



Figure 47. Diel vs. tidal force influence on turbidity, NERR SWMP 1999-2000.

Similar to pH, turbidity data sets spanned a shorter time frame (1999-2000) and were less uniform than data sets for depth, DO, and temperature variables. Four sites are excluded due to lack of data. Figure 47 suggests that there are more tidally dominated sites than diel-dominated ones, but there are a number of sites in both categories. The sites which seem most extremely diel-dominated for turbidity include the Padilla Bay sites as well as the Tijuana River – Tidal Linkage, Weeks Bay – Fish River, Elkhorn Slough – Azevedo Pond, Apalachicola Bay – East Bay Bottom, and Narragansett Bay – Potters Cove sites. Sites which seem most extremely tidally-dominated for turbidity are Great Bay – Squamscott River, South Slough - Winchester Arm, North Inlet – Oyster Landing, and a host of others.