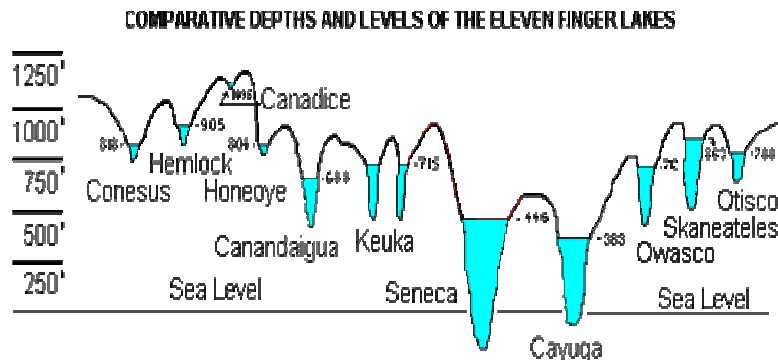


Honeoye Lake Watershed Management Plan

Final Report – October 2007

Map 10: Honeoye Lake Statistics

| | | | |
|---------------------------|---|-----------------------------|-------------|
| Maximum length | 4.1 miles | 6.6 km | |
| Maximum width | 0.88 miles | 1.42 km. | |
| Mean width | 0.67 miles | 1.08 km. | |
| Shoreline length | 10.6 miles | 17.06 km. | |
| Surface area | 2.82 sq. mi. | 7.32 sq. km. | 1,805 acres |
| Maximum depth | 30.4 ft | 9.3 meters | |
| Mean depth | 16.1 ft. | 4.9 meters | |
| Volume | 9.2 billion gal. | 34.8 million m ³ | |
| Hydraulic retention time | 292-352 days | | |
| Lowest level (1985) | 802.20 ft. | 244.51 m. | 1971-2006 |
| Mean annual minimum level | 802.81 ft. | 244.70 m. | 1971-2006 |
| Mean level | 803.45 ft. | 244.89 m. | 1971-2006 |
| Mean annual maximum level | 804.68 ft. | 245.27 m. | 1971-2006 |
| Highest level (1972) | 806.49 ft. | 245.82 m. | 1971-2006 |
| Major Tributaries | Honeoye Inlet Briggs Gully Bray Gully Affolter Creek | | |



Honeoye Lake Depth Contours

| Depth | Lake Area inside depth contour (acres) |
|-------|--|
| 0 | 1805 |
| 5 | 1338 |
| 10 | 1245 |
| 15 | 1095 |
| 20 | 870 |
| 25 | 474 |
| 30 | 11 |

| Finger Lake | Max Depth (m) | Area (km ²) | Volume (10 ⁶ m ³) |
|-------------|---------------|-------------------------|--|
| Conesus | 18.0 | 13.7 | 156.8 |
| Hemlock | 27.5 | 7.2 | 105.9 |
| Canadice | 25.4 | 2.6 | 42.6 |
| Honeoye | 9.2 | 7.3 | 34.8 |
| Canandaigua | 83.5 | 42.3 | 1,640.1 |
| Keuka | 55.8 | 47.0 | 1,433.7 |
| Seneca | 198.4 | 175.4 | 15,539.5 |
| Cayuga | 132.6 | 172.1 | 9,379.4 |
| Owasco | 54.0 | 26.7 | 780.7 |
| Skaneateles | 90.5 | 35.9 | 1,562.8 |
| Otisco | 20.1 | 7.6 | 77.8 |

Deepest Location

Latitude: N42.75107 degrees

Longitude W77.50753 degrees