

US EPA ARCHIVE DOCUMENT

Daily Report: Tracking the Plume of Dispersed Oil using Particle Size Distribution Measurements and Fluorescence Intensity Ratios

August 07, 2010

Water samples were collected at one station near shore for particle size distribution measurements using the LISST-100X particle counter. A total of 22 duplicate LISST samples were analyzed.

Station	Latitude	Longitude
BM168	28.708863	-89.015957

Small particle concentrations were <0.3 $\mu\text{L/L}$ at all depths with the exception of the 2 m surface sample (1.385 - 1.518 $\mu\text{L/L}$).

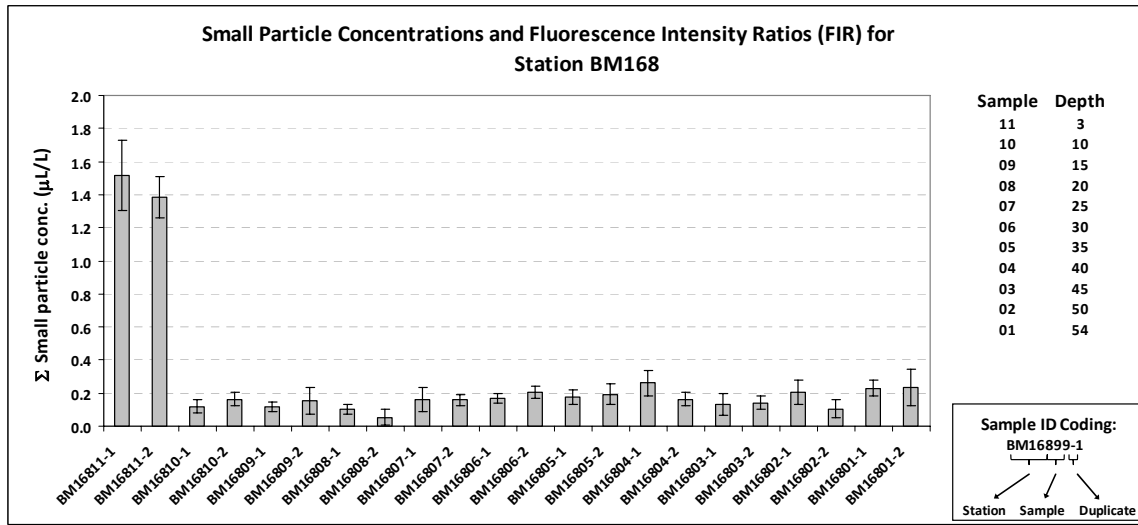


Figure 1: Average small particle concentrations as a function of depth for station BM168.