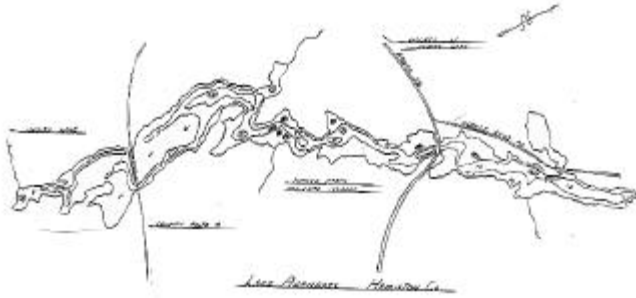


# Lake Abanakee



## Location

Pond Number: 1104-0027  
 Watershed: Upper Hudson River  
 County: Hamilton  
 Topographic Quadrangle: Blue Mountain

## Sample Site

Latitude: 43° 46.340'  
 Longitude: 74° 15.007'

## Morphometry

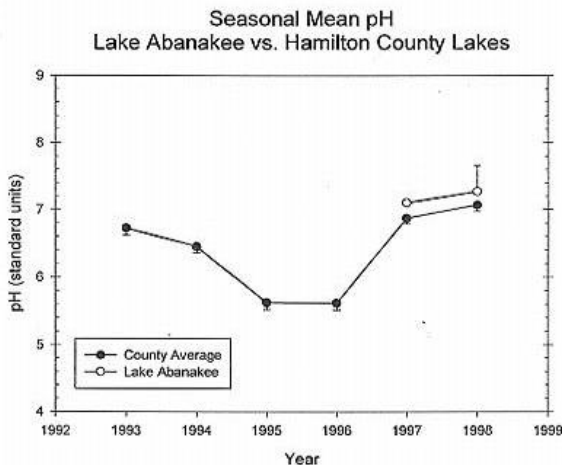
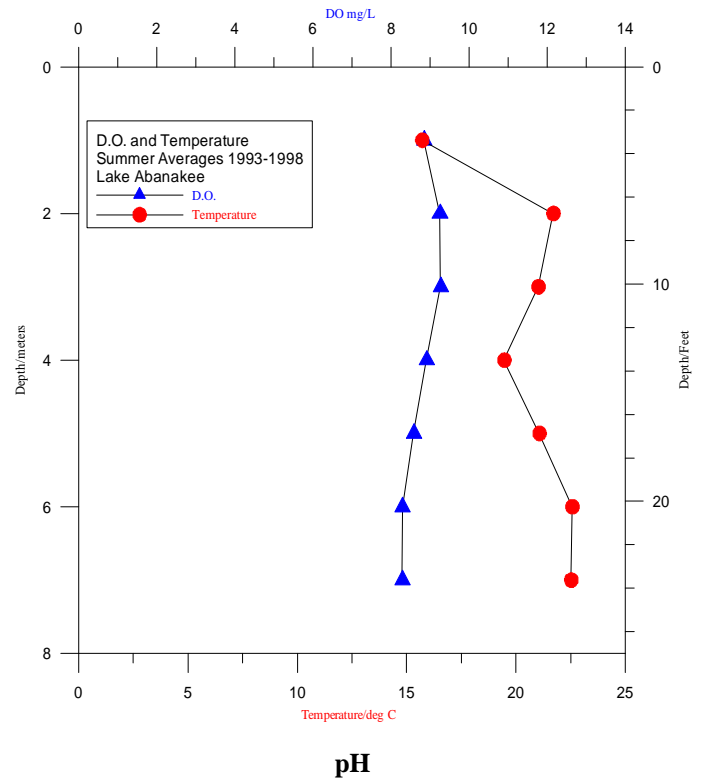
Surface Area: 1017 Ac.  
 Mean Depth: 12.3 Ft.  
 Maximum Depth: 26.6 Ft.  
 Volume: 147596 Ac/F  
 Watershed Area: 20197 Ac.  
 Hydraulic Retention Time: .12 Yr.  
 Shoreline Length: 16.9 Mi.  
 Elevation: 1598 Ft.  
 Water Quality Classification: B  
 Trophic State: Mesotrophic

## Temperature

Temperature was only measured in Lake Abanakee during 1998. Lake Abanakee was not thermally stratified during the month of August in 1998. In August 1998, the surface temperature was 23.5° C.

