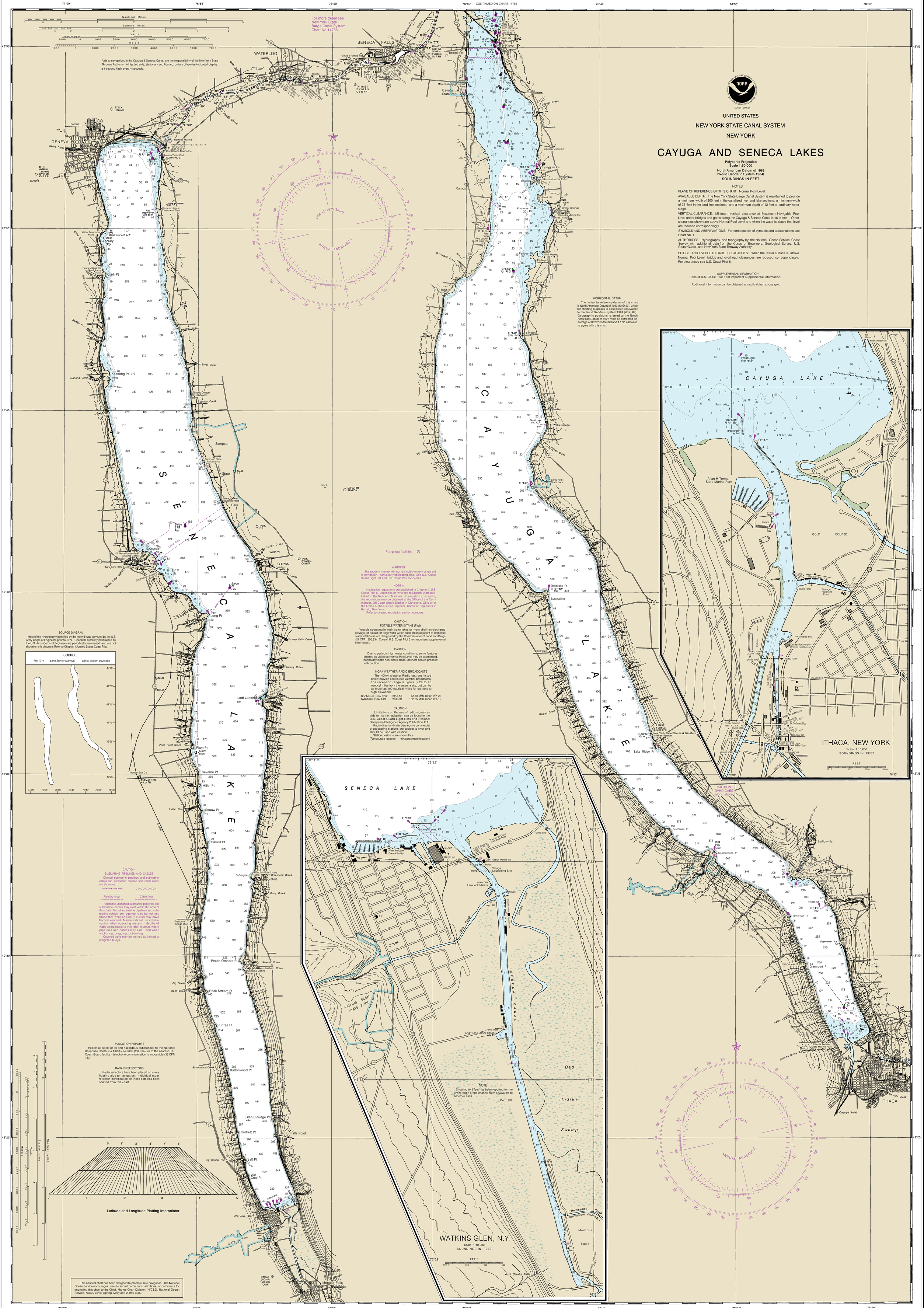
UNITED STATES
NEW YORK STATE CANAL SYSTEM
NEW YORK
CAYUGA AND SENECA LAKES
Polyconic Projection
Scale 1:60,000
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FEET
NOTES
PLANE OF REFERENCE OF THIS CHART. Normal Pool Level.
