

# Oyster/Oyster Reef Indicator Quantile Report

## SEACAR Analysis

Last compiled on 12 September, 2024

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# Overview

## Purpose

The purpose of the indicator quantiles is to flag records that are “unusual” relative to all of the data in the DDI for a given indicator in order to facilitate QA/QC. They are not used to filter any of the data for SEACAR analyses, and the presence of a LowerQuantile or UpperQuantile flag on a DDI record alone does not necessarily indicate there is any issue with the record (neither does the absence of a LowerQuantile or UpperQuantile flag necessarily mean that a data record is correct).

## Relevant file locations

Current values can be found in the “LowQuantile” and “HighQuantile” columns of the “Ref\_Parameters” worksheet.

The R script described below and the output file can be found in the *FloridaSEACAR IndicatorQuantiles* repository on GitHub:

- <https://github.com/FloridaSEACAR/IndicatorQuantiles>

## Process steps

### IQ\_Report\_Render.R & IQ\_Report.Rmd

1. The *IQ\_Report\_Render.R* script lists all files in a given directory and filters it to a list of DDI exports to evaluate considering a list of parameters to skip (user-defined).
2. User sets the desired upper and lower quantile thresholds, as well as a number of standard deviations away from the mean to use for the calculations.
3. User sets the string value(s) in the DDI exports that should be considered as NA values.
4. The remainder of the script loops through the file list, returning the values listed below and binding them together by row into a single Excel spreadsheet that is saved to the User’s working directory.
5. For each habitat included in the User’s working directory a PDF report will be created in the “output” folder using *IQ\_Report.Rmd*, which provides an overview of questionable / flagged values.
6. In addition to the PDF reports, each habitat will provide a .txt data output file in the “output/data” folder containing questionable values.

## Summary

The following quantile thresholds are used for flagging “questionable” values:

- Lower quantile: **0.001**
- Upper quantile: **0.999**

**Included Indicators and Parameters and the files used in this analysis:**

*All\_OYSTER\_Parameters-2024-Sep-04.txt*

*Indicator:* Density

- Density
- Number of Oysters Counted - Dead(NA)
- Number of Oysters Counted - Dead(0.0625)
- Number of Oysters Counted - Dead(0.1)
- Number of Oysters Counted - Dead(0.25)
- Number of Oysters Counted - Dead(1)
- Number of Oysters Counted - Live(NA)
- Number of Oysters Counted - Live(0.0625)
- Number of Oysters Counted - Live(0.1)
- Number of Oysters Counted - Live(0.25)
- Number of Oysters Counted - Live(1)
- Number of Oysters Counted - Total(NA)
- Number of Oysters Counted - Total(0.0625)
- Number of Oysters Counted - Total(0.1)
- Number of Oysters Counted - Total(0.25)
- Number of Oysters Counted - Total(1)
- Reef Height

*Indicator:* Percent Live

- Percent Live

*Indicator:* Size Class

- Shell Height(NA)
- Shell Height(0.0625)
- Shell Height(0.1)
- Shell Height(0.25)
- Shell Height(0.33)
- Shell Height(1)

## Summary Tables

*q\_low*: Value corresponding to the qval\_low quantile for the parameter in the DDI export.

*q\_high*: Value corresponding to the qval\_high quantile for the parameter in the DDI export.

*mean*: Mean value for the parameter in the DDI export.

*n\_tot*: Total number of records in the DDI export for the parameter.

*n\_q\_low*: Number of records in the DDI export that are below q\_low for the parameter.

*n\_q\_high*: Number of records in the DDI export that are above q\_high for the parameter.

*pct\_flagged*: Proportion of total records in the DDI export for the parameter which have been flagged as above q\_high, or below q\_low.

*Indicator: Density*

Table 1: Indicator Quantile Overview

ParameterName	QuadSize m2	q low	q high	mean	n tot	n q low	n q high	pct flagged
Density		0	7103.97	425.12	6159	0	0	0.00
Number of Oysters Counted - Dead					0	0	0	
Number of Oysters Counted - Dead	0.06	0	101.61	31.30	465	0	1	0.22
Number of Oysters Counted - Dead	0.10	0	67.76	6.61	161	0	1	0.62
Number of Oysters Counted - Dead	0.25	0	160.49	6.92	3835	0	4	0.10
Number of Oysters Counted - Dead	1.00	0	171.20	8.80	163	0	1	0.61
Number of Oysters Counted - Live					0	0	0	
Number of Oysters Counted - Live	0.06	0	192.17	35.85	1168	0	2	0.17
Number of Oysters Counted - Live	0.10	0	263.00	21.52	161	0	1	0.62
Number of Oysters Counted - Live	0.25	0	422.27	30.67	3848	0	4	0.10
Number of Oysters Counted - Live	1.00	0	266.48	14.64	211	0	1	0.47
Number of Oysters Counted - Total					0	0	0	
Number of Oysters Counted - Total	0.06	0	544.68	66.22	1613	0	2	0.12
Number of Oysters Counted - Total	0.10	0	288.20	28.14	161	0	1	0.62
Number of Oysters Counted - Total	0.25	0	578.22	37.96	3827	0	4	0.10
Number of Oysters Counted - Total	1.00	0	304.54	50.28	89	0	1	1.12
Reef Height		0	16054.40	717.81	1115	0	0	0.00

