



Figure 10-3. A section of the salinity anomaly from Survey 2 (June 19-21, 2001). In this example the effluent plume indicated by the salinity anomaly can be seen advecting down-coast (toward the right) and stays away from the coastal boundary. In tow 21, that coincides with Newport Canyon, the plume is located at the offshore end of the transect and shows no evidence close to shore within the canyon. This was true for all the surveys during the second cruise. A low-salinity anomaly occurs near to shore at the surface that can be seen in all of the transects. This is the signature of the Los Angeles/San Gabriel River plume that extends downcoast from Los Angeles/Long Beach Harbor.