

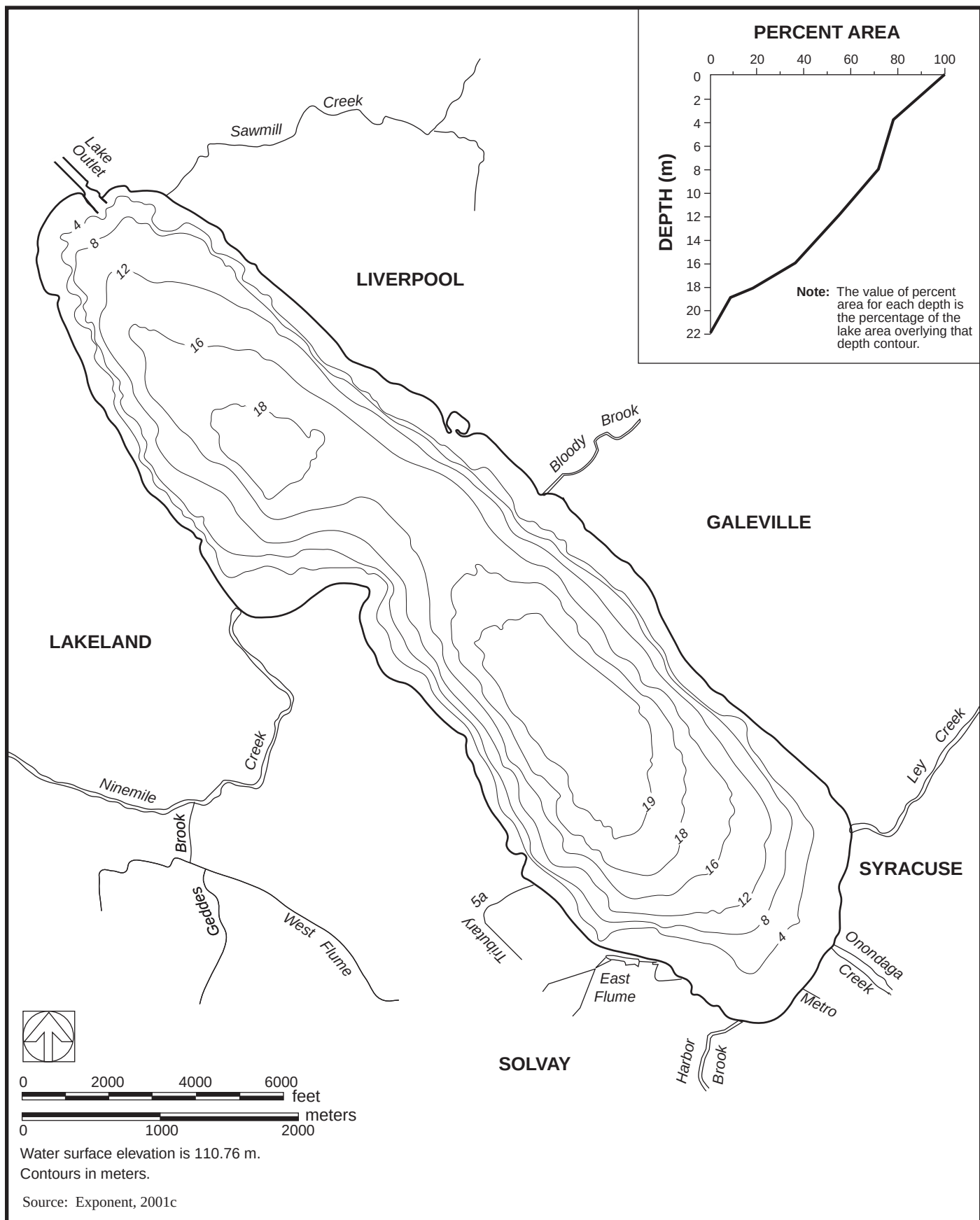


Figure 3-1. Bathymetry and hypsographic curve (inset) for Onondaga Lake

