

Subject: Re: NOAA DW validation report
From: Jim Brinkman <Jim.Brinkman@noaa.gov>
Date: 11/8/2011 10:30 AM
To: Julie Bosch <Julie.Bosch@noaa.gov>

Julie,

I made the corrections and ran the attached validation reports on both the published and scribed to versions. The results were the same. The exceptions and corrections are explained below.

L-Datum:

Comment: Four entries for NAD-27 need to be changed to the VV "NAD27. Please note if the other datum issues are exceptions.

Response: The four entries have been changed to NAD27. The 660 blank entries are exceptions because the datum was not documented in the daily deliverables and the datum cannot be verified.

S-matrix:

Comment: Sea Water is not a Valid value for Matrix. Should this be changed to the VV "Water?"

Response: All Sea Water matrices have been changed to Water.

S-SampleType:

Comment: Sample types listed for 3 samples are not Valid Values

Response: The blank and NA Sample Types have been corrected to field blank

Locs_Not_In_S_or_M:

Comment: Should these entries be noted as exceptions?

Response: Yes, most of these locations were added based on the CTD without entries from the daily deliverables. Therefore they do not have associated samples or monitoring results in NOAAADW.

S-Samp_Depth:

Comment: Many of these are noted in daily deliverables and in the spreadsheets where depths and positions were reconciled.

Response: After 95 values for Samp_Depth were added from reconciliation worksheets, 223 field samples still do not have sample depths. The SampDepth for these samples should be listed as exceptions. The 223 null Samp_Depths breakout as follows:

- 36 null values were on the UNOL Endeavor cruise and sample depths were not provided in the Daily Deliverables and no CTD data were available.
- 12 null values are blanks as indicated by "EB", "FB" or "NA" embedded in the Samp_No.
- 30 null values were on NRDA cruises. The sample remarks indicate that most of these were blanks rather than field samples.
- 139 samples were collected in May 2010 and definitive sample depths were not recorded.
- 6 were collected on the Ocean Veritas. Depth information is fuzzy for these samples.

L-Latitude and L-Longitude:

Comments: one latitude falls just out of range for the validation test. Two station positions are provided in the spreadsheet for the other issues. Two longitudes fall just out of range for the validation test. Two station positions are provided in the spreadsheet for the other issues.

Response: Locations T16-S08 and T16-S12 are actually JF-T16-S08 and JF-T16-S12 and already in the Location table. Locations T16-S08 and T16-S12 have been deleted and the Location for samples with Locations T16-S08 and T16-S12 have been changed JF-T16-S08 and JF-T16-S12.

The out of range latitude is from the Nancy Foster when it was down by Cuba which is outside of our bounding box. The out of range longitudes are from the Seward Johnson when it was on the east coast of Florida; again outside of our bounding box. T16-S08

Thanks for your help on the sample depths.
Jim

On 11/7/2011 1:30 PM, Julie Bosch wrote:

Jim,

Here is my input with the sample depths.

Some sample numbers were not an exact match because there was a -1 or -2 appended (first or second draw off the bottle. There were others that were close in the reconciled positions/depths workbook but I wasn't quite sure about the numbering. I checked these and others against Daily Deliverables and made notes on what I found.

Julie

On 11/7/2011 11:05 AM, Jim Brinkman wrote:

Hi Julie,

Here's a breakdown/explanation for samples without depths.

Of total of 27,945 samples:

629 do not have depth values

- 296 were QA or QC samples as indicated by SampleType
- 11 were field blanks as indicated by Samp_No
- 246 were collected in May 2010. I don't remember if we do not have good depth data for these are they still need to be matched to CTD data. What do you remember?
- 67 are UNOL on the Endeavor, Trustee NRDA or BP NRDA. I don't think we have depths from either the Daily Deliverable or CTD records.
- 9 from the Ocean Veritas in early July may need one more look.

The attached workbook contains the documentation.

Jim

On 11/7/2011 9:01 AM, Julie Bosch wrote:

Jim,

I'm going through the NOAA DW validation report.

I'm not sure why the Sample depths aren't filled in for many of these samples. I looked back at both the daily deliverables and the file (050611) where we were reconciling depths and many of these values are in those spreadsheets. Was there a reason that they aren't in the NOAA DW? Do you have these in the reconciled spreadsheet or do you need me to fill these in?

Julie

— Attachments: —

NOAA-08Nov11.xlsx

79.5 KB

Summary_Counts-08Nov11.xlsx

14.5 KB