*Indicator: Percent Live*

Table 2: Indicator Quantile Overview

ParameterName	QuadSize m2	q low	q high	mean	n tot	n q low	n q high	pct flagged
Percent Live		0	100	49.66	6552	0	0	0

*Indicator: Size Class*

Table 3: Indicator Quantile Overview

ParameterName	QuadSize m2	q low	q high	mean	n tot	n q low	n q high	pct flagged
Shell Height		8.25	134.69	40.41	30568	31	31	0.20
Shell Height	0.06	1.70	126.40	37.27	97767	88	97	0.19
Shell Height	0.10	4.06	79.94	23.98	1060	2	2	0.38

ParameterName	QuadSize m2	q low	q high	mean	n tot	n q low	n q high	pct flagged
Shell Height	0.25	2.00	106.00	38.68	426618	240	426	0.16
Shell Height	0.33	11.56	76.32	37.05	592	1	1	0.34
Shell Height	1.00	0.00	114.37	30.11	811	0	1	0.12

## Low Quantile

### Indicator: Density

There are no *Low* Quantile Flagged Values for Density

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Dead(NA)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Dead(0.0625)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Dead(0.1)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Dead(0.25)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Dead(1)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Live(NA)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Live(0.0625)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Live(0.1)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Live(0.25)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Live(1)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Total(NA)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Total(0.0625)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Total(0.1)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Total(0.25)

There are no *Low* Quantile Flagged Values for Number of Oysters Counted - Total(1)

There are no *Low* Quantile Flagged Values for Reef Height

### Indicator: Percent Live

There are no *Low* Quantile Flagged Values for Percent Live

### Indicator: Size Class

Shell Height(NA)

Table 4: Flagged Values - Low Indicator Quantile: **8.24639**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
76397	5035	8848	2018-10-02 21:21:56	4.47
76961	5035	8848	2018-10-02 21:21:56	8.06
107450	5035	8848	2018-10-02 21:21:56	6.86
142496	5035	8848	2018-10-02 21:21:56	7.42
142572	5035	8848	2018-10-02 21:21:56	6.58
177262	5035	8848	2018-10-02 21:21:56	8.02
177419	5035	8848	2018-10-02 21:21:56	7.17
177636	5035	8848	2018-10-02 21:21:56	7.51
192419	5035	8848	2018-10-02 21:21:56	7.93
69078	5035	8876	2018-10-29 14:09:53	7.00
112478	5035	8876	2018-10-29 14:09:53	8.00
119599	5035	8876	2018-10-29 14:09:53	4.00
122237	5035	8876	2018-10-29 14:09:53	8.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
208251	5035	8877	2018-10-29 14:14:56	7.00
208903	5035	8877	2018-10-29 14:14:56	6.00
349496	5035	8877	2018-10-29 14:14:56	4.00
390700	5035	8877	2018-10-29 14:14:56	7.00
540779	5035	8878	2018-10-29 14:11:27	6.00
586813	5035	8878	2018-10-29 14:11:27	7.00
787814	5035	8878	2018-10-29 14:11:27	8.00
787817	5035	8878	2018-10-29 14:11:27	8.00
788290	5035	8878	2018-10-29 14:11:27	7.00
804269	5035	8878	2018-10-29 14:11:27	6.00
259726	5035	8881	2018-10-29 16:12:45	7.00
430297	5035	8881	2018-10-29 16:12:45	7.00
450365	5035	8881	2018-10-29 16:12:45	8.00
370971	5035	8882	2018-10-29 18:16:46	8.00
237595	5035	8892	2018-10-04 22:15:47	7.70
613647	5035	8905	2018-10-03 21:43:38	8.15
684278	5035	8905	2018-10-03 21:43:38	7.55
409127	5072	8CI41	2011-06-17 00:00:00	6.71

**Programs containing flagged data:**

*5035* - Historical Oyster Body Size (HOBS) Study

*5072* - Prehistoric baseline reveals substantial decline of oyster reef condition in a Gulf of Mexico conservation priority area - archaeological oyster data

