



Figure 5b. SeaWiFS-derived annual mean chlorophyll concentration in Massachusetts Bay.

MWRA chlorophyll data are used to calibrate satellite images. Annual and seasonal chlorophyll maps derived from the SeaWiFS ocean color sensor were used to study the temporal (Figure 5a) and spatial (Figure 5b) variability of chlorophyll concentrations over a five-year period from fall 1997 to fall 2002. Data show large inter-annual variability in chlorophyll concentrations but no indication of increases specifically tied to outfall effects.