

Salinity Data

The ancillary SALINITY files contain several different types of salinity data collected along transects B, C, and D between 1993 and 2000. The PZSALINITY files record the history of salinity readings taken from piezometers along each transect and contain incomplete data on watercolor as percent transmission relative to distilled water. These data are presented in the following format: date (m/dd/yyyy), hours since the beginning of 1994, station location (in feet from northwest end of transect, nominal (rather than actual) depth of piezometer, salinity in grams per liter, and watercolor in percent transmission relative to distilled water at wavelength of 660 nm. Negative values for the “hours since the beginning of 1994” parameter indicate that the data were collected prior to the actual 1994 start date of the study. For additional methodology information, see section 2.5.1.3 of the Metadata document.

The PROBE file contains the history of salinity readings obtained from shallow pore water equilibrators deployed during 1994 and 1995 along some of the marsh stations on transect D. The PROBE data is recorded in the following format: station location (in feet from the northwest end of the transect), depth below ground surface of the probe ports (in inches), period of measurement 1 (in hours from the beginning of 1994), salinity 1 (in parts per thousand for period 1), period 2, salinity 2, etc. Note that for period 4 there is the potential for two salinity readings to be taken (salinity 4A or the replicate salinity 4B). For additional methodology information, see section 2.5.1.3 of the Metadata document.