**Shell Height(0.0625)**Table 5: Flagged Values - Low Indicator Quantile: **1.7**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
40618	4000	BU3	2020-02-14	1.0
40717	4000	BU3	2020-02-14	1.0
83079	4000	BU3	2020-02-14	1.0
121533	4000	BU3	2020-02-14	1.0
402553	4000	GR101	2016-07-08	1.4
453472	4000	GR101	2016-07-08	1.4
651966	4000	GR101	2016-07-08	1.4
672952	4000	GR101	2016-07-08	1.0
674387	4000	GR101	2016-07-08	1.1
674459	4000	GR101	2016-07-08	1.0
83835	4000	GR102	2016-07-27	1.5
93732	4000	GR102	2016-07-27	1.6
81448	4000	GR250	2015-12-10	1.5
198463	4000	GR5A	2016-09-07	1.3
307890	4000	GR5A	2016-09-07	1.5
325280	4000	GR5A	2016-09-07	1.1
325567	4000	GR5A	2016-09-07	1.4
325571	4000	GR5A	2016-09-07	1.5
362077	4000	GR5A	2016-09-07	0.7
362111	4000	GR5A	2016-09-07	0.7
378169	4000	GR5A	2016-09-07	1.4
385492	4000	GR5A	2016-09-07	1.2
386331	4000	GR5A	2016-09-07	1.0
400264	4000	GR65	2016-09-07	1.3
400339	4000	GR65	2016-09-07	1.4
446938	4000	GR65	2016-09-07	1.6
591913	4000	GR65	2016-09-07	1.4
649682	4000	GR65	2016-09-07	1.3
670811	4000	GR65	2016-09-07	1.5
670833	4000	GR65	2016-09-07	1.4
670934	4000	GR65	2016-09-07	1.2
671227	4000	GR65	2016-09-07	1.4
364275	4000	GR73	2016-09-06	1.6
500925	4000	SR41	2016-08-17	1.3
289763	4000	SR70	2016-07-12	1.3
289911	4000	SR70	2016-07-12	1.1
405097	4000	SR70	2016-07-12	1.2
405260	4000	SR70	2016-07-12	0.7
423326	4000	SR70	2016-07-12	1.0
437278	4000	SR70	2016-07-12	1.2
446324	4000	SR70	2016-07-12	1.3
129911	4000	SR71	2016-07-13	1.4
177225	4000	SR71	2016-07-13	1.2
177787	4000	SR71	2016-07-13	1.0
203406	4000	SR71	2016-07-13	0.9
217688	4000	SR71	2016-07-13	1.4
217697	4000	SR71	2016-07-13	1.3
145571	4000	SR8	2016-12-28	1.6



RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
74386	4000	SR86	2016-08-17	1.3
89151	4000	SR86	2016-08-17	1.6
131212	4000	SR86	2016-08-17	1.3
163836	4012	TB Reference	2017-02-02	0.0
409148	4016	IR26	2021-06-21	0.0
425179	4016	IR26	2021-06-21	0.0
453172	4016	IR26	2021-06-21	0.0
786631	4016	Jack Island	2023-05-17	0.0
822499	4016	Jack Island	2023-05-17	0.0
106040	4016	SL1	2021-06-22	0.0
174900	4016	SL1	2021-06-22	0.0
590289	4042	699b	2015-03-05	0.0
255910	5017	MLC20	2015-06-10	1.3
592	5017	MLC21	2015-06-03	1.0
674	5017	MLC21	2015-06-03	1.0
676	5017	MLC21	2015-06-03	1.0
695	5017	MLC21	2015-06-03	1.0
831	5017	MLC21	2015-06-03	1.0
832	5017	MLC21	2015-06-03	1.0
834	5017	MLC21	2015-06-03	1.0
1646	5017	MLC21	2015-06-03	1.0
1658	5017	MLC21	2015-06-03	1.0
1661	5017	MLC21	2015-06-03	1.0
1699	5017	MLC21	2015-06-03	1.0
1838	5017	MLC21	2015-06-03	1.0
3380	5017	MLC21	2015-06-03	1.0
3954	5017	MLC21	2015-06-03	1.0
4005	5017	MLC21	2015-06-03	1.0
4212	5017	MLC21	2015-06-03	1.0
4227	5017	MLC21	2015-06-03	1.0
4299	5017	MLC21	2015-06-03	1.0
7217	5017	MLC21	2015-06-03	1.0
327121	5017	MLC25	2015-06-04	1.5
606317	5017	MLC5	2015-06-10	1.6
606319	5017	MLC5	2015-06-10	1.4
606382	5017	MLC5	2015-06-10	1.6
76694	5017	MLCBU12	2015-06-03	1.0
163633	5017	MLCBU12	2015-06-03	1.0
191639	5017	MLCBU12	2015-06-03	1.5
387057	5017	NCB3	2015-07-17	0.0

**Programs containing flagged data:**

4000 - Guana Tolomato Matanzas NERR Oyster monitoring

4012 - SCCF Oyster Restoration Monitoring

4016 - Indian River Lagoon Oyster, Coastal Wetlands and Mangroves (MarineGEO site)

4042 - Estero Bay Oyster Monitoring

5017 - Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment

## Shell Height(0.1)

Table 6: Flagged Values - Low Indicator Quantile: **4.059**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
605465	5063	240	2016-11-13	3
206136	5063	375	2016-11-17	4

### Programs containing flagged data:

*5063* - Distribution and Condition of Intertidal Eastern Oyster (*Crassostrea virginica*) Reefs in Apalachicola Bay Florida Based on High-Resolution Satellite Imagery

