

Mashpee and Wakeby Ponds lie in Mashpee and Sandwich. They are groundwater fed kettle-hole pond with no inlet streams and depths that reach 85 feet. When viewed combined. They constitute the largest freshwater pond on Cape Cod measuring 729 acres.

Boating access to the pond is via a Commonwealth of Massachusetts concrete launching ramp and a paved parking area located off route 130 in Mashpee. The pond experiences heavy utilization for both primary and secondary contact recreation. Attaquin Beach experienced a one day closure in June for bacterial counts above limit.

Trout are stocked by the Division of Fisheries Wildlife and Environmental Law enforcement attracting enthusiasts for that species while Bass fishing attracts not only the individual fisherman but tournaments by organized groups, also.

The Towns of Mashpee and Sandwich as well as a private homeowners association maintain swimming beaches providing for significant primary contact activities. The pond is also the site of a youth summer camp.

Shoreline development on Mashpee Pond is primarily residential although the Lowell Holly Reservation lands occupy the northern shore.

In addition to the pond's freshwater recreational fishery, there is an anadromous fish run that enters and leaves via the pond's sole outlet stream, the Mashpee River, which flows south to Popponeset Bay.

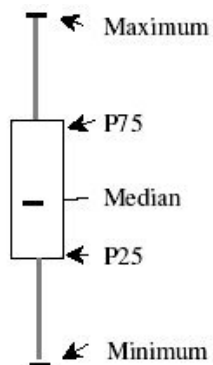
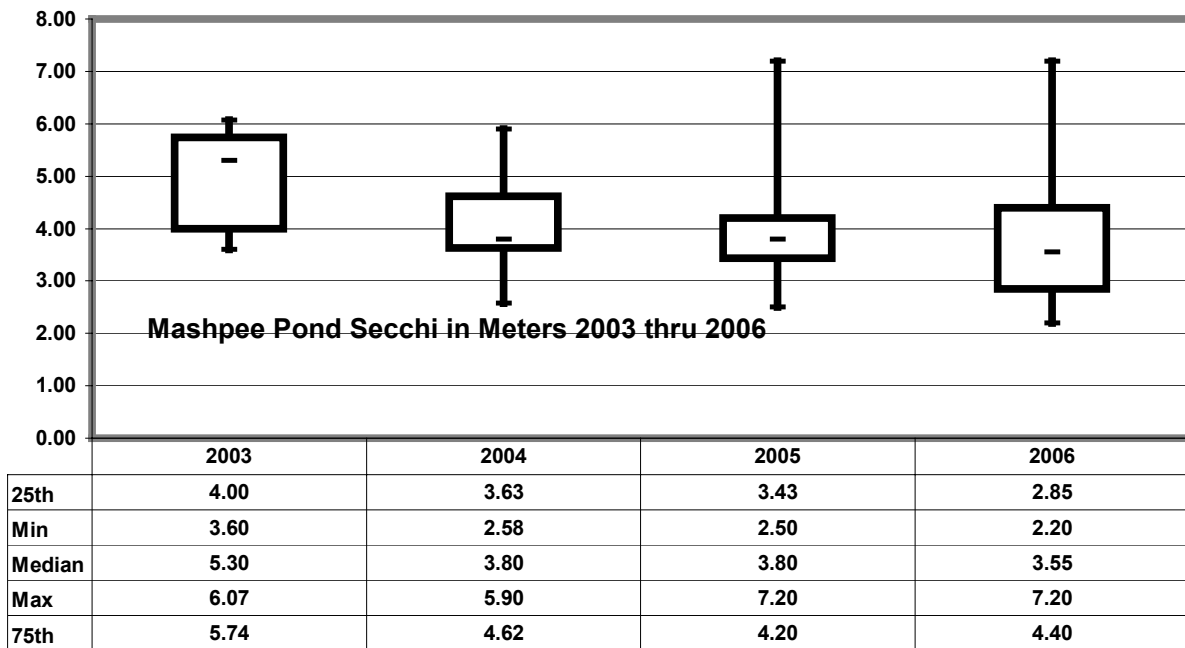
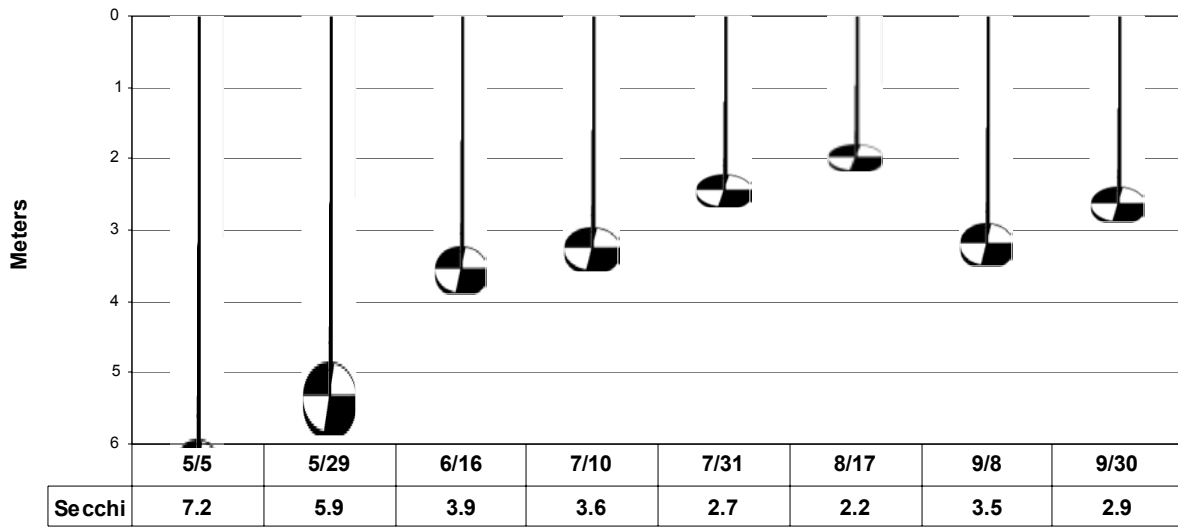
The Mashpee-Wakeby Lake Management Committee is dedicated to protecting the environment in and around the lake area and ensuring that boating safety regulations are enforced on the lake. The committee meets on the fourth Tuesday of each month at Mashpee Town Hall, 7:30 P.M. The public is encouraged to attend.

