

MISSING DATA

This section identifies data that are missing from the. Wherever possible, missing data are correlated with information from relevant documentation that may help to explain their absence. Please see the Anomalous Data document for a complete list of all erroneous and questionable data. The following information is organized by parameter group in chronological order.

Field Parameters

07/27/1999 – 09/24/1999, CISNet #s 1-3, all samples: the Hydrolab was not used to collect salinity, pH, conductivity, and dissolved oxygen data in 1999. Only temperature (hand-held thermometer) and salinity (refractometer) were recorded for these samples.

09/24/1999, CISNet #3, ni5: no field data were collected, the sample site could not be accessed due to complications from Hurricane Floyd.

05/15/2000 and 5/16/2000, CISNet #6, all ni and ace2-5 samples: there are no dissolved oxygen data for these samples. The CISNet Technician noted that the Hydrolab Dissolved Oxygen probe was malfunctioning, and did not collect these data.

06/13/2000 and 6/14/2000, CISNet #7, all ace and ni samples: there are no dissolved oxygen data for these samples. The CISNet Technician noted that the Hydrolab Dissolved Oxygen probe could not be calibrated properly.

06/14/2000, CISNet #7, all ni samples: there are no Hydrolab salinity and conductivity data for these samples. The CISNet Technician noted that the Hydrolab was malfunctioning. A handheld thermometer and pH meter were used to collect temperature and pH data.

08/15/2000, CISNet #9, ni3: there is no time available for this sample.

09/12/2000, CISNet #10, ni3: there is no time available for this sample.

03/26/2001 – 09/18/2001, CISNet #12-15, all samples: there are no Hydrolab salinity or conductivity data for these samples.

03/27/2001, CISNet #12, all ni samples: there are no times available for these samples.

05/21/2001, CISNET #13, ace2 and ace5 samples: there are no dissolved oxygen (percent saturation) values for these samples. The CISNet Technician noted that the Oxygen sensor was not working properly.

05/22/2001, CISNet #13, all ni samples: there are no times available for these samples.

09/17/2001, CISNet #15, all ace samples: there are no pH data available for these samples. The CISNet Technician noted that the pH meter was not responding.

09/18/2001, CISNet #15, ni4 samples: there is no time available for this sample.

Nutrients

09/24/1999, CISNet #3, ni1: silicon, total nitrogen, and total dissolved nitrogen data are not available for this sample. On the raw handwritten data sheets, the CISNet Technician noted “over” under the concentrations for all three.

09/24/1999, CISNet #3, ni5: sample was not collected, the sample site could not be accessed due to complications from Hurricane Floyd.

04/18/2000, CISNet #5, ni3-5: total nitrogen and total phosphorus data are unavailable for this sample, they were apparently never processed.

07/17/2000 and 07/18/2000, CISNet #8, all ace and ni samples: there are no dissolved organic carbon data available for these samples. They were apparently never analyzed.

07/17/2000 – 08/15/2000, CISNet #s 8 and 9, all ace and ni samples: there are no silicate data for these samples. They were apparently never analyzed.

08/15/2000, CISNet #9, ni1: total nitrogen and total dissolved nitrogen data are unavailable for this sample. On the raw handwritten data sheets, the CISNet Technician noted “over” under the concentrations.

09/11/2000 and 09/12/2000, CISNet #10, ni1-3 and ace 1-5: total nitrogen and total phosphorus data are unavailable for these samples. They were apparently never analyzed.

10/16/2000 and 10/17/2000, CISNet #11, all samples: total nitrogen and total phosphorus data are unavailable for these samples. They were apparently never analyzed.

09/17/2001 and 09/18/2001, CISNet #15, all samples: there are no total nitrogen or total phosphorus data available for these samples, they were apparently never analyzed or were lost.

Chlorophyll

09/24/1999, CISNet #3, ni5: sample was not collected, the sample site could not be accessed due to complications from Hurricane Floyd.

Suspended Solids

09/24/1999, CISNet #3, ni5: sample was not collected, the sample site could not be accessed due to complications from Hurricane Floyd.

Light Profile

09/23/1999 and 09/24/1999, CISNet #3, all samples: no light profile data were available for these samples.

04/17/2000, CISNet #5, all ace samples: There was no light meter available. The technician used the Hydrolab as a secchi disk and obtained the following depths.

- ace1: current too strong
- ace2: 0.8 meters
- ace3: 0.7 meters
- ace4: 0.7 meters
- ace5: 1.1 meters