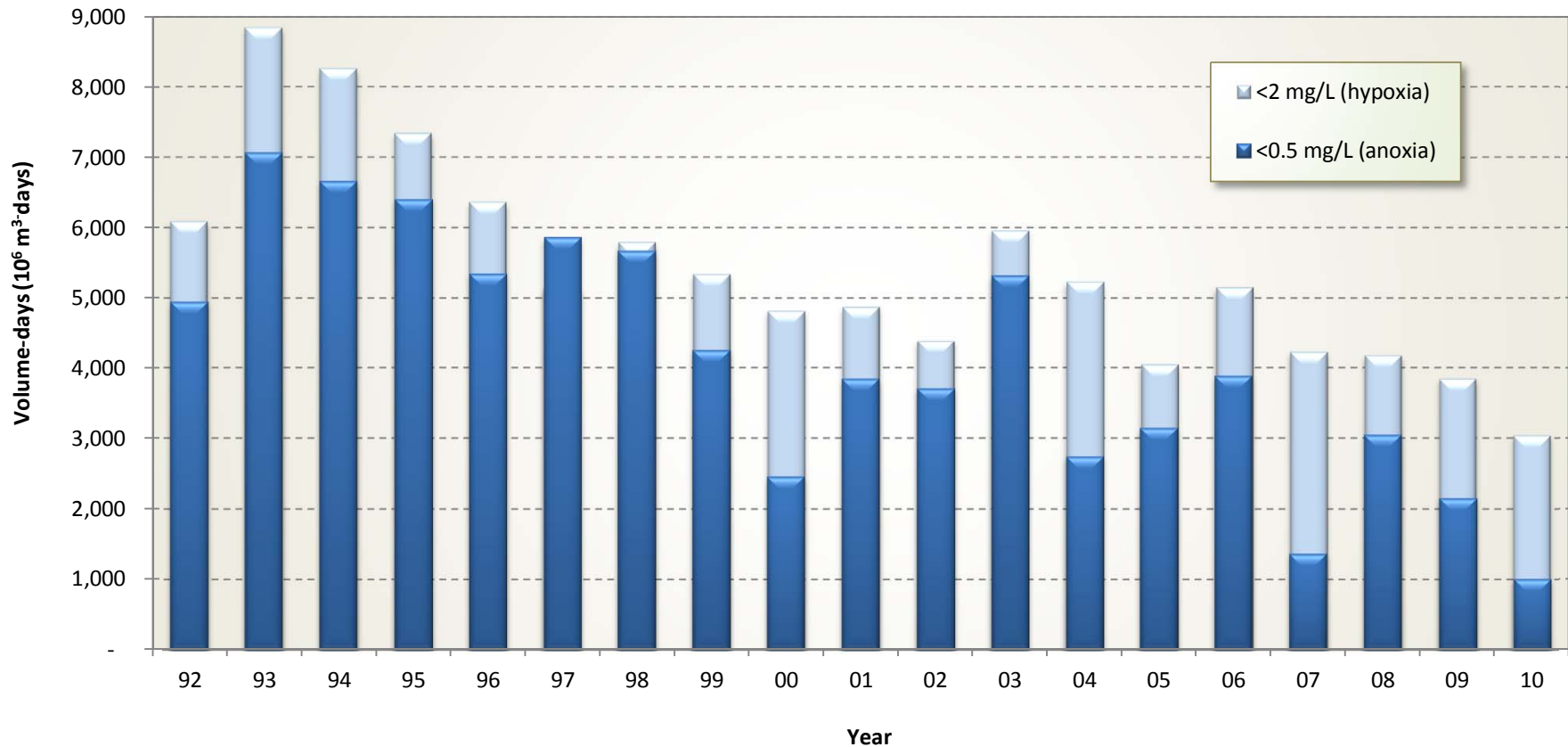


Library Reference 7.15



Volume-days of anoxia (dissolved oxygen less than 0.5 mg/l) and hypoxia (dissolved oxygen less than 2 mg/l) in Onondaga Lake at South Deep Station over time (1992-2010) from available data collected from January to December each year. One measure of the lake’s dissolved oxygen status is in terms of “volume-days”, in which both the affected volume of water and the duration (days) of anoxia and hypoxia are calculated in a single measurement that can be tracked from year to year. The calculation is based on field profile dissolved oxygen readings taken at half-meter intervals down to about 20 meters depth.