# Shell Height(0.25)

Table 7: Flagged Values - Low Indicator Quantile: **2**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
414319	4012	TB_Restore	2016-02-23	0.64
414328	4012	TB_Restore	2016-02-23	0.67
414403	4012	TB_Restore	2016-02-23	0.77
414404	4012	TB_Restore	2016-02-23	0.33
414470	4012	TB_Restore	2016-02-23	0.07
414859	4012	TB_Restore	2016-02-23	1.66
467871	4012	TB_Restore	2016-02-23	0.64
469365	4012	TB_Restore	2016-02-23	0.00
607376	4012	TB_Restore	2016-02-23	1.35
610263	4012	TB_Restore	2016-02-23	1.54
648658	4012	TB_Restore	2016-02-23	0.86
651180	4012	TB_Restore	2016-02-23	0.53
663855	4012	TB_Restore	2016-02-23	0.47
664374	4012	TB_Restore	2016-02-23	0.50
668989	4012	TB_Restore	2016-02-23	0.77
681580	4012	TB_Restore	2016-02-23	1.55
682810	4012	TB_Restore	2016-02-23	0.16
684707	4012	TB_Restore	2016-02-23	0.50
684708	4012	TB_Restore	2016-02-23	0.38
684853	4012	TB_Restore	2016-02-23	1.57
684854	4012	TB_Restore	2016-02-23	1.82
685255	4012	TB_Restore	2016-02-23	0.05
708955	4012	TB_Restore	2016-02-23	0.33
709755	4012	TB_Restore	2016-02-23	0.60
711161	4012	TB_Restore	2016-02-23	0.54
711166	4012	TB_Restore	2016-02-23	0.88
711167	4012	TB_Restore	2016-02-23	0.33
666453	4044	NRDA_APA-CP-MP2	2019-12-10	1.00
494576	4044	NRDA_APA-DB-MP2	2021-09-30	1.00
669490	4044	NRDA_APA-DB-MP3	2018-02-13	1.00
79390	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
148340	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
79140	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
79296	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
112820	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
183287	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
201316	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
114090	4044	NRDA_APA-HB-MP1	2017-11-30	1.00
80312	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
86348	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
86349	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
156475	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
191889	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
203746	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
383885	4044	NRDA_APA-HB-MP2	2017-11-30	1.00
212483	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
212599	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
321782	4044	NRDA_APA-LG-MP1	2021-09-21	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
381726	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
37734	4044	NRDA_APA-LG-MP2	2021-09-21	1.00
304033	4044	NRDA_APA-LH-MP2	2017-06-09	1.00
265060	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
473611	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
135125	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
147559	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
168718	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
135159	4044	NRDA_APA-NBM-MP1	2021-12-02	1.00
349133	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
628241	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
94279	4044	NRDA_APA-NS-MP1	2021-09-21	1.00
739087	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
766016	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
766294	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
379232	4044	NRDA_APA-RC1-MP2	2017-07-05	1.00
50624	5007	R-9MB-MP1	2021-04-12	0.00
56708	5007	R-9MB-MP1	2021-04-12	0.00
83733	5007	R-9MB-MP1	2021-04-12	0.00
84368	5007	R-9MB-MP1	2021-04-12	0.00
102930	5007	R-9MB-MP1	2021-04-12	0.00
102984	5007	R-9MB-MP1	2021-04-12	0.00
122193	5007	R-9MB-MP1	2021-04-12	0.00
122219	5007	R-9MB-MP1	2021-04-12	0.00
134536	5007	R-9MB-MP1	2021-04-12	0.00
134537	5007	R-9MB-MP1	2021-04-12	0.00
144641	5007	R-9MB-MP1	2021-04-12	0.00
144642	5007	R-9MB-MP1	2021-04-12	0.00
144729	5007	R-9MB-MP1	2021-04-12	0.00
148526	5007	R-9MB-MP1	2021-04-12	0.00
691846	5007	R-CP-MP1	2019-08-16	1.00
654513	5007	R-CP-MP3	2019-08-13	1.00
682325	5007	R-CP-MP3	2019-08-13	1.00
689005	5007	R-CP-MP3	2019-08-13	1.00
19477	5007	R-CPS-MP1	2019-08-23	1.00
3210	5007	R-CPS-MP1	2021-06-17	1.00
4898	5007	R-CPS-MP1	2021-06-17	1.00
5355	5007	R-CPS-MP1	2021-06-17	1.00
6729	5007	R-CPS-MP1	2021-06-17	1.00
7805	5007	R-CPS-MP1	2021-06-17	1.00
9664	5007	R-CPS-MP1	2021-06-17	1.00
12317	5007	R-CPS-MP1	2021-06-17	1.00
13556	5007	R-CPS-MP1	2021-06-17	1.00
15053	5007	R-CPS-MP1	2021-06-17	1.00
15223	5007	R-CPS-MP1	2021-06-17	1.00
15293	5007	R-CPS-MP1	2021-06-17	1.00
19293	5007	R-CPS-MP1	2021-06-17	1.00
19878	5007	R-CPS-MP1	2021-06-17	1.00
20050	5007	R-CPS-MP1	2021-06-17	1.00
20149	5007	R-CPS-MP1	2021-06-17	1.00
26440	5007	R-CPS-MP1	2021-06-17	1.00
248969	5007	R-CPS-MP2	2021-06-17	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
271747	5007	R-CPS-MP2	2021-06-17	1.00
296195	5007	R-CPS-MP2	2021-06-17	1.00
310333	5007	R-CPS-MP2	2021-06-17	1.00
314144	5007	R-CPS-MP2	2021-06-17	1.00
615590	5007	R-EH1-MP1	2019-07-31	1.00
420829	5007	R-EH1-MP1	2021-06-24	1.00
421716	5007	R-EH1-MP1	2021-06-24	1.00
421847	5007	R-EH1-MP1	2021-06-24	1.00
422124	5007	R-EH1-MP1	2021-06-24	1.00
484019	5007	R-EH1-MP1	2021-06-24	1.00