AVAILABLE DEPTH. The New York State Barge Canal System is maintained to provide a minimum width of 200 feet in the canalized river and lake sections, a minimum width of 75 feet in the land line sections, and a minimum depth of 12 feet at ordinary water stage.
VERTICAL CLEARANCE. Minimum vertical clearance at Maximum Navigable Pool Level under bridges and gates along the Cayuga & Seneca Canal is 15 ½ feet. Other clearances shown are above Normal Pool Level and when the water is above that level are reduced correspondingly.
SYMBOLS AND ABBREVIATIONS. For complete list of symbols and abbreviations see Chart No. 1.
AUTHORITIES. Hydrography and topography by the National Ocean Service, Coast Survey with additional data from the Corps of Engineers, Geological Survey, U.S. Coast Guard, and New York State Thruway Authority.
BRIDGE AND OVERHEAD CABLE CLEARANCES. When the water surface is above Normal Pool Level, bridge and overhead clearances are reduced correspondingly. For clearances see U.S. Coast Pilot 6.
SUPPLEMENTAL INFORMATION
Consult U.S. Coast Pilot 6 for important supplemental information.
Additional information can be obtained at nauticalcharts.noaa.gov.
HORIZONTAL DATUM
The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 0.252" northward and 1.172" eastward to agree with this chart.
CONTINUED ON CHART 14786
For more detail see New York State Barge Canal System Chart No 14786.
Aids to navigation, in the Cayuga & Seneca Canal, are the responsibility of the New York State Thruway Authority. All lighted aids, stationary and floating, unless otherwise indicated display a 1 second flash every 4 seconds.
SENECA LAKE
CAYUGA LAKE
ITHACA, NEW YORK
Scale 1:10,000
SOUNDINGS IN FEET
WATKINS GLEN, N.Y.
Scale 1:10,000
SOUNDINGS IN FEET
SOURCE DIAGRAM
Most of the hydrography identified by the letter 'T' was surveyed by the U.S. Army Corps of Engineers prior to 1974. Channels currently maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.
SOURCE
Pre-1974 Lake Survey Surveys partial bottom coverage
Pump-out facilities
WARNING
The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.
NOTE A
Navigation regulations are published in Chapter 2, U.S. Coast Pilot 6. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 9th Coast Guard District in Cleveland, Ohio or at the Office of the District Engineer, Corps of Engineers in Buffalo, New York.
Refer to charted regulation section numbers.
CAUTION
POTABLE WATER INTAKE (PWI)
Vessels operating in fresh water lakes or rivers shall not discharge sewage, or ballast, or bilge water within such areas adjacent to domestic water intakes as are designated by the Commissioner of Food and Drugs (21 CFR 1250.93). Consult U.S. Coast Pilot 6 for important supplemental information.
CAUTION
Due to periodic high water conditions, some features charted as visible at Normal Pool Level may be submerged, particularly in the near shore areas. Mariners should proceed with caution.
NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.
Rochester, New York KHA-53 162.40 MHz (chan WX-2)
Syracuse, New York WHL-31 162.55 MHz (chan WX-1)
CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Geospatial-Intelligence Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(Accurate location) o(Approximate location)
CAUTION
SUBMARINE PIPELINES AND CABLES
Charted submarine pipelines and submarine cables and submarine pipeline and cable areas are shown as:
Pipeline Area
Cable Area
Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.
Covered wells may be marked by lighted or unlighted buoys.
POLLUTION REPORTS
Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).
RADAR REFLECTORS
Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.
Latitude and Longitude Plotting Interpolator
This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS2), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.
CAUTION
OVHD CABS along shore
NOTE
Shoaling to 3 feet has been reported for the entire width of the channel from Eryays Inc to Montour Falls
Dec 1988