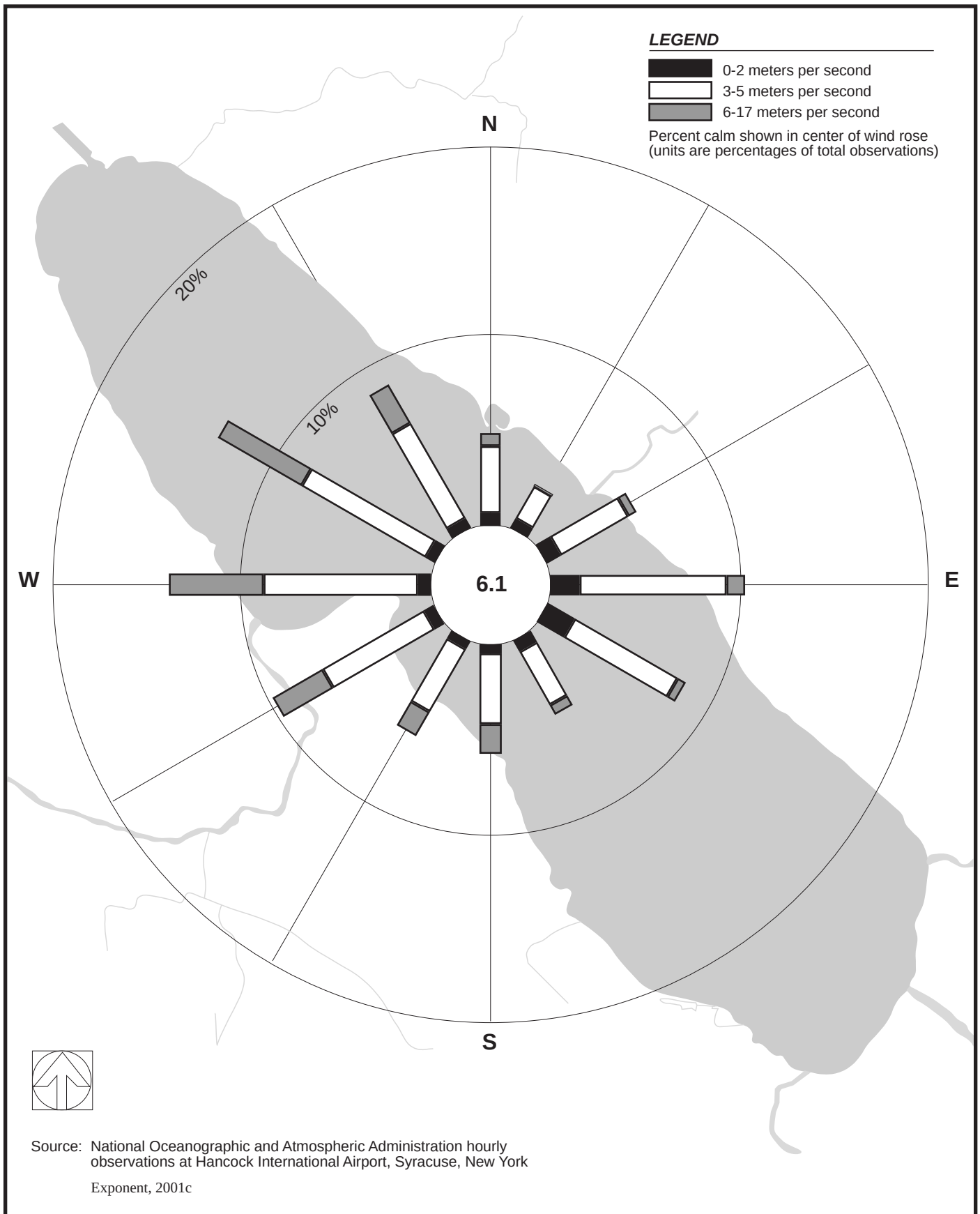


Figure 3-2. Annual wind rose for Onondaga Lake