Shoreline erosion problems have persisted for years, partially as a result of attempts to keep a high winter water level as an insurance policy to protect the spring anadromous fish run against severe drought conditions. The pond would benefit greatly from a more scientific approach to controlling water levels. The build-up of the water level prior to the 2005 summer season coupled with rain events, once again, resulted in water entry into some shoreline structures and outflows that ran across the Attaquin Park beach as well as the normal outlet.

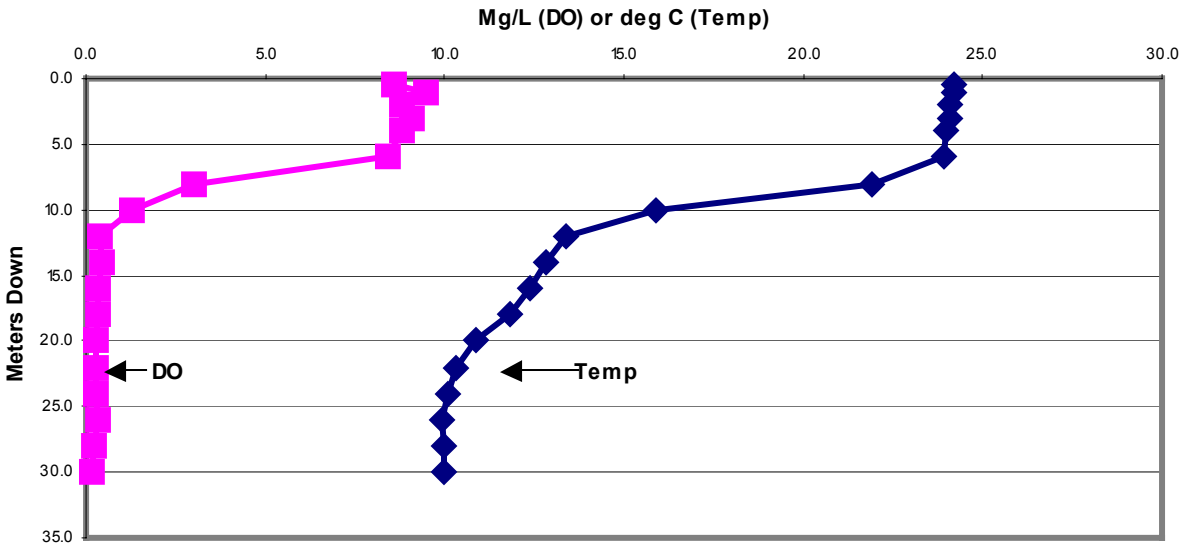
Annual Snapshot data since 2003 identifies a potential downward trend in the pond's transparency. The transparency drop may be related to shoreline erosion exacerbated by wind and boat wakes during the persistent high water conditions. Note the median value in the 2003/2006 Secchi Trend Chart.