618208	5007	R-EH1-MP1	2021-06-24	1.00
618215	5007	R-EH1-MP1	2021-06-24	1.00
659148	5007	R-EH1-MP1	2021-06-24	1.00
673504	5007	R-EH1-MP1	2021-06-24	1.00
685960	5007	R-EH1-MP1	2021-06-24	1.00
692986	5007	R-EH1-MP1	2021-06-24	1.00
693157	5007	R-EH1-MP1	2021-06-24	1.00
694027	5007	R-EH1-MP1	2021-06-24	1.00
716871	5007	R-EH1-MP1	2021-06-24	1.00
146682	5007	R-EH1-MP2	2018-09-13	1.00
58241	5007	R-EH1-MP2	2021-06-24	1.00
412808	5007	R-EH1-MP4	2019-07-30	1.00
331435	5007	R-HB1-MP1	2018-06-26	1.00
426396	5007	R-HB1-MP2	2021-01-13	1.00
426665	5007	R-HB1-MP2	2021-01-13	1.00
664933	5007	R-HB1-MP2	2021-01-13	1.00
688812	5007	R-HB1-MP2	2021-01-13	1.00
719352	5007	R-HB1-MP2	2021-01-13	1.00
704432	5007	R-HB2-MP1	2018-06-26	1.00
704465	5007	R-HB2-MP1	2018-06-26	1.00
715005	5007	R-HB2-MP1	2018-06-26	1.00
728060	5007	R-HB2-MP1	2018-06-26	1.00
741446	5007	R-HB2-MP1	2018-06-26	1.00
753178	5007	R-HB2-MP1	2018-06-26	1.00
808573	5007	R-ME-MP2	2019-08-21	1.00
350629	5007	R-NS2-MP1	2018-06-25	1.00
381082	5007	R-NS2-MP1	2018-06-25	1.00
48063	5007	R-NS2-MP2	2018-06-25	1.00
77751	5007	R-NS2-MP2	2018-06-25	1.00
78133	5007	R-NS2-MP2	2018-06-25	1.00
125989	5007	R-NS2-MP2	2018-06-25	1.00
47773	5007	R-NS2-MP2	2020-12-15	0.00
529085	5007	R-PR-MP1	2019-08-21	1.00
729181	5007	R-PR-MP1	2019-08-21	1.00
468269	5007	R-PR-MP1	2021-06-24	1.00
531071	5007	R-PR-MP1	2021-06-24	1.00
687841	5007	R-PR-MP1	2021-06-24	1.00
687915	5007	R-PR-MP1	2021-06-24	1.00
718931	5007	R-PR-MP1	2021-06-24	1.00
732529	5007	R-PR-MP1	2021-06-24	1.00
760490	5007	R-PR-MP1	2021-06-24	1.00
419094	5007	R-PR-MP2	2021-06-24	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
474984	5007	R-PR-MP2	2021-06-24	1.00
657546	5007	R-PR-MP2	2021-06-24	1.00
671422	5007	R-PR-MP2	2021-06-24	1.00
684929	5007	R-PR-MP2	2021-06-24	1.00
685168	5007	R-PR-MP2	2021-06-24	1.00
685197	5007	R-PR-MP2	2021-06-24	1.00
180575	5007	R-SB-MP1	2018-09-13	1.00
188467	5007	R-SB-MP1	2018-09-13	1.00
298597	5007	R-SB-MP1	2018-09-13	1.00
323052	5007	R-SB-MP1	2018-09-13	1.00
331104	5007	R-SB-MP1	2018-09-13	1.00
340250	5007	R-SB-MP1	2018-09-13	1.00
346008	5007	R-SB-MP1	2018-09-13	1.00
318011	10002	East Hole	2003-09-30	1.00
318012	10002	East Hole	2003-09-30	1.00
329419	10002	East Hole	2003-09-30	1.00
329420	10002	East Hole	2003-09-30	1.00
329660	10002	East Hole	2003-09-30	1.00
329661	10002	East Hole	2003-09-30	1.00
353984	10002	East Hole	2003-09-30	1.00
354060	10002	East Hole	2003-09-30	1.00
354168	10002	East Hole	2003-09-30	1.00
354362	10002	East Hole	2003-09-30	1.00
354363	10002	East Hole	2003-09-30	1.00
354364	10002	East Hole	2003-09-30	1.00
360614	10002	East Hole	2003-09-30	1.00
360615	10002	East Hole	2003-09-30	1.00
467674	10002	East Hole	2003-09-30	1.00
488106	10002	East Hole	2003-09-30	1.00
488120	10002	East Hole	2003-09-30	1.00
488121	10002	East Hole	2003-09-30	1.00
488246	10002	East Hole	2003-09-30	1.00
488247	10002	East Hole	2003-09-30	1.00
490736	10002	East Hole	2003-09-30	1.00
490737	10002	East Hole	2003-09-30	1.00
491494	10002	East Hole	2003-09-30	1.00
491495	10002	East Hole	2003-09-30	1.00
493112	10002	East Hole	2003-09-30	1.00
493113	10002	East Hole	2003-09-30	1.00
530053	10002	East Hole	2003-09-30	1.00
536624	10002	East Hole	2003-09-30	1.00
536625	10002	East Hole	2003-09-30	1.00
536750	10002	East Hole	2003-09-30	1.00
536751	10002	East Hole	2003-09-30	1.00
540684	10002	East Hole	2003-09-30	1.00
540697	10002	East Hole	2003-09-30	1.00
541369	10002	East Hole	2003-09-30	1.00
541891	10002	East Hole	2003-09-30	1.00
542566	10002	East Hole	2003-09-30	1.00
543128	10002	East Hole	2003-09-30	1.00
543129	10002	East Hole	2003-09-30	1.00
550104	10002	East Hole	2003-09-30	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
550165	10002	East Hole	2003-09-30	1.00
550166	10002	East Hole	2003-09-30	1.00
550242	10002	East Hole	2003-09-30	1.00
550258	10002	East Hole	2003-09-30	1.00
550281	10002	East Hole	2003-09-30	1.00
552129	10002	East Hole	2003-09-30	1.00
553941	10002	East Hole	2003-09-30	1.00
553942	10002	East Hole	2003-09-30	1.00
554005	10002	East Hole	2003-09-30	1.00
554056	10002	East Hole	2003-09-30	1.00
554128	10002	East Hole	2003-09-30	1.00
555923	10002	East Hole	2003-09-30	1.00
557059	10002	East Hole	2003-09-30	1.00
557099	10002	East Hole	2003-09-30	1.00
558146	10002	East Hole	2003-09-30	1.00
559579	10002	East Hole	2003-09-30	1.00
559675	10002	East Hole	2003-09-30	1.00
559734	10002	East Hole	2003-09-30	1.00
559757	10002	East Hole	2003-09-30	1.00
566835	10002	East Hole	2003-09-30	1.00
568013	10002	East Hole	2003-09-30	1.00
569265	10002	East Hole	2003-09-30	1.00
576359	10002	East Hole	2003-09-30	1.00
576360	10002	East Hole	2003-09-30	1.00
576361	10002	East Hole	2003-09-30	1.00
598594	10002	East Hole	2003-09-30	1.00
598660	10002	East Hole	2003-09-30	1.00
598661	10002	East Hole	2003-09-30	1.00
598694	10002	East Hole	2003-09-30	1.00
598695	10002	East Hole	2003-09-30	1.00
598729	10002	East Hole	2003-09-30	1.00
602093	10002	East Hole	2003-09-30	1.00
602094	10002	East Hole	2003-09-30	1.00
603572	10002	East Hole	2003-09-30	1.00
603573	10002	East Hole	2003-09-30	1.00
603848	10002	East Hole	2003-09-30	1.00