during 1983 to 1992

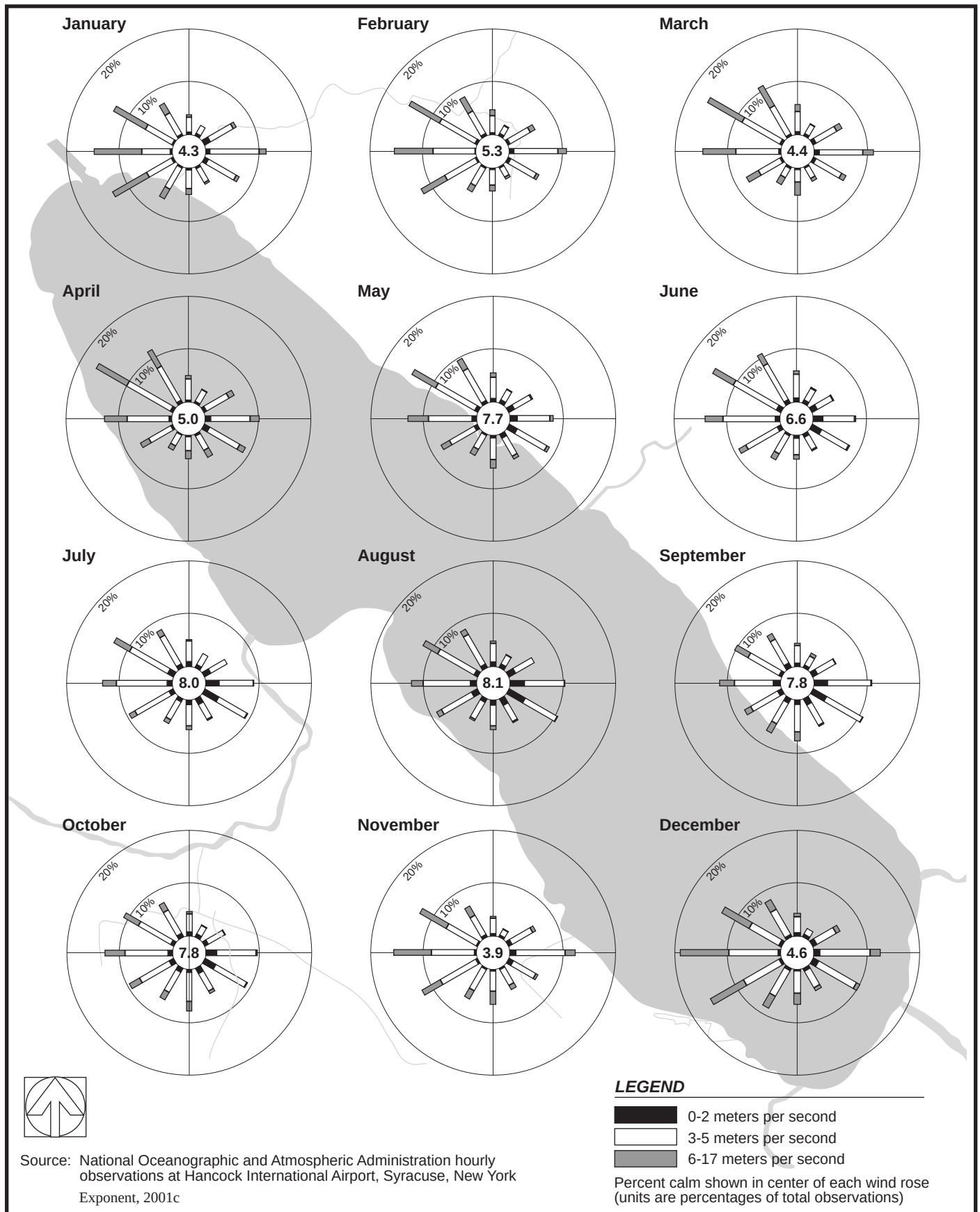
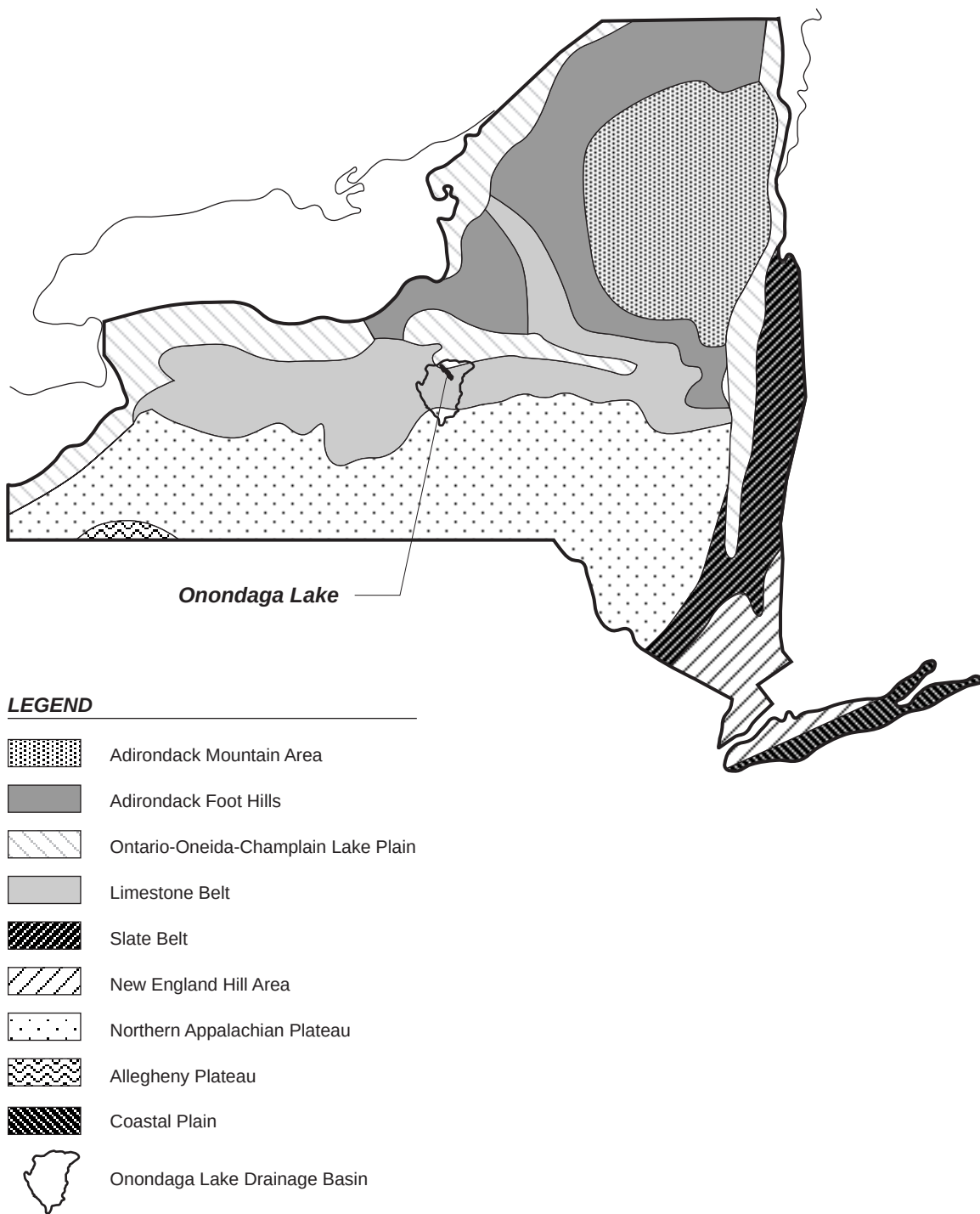


