



Figure 7. T-S plot for all of the TUVtransects for Cruise 5, August 19-21, 2001. Each color indicates a different tow. The black lines indicate the lower salinity boundary of the ambient T-S measured upcurrent from the OCSD outfall. In this case, upcurrent was upcoast from the outfall. The equations describe the lines in T-S space and are used to calculate the salinity anomaly. Values to the left of the ambient T-S lines are assumed to result from freshwater inputs. In this example, anomalously low salinities below 14.5°C are due to the effluent plume and above 17°C result from the influence of surface runoff into the coastal ocean.