Phosphorus LSC Return Flow and Outfall Region
- 4.2.22 Soluble Reactive Phosphorus Profile
- 4.3.1 Volume of Cayuga Lake with Depth, Late Summer Conditions
- 4.3.2 Bathymetric map of Cayuga Lake
- 4.3.3 Lake Bottom
- 4.3.4 Time series of observed 1995 temperatures
- 4.3.5 Histogram of current velocity at LSC intake depth and location
- 4.3.6 Secchi Disk Transparency Northern Cayuga Lake, 1991-1998
- 4.3.7 Histogram of Secchi disk transparency data, northern Cayuga Lake
- 4.3.8 Charge Balance
- 4.3.9 Chloride Concentrations, 1965 – 1999
- 4.3.10 DO, Temperature and Percent Saturation Profiles with Depth, Southern Cayuga Lake, 1995
- 4.3.11 Seasonal Phytoplankton Succession, 1996
- 4.3.12 Relative abundance of selected species and total biomass of macrophytes
- 4.3.13 Zooplankton densities, 1994
- 4.3.14 Benthic Invertebrates, 1994
- 4.3.15 Fish densities
- 4.3.16 Classification segments of Cayuga Lake

[Back to Table of Contents](#)