Figure 3-3. Monthly wind roses for Onondaga Lake during 1983 to 1992



Source: Berg (1963)
Exponent, 2001c

Figure 3-4. Physiographic regions of New York State

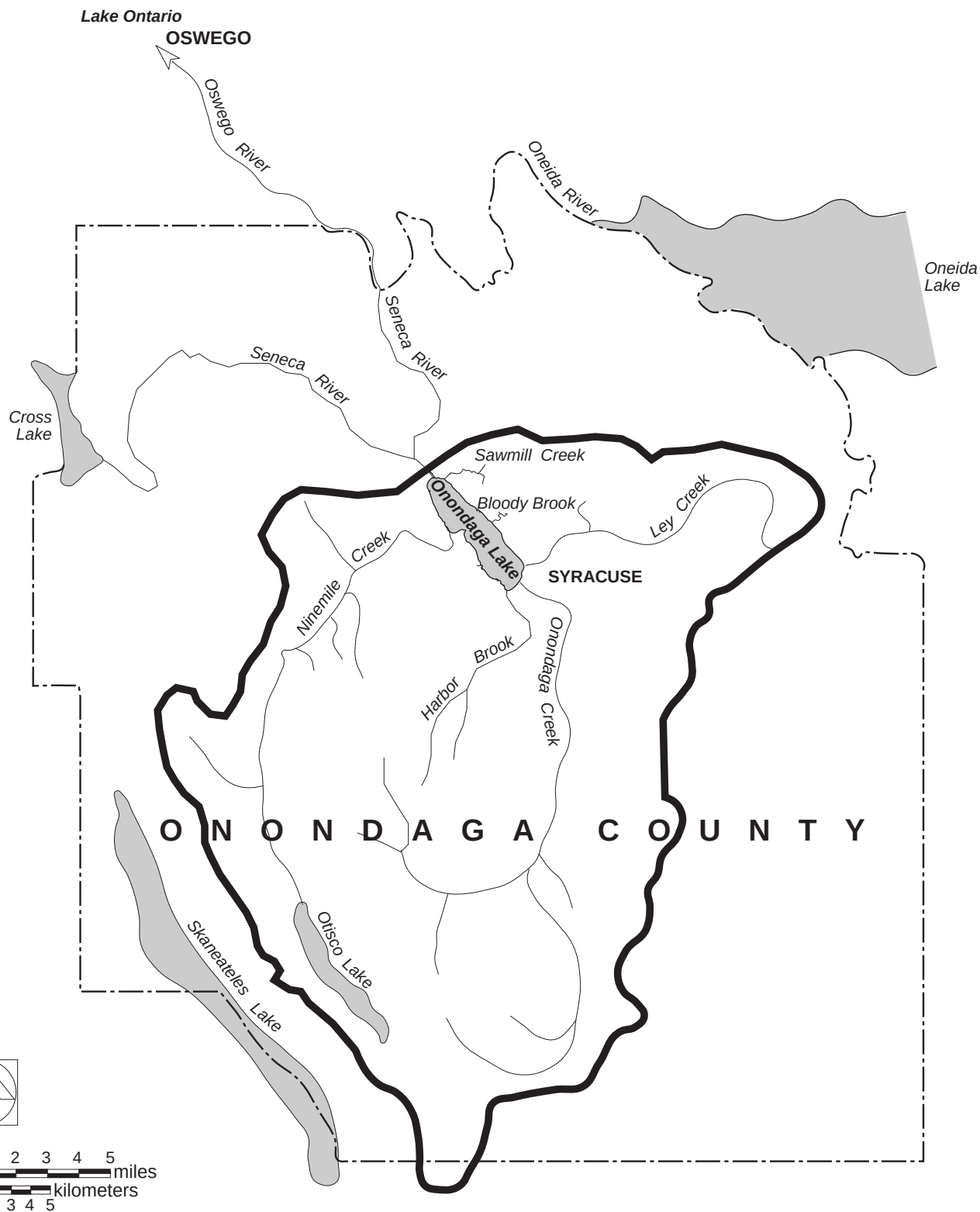
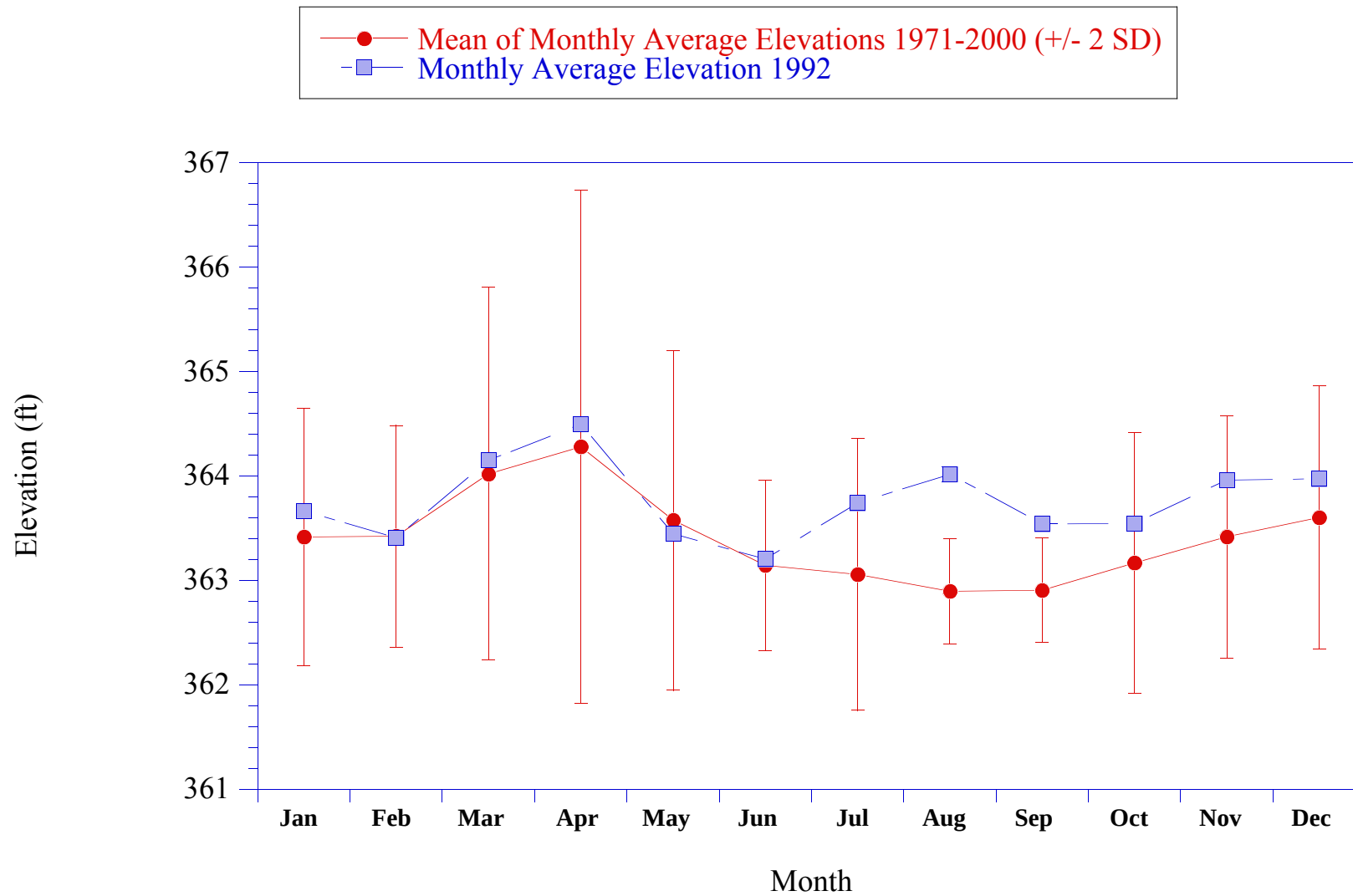
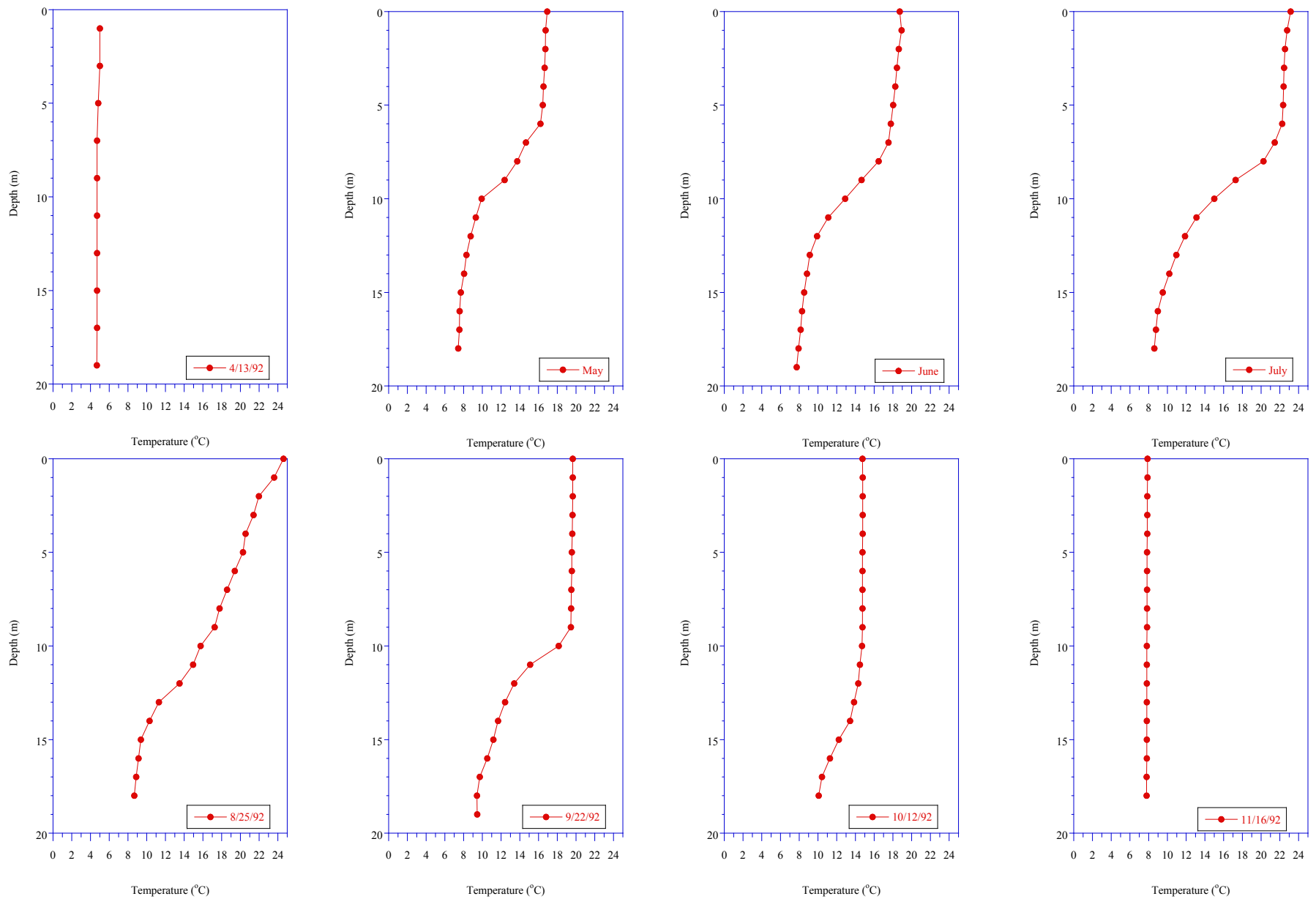


