Oceanographic Survey Data Quality Report
Glacier Bay National Park and Preserve

CTD #: __5__   **Data Dump #** ___0238___   **Starting Date:** ____October 7, 2014____   **Defective / Absent Sensors**

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump			☐	☐	☐	☐	☐	☑

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
10	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
11	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
12	8	Instrument turned On/Off on deck (temporary hydraulic winch failure).	☐	☐	☐	☐	☐	☑
13	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
14	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
15	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
16	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
17	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This Dump contains cast data collected from all core Stations (24, 01, 04, 07, 12, 13, 16, and 20) during the October survey.

Note that since the CTD was not initialized following the September survey, the cast numbers for the October survey are 09-17.

Cast #12 is BAD, representing an on/off of the instrument while on deck when the hydraulic winch temporarily failed.

Note the disqualification of the O2 data in all casts, due to failure of anode in O2 sensor during the August survey.

Data quality codes are:
    0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

Deliverable OC_M reporting sheet, revised 2/3/2010

Oceanographic Survey Data Quality Report
Glacier Bay National Park and Preserve

CTD #: __5__ **Data Dump #** ____0237____ **Starting Date:** __September 2, 2014__ **Defective / Absent Sensors**

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump			☐	☐	☐	☐	☐	☑

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
02	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
03	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
04	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
05	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
06	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
07	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
08	4	Failed anode in O2 sensor.	☐	☐	☐	☐	☐	☑
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This Dump contains cast data collected from all core Stations (24, 01, 04, 13, 07, 12, 16, and 20) during the September survey.

Note the disqualification of the O2 data in all casts, due to failure of anode in O2 sensor during the August survey.

Data quality codes are:

       0 - good   1 - unknown   4 - questionable   8 - bad

as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

Oceanographic Survey Data Quality Report
Glacier Bay National Park and Preserve

CTD #: __5__   Data Dump # ____0236____   Starting Date: ____August 8, 2014____   Defective / Absent Sensors

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump			☐	☐	☐	☐	☐	☐

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01	0		☐	☐	☐	☐	☐	☐
02	0		☐	☐	☐	☐	☐	☐
03	0		☐	☐	☐	☐	☐	☐
04	8	**BAD (re-cast of Cast #03, Stn. 04).**	☐	☐	☐	☐	☐	☐
		DELETED	☐	☐	☐	☐	☐	☐
06	0		☐	☐	☐	☐	☐	☐
07	0		☐	☐	☐	☐	☐	☐
08	4	**Failed anode in O2 sensor.**	☐	☐	☐	☐	☐	☑
09	4	**Failed anode in O2 sensor.**	☐	☐	☐	☐	☐	☑
10	4	**Failed anode in O2 sensor.**	☐	☐	☐	☐	☐	☑
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This Dump contains cast data collected from all core Stations (01, 24, 04, 07, 12, 13, 16, and 20) during the August survey.

Note the disqualification of the O2 data in Cast #s 08, 09, and 10 due to failure of anode in O2 sensor.

Data quality codes are:
          0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

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Oceanographic Survey Data Quality Report
Glacier Bay National Park and Preserve

CTD #: __5__ **Data Dump #** ____0235____ **Starting Date:** _____July 16, 2014_____ **Defective / Absent Sensors**

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	**0**		☐	☐	☐	☐	☐	☐

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This was the "mid-summer" (mid-July) survey, and this Dump contains cast data collected from all 22 standard Stations (20, 24, 00, 01, 02, 03, 04, 13, 05, 06, 07, 08, 10, 11, 12, 21, 09, 14, 16, 17, 18, and 19).

Data quality codes are:
    0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

Deliverable OC_M reporting sheet, revised 2/3/2010

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CTD #: __5__   **Data Dump #** ____0234____   **Starting Date:** _____May 30, 2014_____   **Defective / Absent Sensors**

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	**0**		☐	☐	☐	☐	☐	☐

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This Dump contains cast data collected from all core Stations (24, 01, 04, 13, 07, 12, 16, and 20) during the "June" survey.

(The survey was actually conducted on the last day of May in order to accomodate non-motorized waters restrictions.)

Data quality codes are:
         0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

Oceanographic Survey Data Quality Report
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CTD #: __5__   Data Dump # ____0233____   Starting Date: _____May 5, 2014_____   Defective / Absent Sensors

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	**0**		☐	☐	☐	☐	☐	☐

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This Dump contains cast data collected from all core Stations (24, 01, 04, 13, 07, 12, 16, and 20) during the May survey.

Note that since the CTD was not initialized following the April survey, the cast numbers for the May survey are 08-15.

Data quality codes are:
           0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

Oceanographic Survey Data Quality Report
Glacier Bay National Park and Preserve

CTD #: __5__   Data Dump # ____0232____   Starting Date: _____April 7, 2014_____   **Defective / Absent Sensors**

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	**0**		☐	☐	☐	☐	☐	☐

- OR -

Cast#		Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

This Dump contains cast data (at Stations 24, 01, 04, 13, 07, 12, and 16) from the April survey.

We were unable to occupy Station 20 due to the presence of non-navigable pan ice.

Data quality codes are:
    0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).

Oceanographic Survey Data Quality Report
Glacier Bay National Park and Preserve

CTD #: __5__   **Data Dump #** ____0231____   **Starting Date:** ____March 9, 2014____   **Defective / Absent Sensors**

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
All Casts in Dump	**0**		☐	☐	☐	☐	☐	☐

- OR -

Cast#	Quality Code	Data Quality Comment	Cond	Temp	Fluo	OBS	PAR	O2
00			☐	☐	☐	☐	☐	☐
01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
23			☐	☐	☐	☐	☐	☐
24			☐	☐	☐	☐	☐	☐

Analyst's Comments
(these are not applied to the database)

**** Note that this is the first cast data collected in oceanographic year 2014. Instrument availability precluded any earlier survey (late return from annual calibration).

This Dump contains cast data (from Stations 24, 01, 04, and 12) during the March survey.

Poor sea conditions precluded the occupation of the remaining core stations (07, 13, 16, and 20).

Data quality codes are:
          0 - good   1 - unknown   4 - questionable   8 - bad
as defined for Ocean Data View at http://odv.awi.de/fileadmin/user_upload/odv/misc/ODV4_QualityFlagSets.pdf.

Disqualified sensors are either those disconnected from the instrument or those, after cast data are reviewed, determined to be giving invalid readings. Checking the sensor's disqualify box will cause the OC_D database to have its values made NULL for the indicated cast(s).