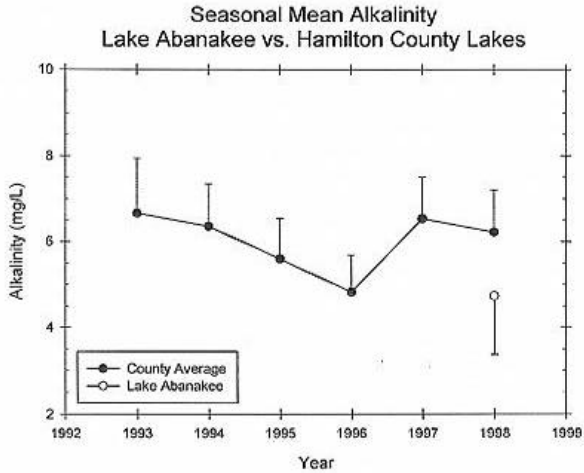
## Dissolved Oxygen

Dissolved oxygen was only measured in Lake Abanakee during 1998. The dissolved oxygen concentrations were above 8 mg/L throughout the water column in August 1998.



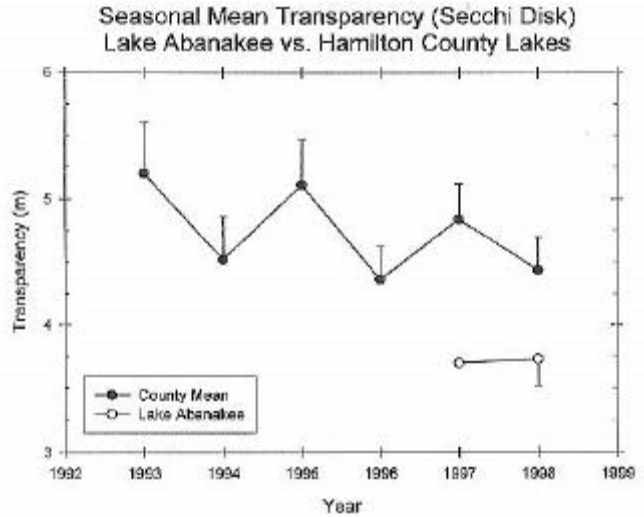
The pH trend for Lake Abanakee could not be determined since the lake was only sampled for two years, 1997 and 1998. Overall the mean pH values were slightly higher (less acidic) than the county mean values

# Lake Abanakee



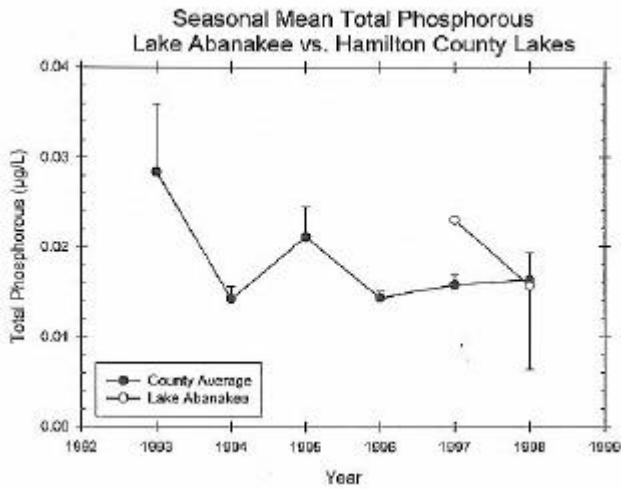
## Alkalinity

The alkalinity trend in Lake Abanakee could not be determined since this parameter was only analyzed in one year, 1998. The mean alkalinity value in 1998 was lower than the county mean value for that year.



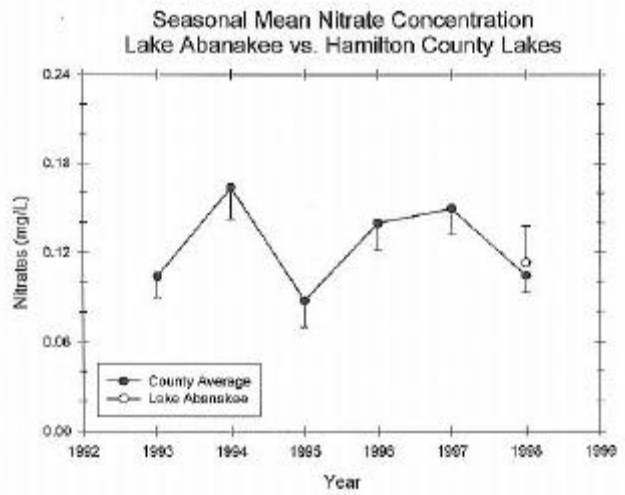
## Transparency

The transparency trend in Lake Abanakee could not be determined since the lake was only sampled for two years, 1997 and 1998. Overall, the mean transparency values were lower than the county mean values.



## Total Phosphorus

The total phosphorus trend in Lake Abanakee could not be determined since the lake was only sampled for two years, 1997 and 1998. The mean total phosphorus value was higher than the county mean value in 1997 and equal to the county mean in 1998.



## Nitrate

The nitrate concentration trend in Lake Abanakee could not be determined since this parameter was only analyzed during one year, 1998. That year's concentration was similar to the county mean value.