Figure 3-5. Onondaga Lake drainage basin



Reference: USGS, 2001

Figure 3-6
Monthly Average Elevations of Onondaga Lake



Note: The profiles shown for May, June and July are the averages for two readings within the month, therefore, specific dates are not shown.

Figure 3-7
Monthly Temperature Profiles in South Basin 1992

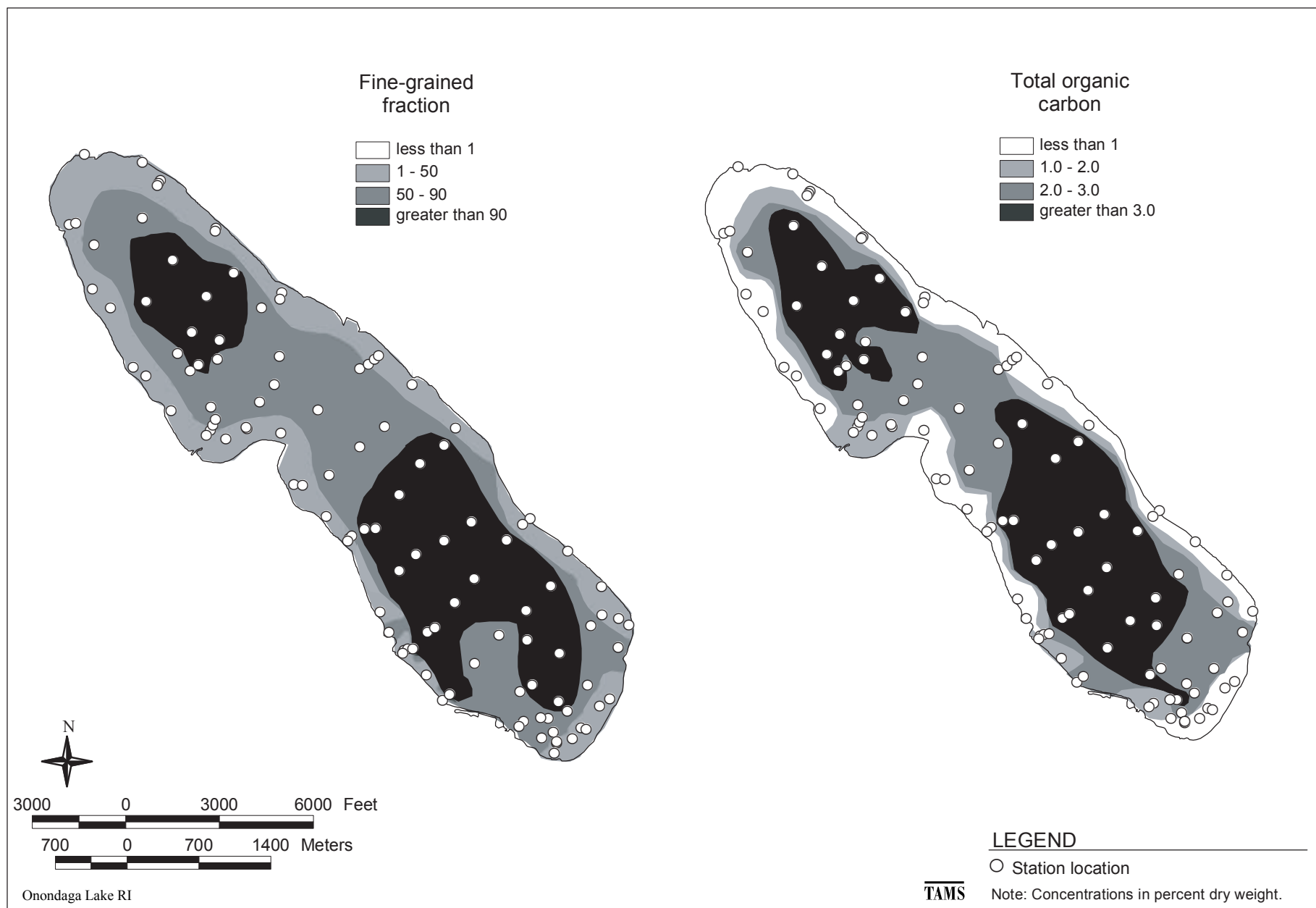
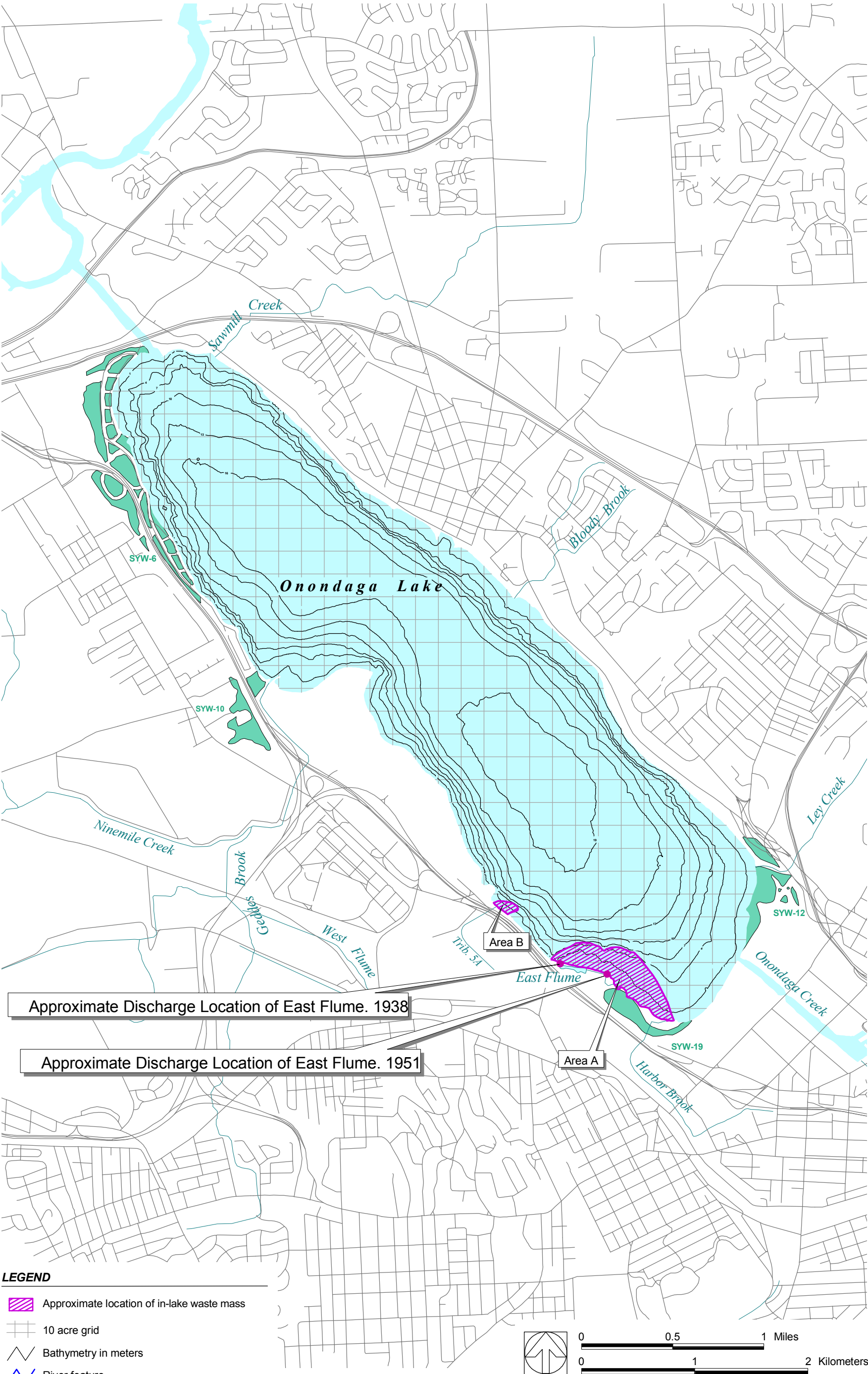