Mashpee Pond is classified as mesotrophic.

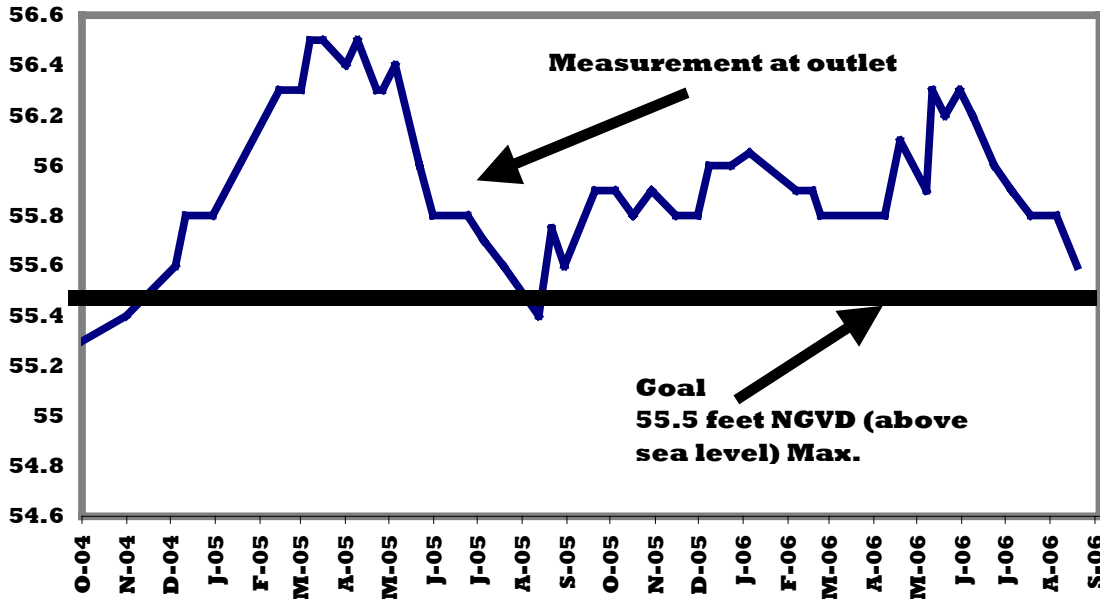
Mashpee Secchi Depth 2006



Mashpee DO/Temp Profile 8/17/06



Pond Surface Height in Feet Measured at Outlet



Snapshot analyses

ug/L	2002	2003	2004	2005
Phosphorus	35.93	9.29	8.98	9.27
Chlorophyll a	5.22	3.75	5.01	5.43

Mashpee/Wakeby Pond Watershed with Parcels



Source: Mashpee Parcels, FY 2004 Assessors Data;
Sandwich Parcels from Cape Cod Commission;
Watersheds from Cape Cod Commission, 2004