**Programs containing flagged data:**

*4012* - SCCF Oyster Restoration Monitoring

*4044* - NRDA Oyster Cultch Recovery Project

*5007* - RESTORE Oyster Cultch Recovery

*10002* - Apalachicola Bay Oyster Size Class Monitoring

**Shell Height(0.33)**

Table 8: Flagged Values - Low Indicator Quantile: **11.5628**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
735165	4042	237a	2014-11-11	11.09

**Programs containing flagged data:**

~~4042~~ - Estero Bay Oyster Monitoring



There are no *Low* Quantile Flagged Values for Shell Height(1)

## High Quantile

### Indicator: Density

There are no *High* Quantile Flagged Values for Density

There are no *High* Quantile Flagged Values for Number of Oysters Counted - Dead(NA)

### Number of Oysters Counted - Dead(0.0625)

Table 9: Flagged Values - High Indicator Quantile: **101.608**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
388392	5075	SGI03	2019-12-16	103

### Programs containing flagged data:

5075 - Apalachicola Bay Intertidal Oyster Sampling

## Number of Oysters Counted - Dead(0.1)

Table 10: Flagged Values - High Indicator Quantile: **67.76**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
132172	5063	385	2016-11-17	70

### Programs containing flagged data:

*5063* - Distribution and Condition of Intertidal Eastern Oyster (*Crassostrea virginica*) Reefs in Apalachicola Bay Florida Based on High-Resolution Satellite Imagery

## Number of Oysters Counted - Dead(0.25)

Table 11: Flagged Values - High Indicator Quantile: **160.494**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
210957	4014	10	2003-09-22	201
46809	4014	12	2003-09-22	168
823185	4014	5	2003-07-22	178
451175	5073	FLAO61-A1006-TJ916Q	2010-10-06	542

### Programs containing flagged data:

*4014* - Loxahatchee River Oyster Mapping and Recruitment

*5073* - Deepwater Horizon NRDA Oyster Technical Working Group Oyster Quadrat Abundance Sampling

## Number of Oysters Counted - Dead(1)

Table 12: Flagged Values - High Indicator Quantile: **171.196**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
513432	5073	FLAN61-A1006-TJ912Q	2010-10-06	178

## Programs containing flagged data:

*5073* - Deepwater Horizon NRDA Oyster Technical Working Group Oyster Quadrat Abundance Sampling

There are no *High* Quantile Flagged Values for Number of Oysters Counted - Live(NA)

**Number of Oysters Counted - Live(0.0625)**

Table 13: Flagged Values - High Indicator Quantile: **192.165**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
368333	5017	GMS16	2016-06-14	193
318191	5075	SGI03	2019-12-16	222

**Programs containing flagged data:**

*5017* - Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment

*5075* - Apalachicola Bay Intertidal Oyster Sampling

## Number of Oysters Counted - Live(0.1)

Table 14: Flagged Values - High Indicator Quantile: **263**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
454596	5063	368	2016-11-17	267