Figure 3-8. Fine-Grained Fraction and Total Organic Carbon Content of Surficial Sediments of Onondaga Lake in 1992

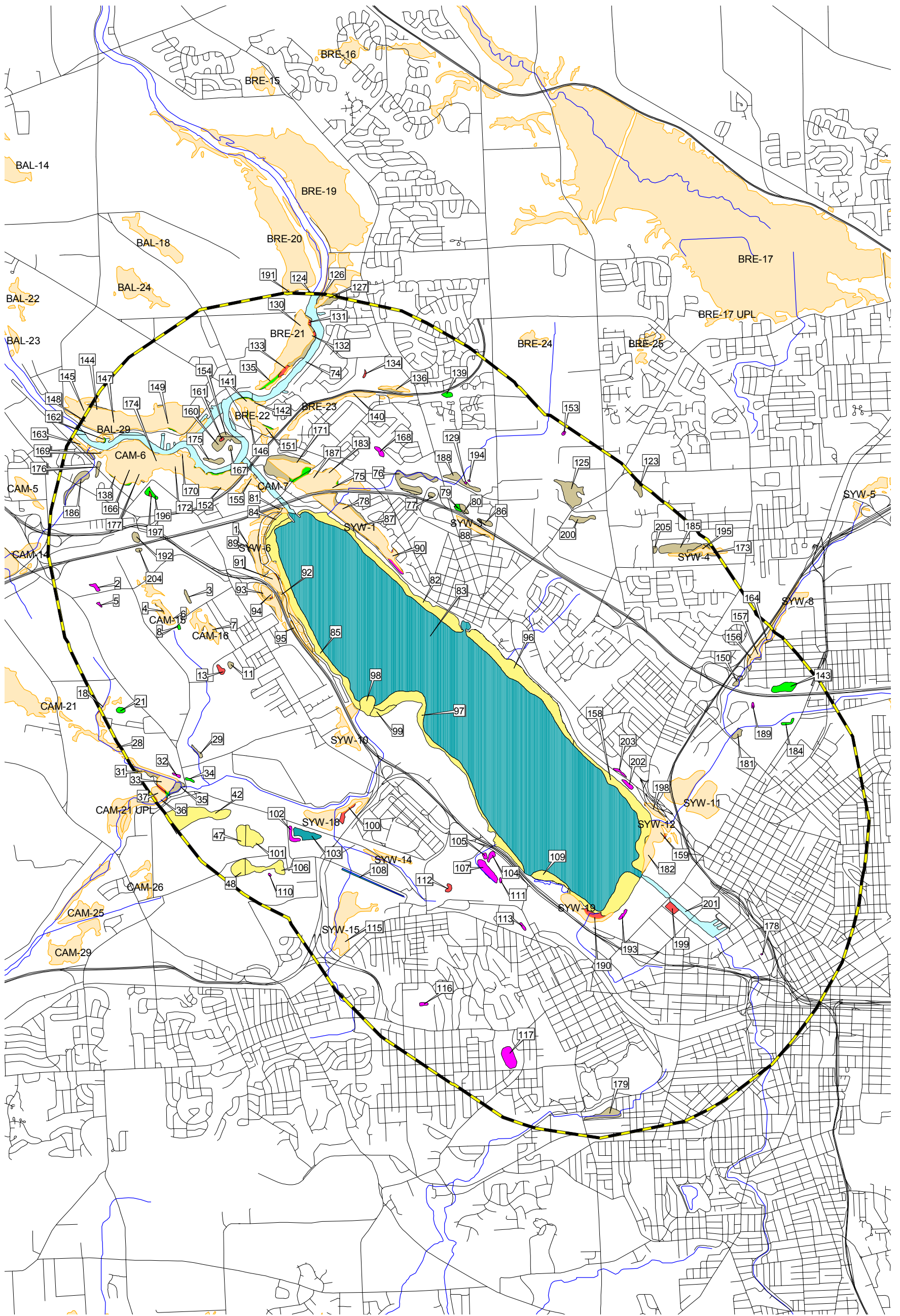


LEGEND

- Approximate location of in-lake waste mass
- 10 acre grid
- Bathymetry in meters
- River feature
- Road
- Selected NYSDEC wetland

Source: Basemap from NYSDOT (no date), Modified from Exponent, 2001c.

