

Oceanographic Survey Data Quality Report

Glacier Bay National Park and Preserve

CTD #: 6 Data Dump # 0282 Starting Date: January 21, 2020

Defective / Absent Sensors

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

- OR -

01			☐	☐	☐	☐	☐	☐
02			☐	☐	☐	☐	☐	☐
03			☐	☐	☐	☐	☐	☐
04			☐	☐	☐	☐	☐	☐
05			☐	☐	☐	☐	☐	☐
06			☐	☐	☐	☐	☐	☐
07			☐	☐	☐	☐	☐	☐
08			☐	☐	☐	☐	☐	☐
09			☐	☐	☐	☐	☐	☐
10			☐	☐	☐	☐	☐	☐
11			☐	☐	☐	☐	☐	☐
12			☐	☐	☐	☐	☐	☐
13			☐	☐	☐	☐	☐	☐
14			☐	☐	☐	☐	☐	☐
15			☐	☐	☐	☐	☐	☐
16			☐	☐	☐	☐	☐	☐
17			☐	☐	☐	☐	☐	☐
18			☐	☐	☐	☐	☐	☐
19			☐	☐	☐	☐	☐	☐
20			☐	☐	☐	☐	☐	☐
21			☐	☐	☐	☐	☐	☐
22			☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	☐

Analyst's Comments

(these are not applied to the database)

This Dump contains the first cast data collected in oceanographic year 2020; it represents the "mid-winter all-stations" survey. All twenty two stations (00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20 and 24) were successfully occupied.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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

SEAN Deliverable OC_M

Oceanographic Survey Data Quality Report

Glacier Bay National Park and Preserve

CTD #: 6Data Dump # **0283**

Starting Date: March 08, 2020

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data from seven of eight core stations (01, 04, 07, 13, 16, and 24) during the March 2020 survey. Station 12 was inaccessible due strong winds and heavy seas.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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 #: 6 Data Dump # 0284 Starting Date: April 10, 2020

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data from all eight core stations (01, 04, 07, 12, 13, 16, 20 and 24) during the April 2020 survey. Cast 30 is not included as it is incomplete due to a equipment malfunction.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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 #: **6** Data Dump # **0285** Starting Date: **May 7, 2020**

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data collected from all 8 core stations (01, 04, 07, 12, 13, 16, 20, and 24) during the May 2020 survey. Casts 39, 42-46, 48 are not included as they were incomplete due to equipment malfunction.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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 #: 6 Data Dump # 0286 Starting Date: May 31, 2020

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data collected from all 8 core stations (01, 04, 07, 12, 13, 16, 20, and 24) during the "June" 2020 survey (actually conducted on May 31).

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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 #: 6 Data Dump # 0287 Starting Date: July 14, 2020

Defective / Absent Sensors

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

- OR -

62			☐	☐	☐	☐	☐	☐
63			☐	☐	☐	☐	☐	☐
64			☐	☐	☐	☐	☐	☐
65			☐	☐	☐	☐	☐	☐
66			☐	☐	☐	☐	☐	☐
67			☐	☐	☐	☐	☐	☐
68			☐	☐	☐	☐	☐	☐
69			☐	☐	☐	☐	☐	☐
70			☐	☐	☐	☐	☐	☐
71			☐	☐	☐	☐	☐	☐
72			☐	☐	☐	☐	☐	☐
73			☐	☐	☐	☐	☐	☐
74			☐	☐	☐	☐	☐	☐
75			☐	☐	☐	☐	☐	☐
76			☐	☐	☐	☐	☐	☐
77			☐	☐	☐	☐	☐	☐
78			☐	☐	☐	☐	☐	☐
79			☐	☐	☐	☐	☐	☐
80			☐	☐	☐	☐	☐	☐
81			☐	☐	☐	☐	☐	☐
82			☐	☐	☐	☐	☐	☐
83			☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	☐
			☐	☐	☐	☐	☐	☐

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data collected from all 22 stations (00, 01, 02, 03, 04, 05, 06, 07, 08, 09, 10, 11, 12, 13, 14, 16, 17, 18, 19, 20, 21, and 24) during the mid-summer "all-stations" July 2020 survey.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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

SEAN Deliverable OC_M

Oceanographic Survey Data Quality Report

Glacier Bay National Park and Preserve

CTD #: 6

Data Dump # 0288

Starting Date: August 5, 2020

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data collected from all 8 core stations (01, 04, 07, 12, 13, 16, 20, and 24) during the August 2020 survey.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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 #: 6Data Dump # **0289**

Starting Date: September 10, 2020

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data collected from all 8 core stations (01, 04, 07, 12, 13, 16, 20, and 24) during the September 2020 survey.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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 #: 6 Data Dump # 0290 Starting Date: October 6, 2020

Defective / Absent Sensors

[illegible]

- OR -

[illegible]

Analyst's Comments

(these are not applied to the database)

This Dump contains cast data collected from 8 core stations during the October 2020 survey. Casts were relabelled 02-09 in data dump 0290 so not to violate the protocol. Cast 01 was recast due to a low voltage shutoff mid cast. 01 is not included in the data set.

The Seabird post season calibration report noted that the fluorometer was out of specification low and the oxygen sensor membrane exhibited a wrinkle. These sensor aberrations did not result in any obvious data anomalies that would necessitate disqualifying the fluorometer and oxygen data.

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).