### Programs containing flagged data:

*5063* - Distribution and Condition of Intertidal Eastern Oyster (*Crassostrea virginica*) Reefs in Apalachicola Bay Florida Based on High-Resolution Satellite Imagery

## Number of Oysters Counted - Live(0.25)

Table 15: Flagged Values - High Indicator Quantile: **422.273**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
648624	4012	TB_Restore	2016-03-01	512
822972	4014	10	2003-09-22	695
789272	4014	13	2003-10-21	901
785162	4014	4	2003-07-22	457

### Programs containing flagged data:

~~4012~~ - SCCF Oyster Restoration Monitoring

~~4014~~ - Loxahatchee River Oyster Mapping and Recruitment



**Number of Oysters Counted - Live(1)**

Table 16: Flagged Values - High Indicator Quantile: **266.48**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
513433	5073	FLAN61-D0827-T1550005-04Q	2013-08-27	290

**Programs containing flagged data:**

*5073* - Deepwater Horizon NRDA Oyster Technical Working Group Oyster Quadrat Abundance Sampling

There are no *High* Quantile Flagged Values for Number of Oysters Counted - Total(NA)

**Number of Oysters Counted - Total(0.0625)**

Table 17: Flagged Values - High Indicator Quantile: **544.684**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
41486	4000	PF323	2015-12-16	571
478099	4000	PFD	2015-08-06	694

**Programs containing flagged data:**

4000 - Guana Tolomato Matanzas NERR Oyster monitoring

**Number of Oysters Counted - Total(0.1)**

Table 18: Flagged Values - High Indicator Quantile: **288.2**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
369653	5063	368	2016-11-17	289

**Programs containing flagged data:**

*5063* - Distribution and Condition of Intertidal Eastern Oyster (*Crassostrea virginica*) Reefs in Apalachicola Bay Florida Based on High-Resolution Satellite Imagery

## Number of Oysters Counted - Total(0.25)

Table 19: Flagged Values - High Indicator Quantile: **578.218**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
225394	4014	10	2003-09-22	896
134021	4014	12	2003-09-22	584
449190	4014	13	2003-10-21	1028
475117	5073	FLAO61-A1006-TJ916Q	2010-10-06	596

### Programs containing flagged data:

*4014* - Loxahatchee River Oyster Mapping and Recruitment

*5073* - Deepwater Horizon NRDA Oyster Technical Working Group Oyster Quadrat Abundance Sampling

**Number of Oysters Counted - Total(1)**

Table 20: Flagged Values - High Indicator Quantile: **304.544**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
724840	5073	FLAN61-D0827-T1550005-04Q	2013-08-27	310

**Programs containing flagged data:**

*5073* - Deepwater Horizon NRDA Oyster Technical Working Group Oyster Quadrat Abundance Sampling

There are no *High* Quantile Flagged Values for Reef Height

### Indicator: Percent Live

There are no *High* Quantile Flagged Values for Percent Live

### Indicator: Size Class

#### Shell Height(NA)

Table 21: Flagged Values - High Indicator Quantile: **134.69196**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
39875	5035	8849	2018-09-11 19:39:45	145.71
348168	5035	8850	2018-09-11 19:48:19	146.25
395732	5035	8850	2018-09-11 19:48:19	141.75
787666	5035	8853	2018-09-11 20:52:58	140.79
128116	5035	8897	2018-10-05 20:53:20	138.49
444628	5035	8922	2018-09-04 21:46:47	136.42
144621	5072	8CI1	2012-06-22 00:00:00	154.08
178436	5072	8CI1	2012-06-22 00:00:00	139.24
144511	5072	8CI1	2013-06-04 00:00:00	151.20
179855	5072	8CI1	2013-06-04 00:00:00	136.65
193493	5072	8CI1	2013-06-05 00:00:00	156.81
165463	5072	8CI1	2013-06-07 00:00:00	136.24
77073	5072	8CI1	2013-06-11 00:00:00	148.80
144408	5072	8CI1	2013-06-11 00:00:00	169.00
179784	5072	8CI1	2013-06-11 00:00:00	147.93
77271	5072	8CI1	2013-06-12 00:00:00	134.81
193471	5072	8CI1	2013-06-12 00:00:00	161.95
178374	5072	8CI1	2013-06-17 00:00:00	139.88
179816	5072	8CI1	2013-06-17 00:00:00	151.87
225122	5072	8CI41	2011-06-08 00:00:00	139.21
335317	5072	8CI41	2011-06-10 00:00:00	134.76
415510	5072	8CI41	2011-06-13 00:00:00	144.33
365690	5072	8CI41	2011-06-15 00:00:00	155.00
224525	5072	8CI41	2011-06-17 00:00:00	135.23
268494	5072	8CI41	2011-06-17 00:00:00	169.18
385232	5072	8CI41	2011-06-17 00:00:00	151.26
385312	5072	8CI41	2011-06-17 00:00:00	135.63
385313	5072	8CI41	2011-06-17 00:00:00	150.98
409855	5072	8CI41	2011-06-17 00:00:00	139.01
410119	5072	8CI41	2011-06-17 00:00:00	139.33
385623	5072	8CI41	2011-06-24 00:00:00	139.42