Figure 3-9. Approximate Location of In-lake Waste Mass and Approximate Historic Locations of East Flume

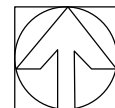


LEGEND

NW1 wetlands attributes

L1	Lacustrine (limnetic)
L2	Lacustrine (littoral)
PEM	Palustrine (emergent)
PFO	Palustrine (forested)
PSS	Palustrine (scrub-shrub)
PUB	Palustrine (unconsolidated bottom)
R2	Riverine (low perennial)

	NYSDEC wetlands
	Two-mile (3.2-km) extent around Onondaga Lake study area
	Sequential number corresponding to BERA Table 3-3
	NYSDEC wetland identification code

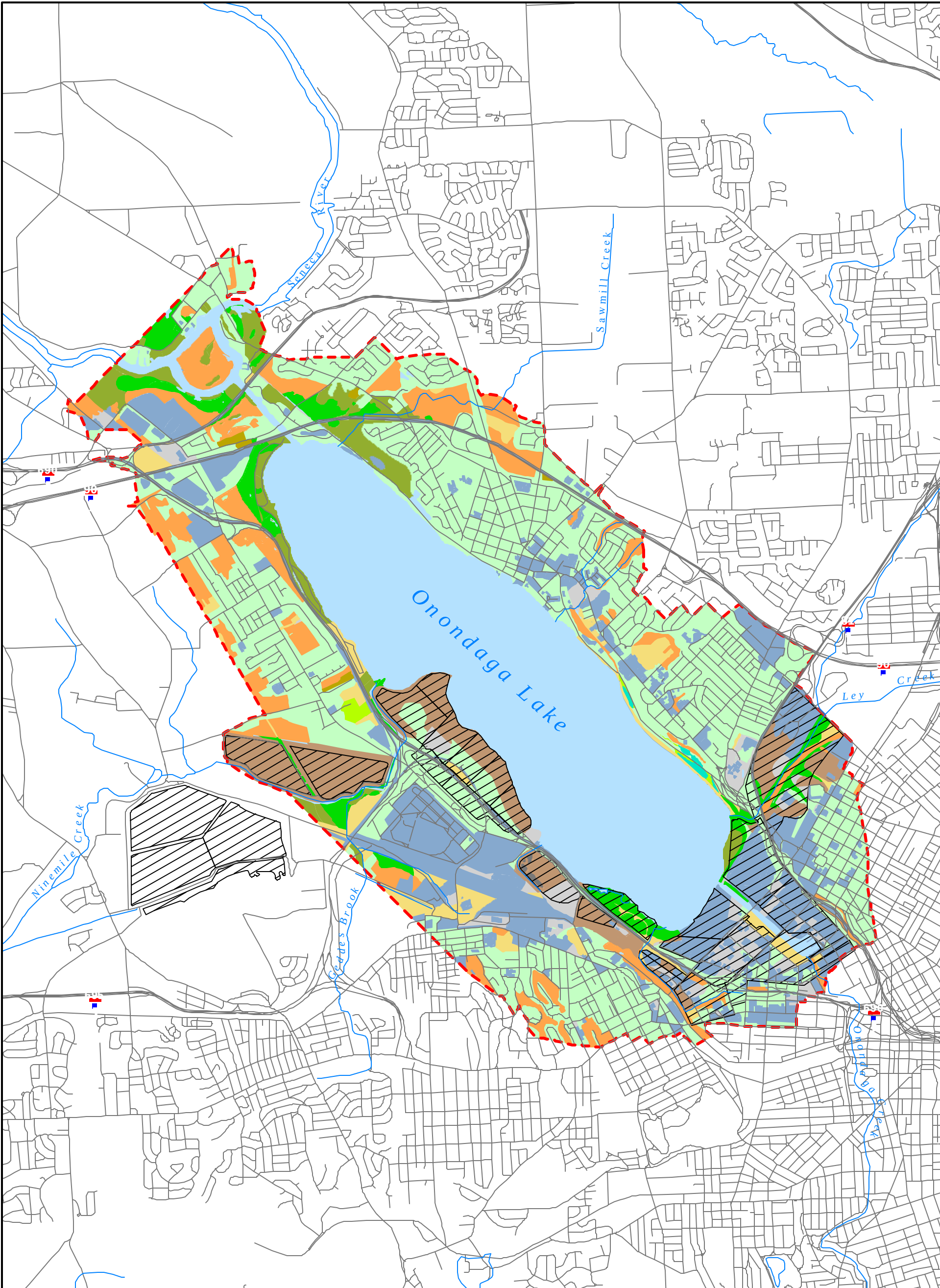


0 3000 6000 Feet

0 1000 2000 Meters

Source: Base map from NYSDOT (no date)
Exponent, 2001c.

Figure 3-10. Wetlands Surrounding Onondaga Lake Study Area



Legend

- | | |
|--|--|
|  Agriculture |  Successional Habitat |
|  Emergent Marsh |  Successional Northern Hardwood |
|  Floodplain Forest |  Semet Residue Ponds |
|  Inland Salt Marsh |  Unpaved Roadside/Vacant Lot |
|  Inland Salt Pond |  Wastebed Undeveloped |
|  Mowed Lawn/Structure |  Solvay Wastebed |
|  Open Water |  Study Area |
|  Paved/Structure |  River/Stream |



0 2000 4000 6000 Feet
0 1000 2000 Meters

Figure 3-11. Covertypes within 0.5 miles (0.8 km) of the Onondaga Lake Study Area

Source: Base map from NYSDOT (no date). Covertypes near lake shore confirmed by NYSDEC, 2001. Modified from Exponent, 2001b.