#### Programs containing flagged data:

5035 - Historical Oyster Body Size (HOBS) Study

5072 - Prehistoric baseline reveals substantial decline of oyster reef condition in a Gulf of Mexico conservation priority area - archaeological oyster data

Shell Height(0.0625)

Table 22: Flagged Values - High Indicator Quantile: **126.4**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
588010	4000	FM32	2018-09-10	126.5
201458	4000	GR1	2014-05-22	136.6
197403	4000	GR1	2015-07-22	138.7
197453	4000	GR1	2016-08-22	132.0
215812	4000	GR1	2016-08-22	134.8
595656	4000	GR11	2016-02-17	140.1
642884	4000	GR11	2016-02-17	127.8
652666	4000	GR11	2016-02-17	150.9
674777	4000	GR11	2016-02-17	135.7
403483	4000	GR11	2022-03-16	129.5
403508	4000	GR11	2022-03-16	150.5
456584	4000	GR11	2022-03-16	152.1
642977	4000	GR11	2022-03-16	150.1
653122	4000	GR11	2022-03-16	150.0
653163	4000	GR11	2022-03-16	133.5
673386	4000	GR11	2022-03-16	127.6
673408	4000	GR11	2022-03-16	128.3
699859	4000	GR11	2022-03-16	137.2
361148	4000	GR1A	2018-09-11	142.1
129342	4000	GR21	2016-09-12	128.7
152661	4000	GR2A	2016-07-27	131.3
276259	4000	GR2A	2016-07-27	142.9
217349	4000	GR2B	2020-02-17	132.0
65101	4000	GR30	2016-09-12	129.2
97719	4000	GR30	2016-09-12	146.8
68943	4000	GR30	2022-03-16	158.0
69004	4000	GR30	2022-03-16	126.5
97620	4000	GR30	2022-03-16	143.4
144205	4000	GR30	2022-03-16	128.9
144268	4000	GR30	2022-03-16	153.2
151888	4000	GR30	2022-03-16	135.0
158990	4000	GR30	2022-03-16	145.8
171639	4000	GR30	2022-03-16	135.6
171643	4000	GR30	2022-03-16	127.6
171870	4000	GR30	2022-03-16	133.8
640787	4000	GR32	2016-08-24	126.7
670407	4000	GR4	2015-07-23	128.7
94452	4000	GR5	2022-01-13	135.1
145009	4000	GR70	2016-02-17	163.0
148979	4000	GR78	2016-08-24	138.8
152830	4000	GR78	2016-08-24	135.3
153609	4000	MC2	2015-06-22	237.2
351973	4000	SA443	2016-08-26	129.8
250062	4000	SR1A	2016-08-10	152.9
462301	4000	SR4	2014-06-03	130.2
703193	4000	SR4	2014-07-03	130.2
602555	4000	SR4	2015-01-27	132.4
212592	4000	SR5	2015-06-23	126.9

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
482033	4000	SR6A	2016-07-29	146.2
771718	4000	SR7	2015-01-27	129.8
405324	4000	SR7A	2016-07-29	128.1
447886	4000	SR7A	2016-07-29	126.9
70050	4000	SR8	2015-01-27	146.5
98378	4000	SR8	2015-01-27	134.2
145627	4000	SR8	2015-01-27	128.5
154986	4000	SR8	2015-01-27	130.0
162038	4000	SR8	2015-01-27	137.5
98332	4000	SR8	2015-06-23	130.7
145633	4000	SR8	2016-12-28	174.5
43616	4000	SR86	2016-08-17	131.6
74374	4000	SR86	2016-08-17	133.0
622548	4000	TR220	2016-02-29	135.2
398123	4000	TR3A	2014-06-04	137.2
726903	4000	W22GR14	2022-01-13	130.3
749277	4000	W22GR14	2022-01-13	129.3
772016	4000	W22GR14	2022-01-13	130.5
493565	4000	W23SR1	2022-11-22	136.9
678921	4000	W23SR12	2023-01-19	134.9
702774	4000	W23SR12	2023-01-19	131.3
273873	4000	W23SR13	2023-01-05	132.1
410349	4000	W23SR13	2023-01-05	149.7
534071	4000	W23SR16	2023-01-17	138.7
584881	4000	W23SR16	2023-01-17	131.2
165100	4000	W23SR4	2023-01-16	133.4
165141	4000	W23SR4	2023-01-16	139.0
274008	4000	W23SR5	2023-01-16	127.7
274016	4000	W23SR5	2023-01-16	145.0
274648	4000	W23SR5	2023-01-16	133.6
311457	4000	W23SR5	2023-01-16	152.6
464510	4000	W23SR5	2023-01-16	130.1
464530	4000	W23SR5	2023-01-16	137.8
478599	4000	W23SR5	2023-01-16	138.4
750096	4000	W23SR6	2023-01-04	130.2
772636	4000	W23SR6	2023-01-04	132.8
774951	4000	W23SR6	2023-01-04	129.6
774956	4000	W23SR6	2023-01-04	139.3
204759	4000	W23SR8	2023-01-05	135.0
326868	5017	B1 NEW	2016-06-02	139.5
203785	5017	B2	2016-05-31	126.9
204896	5017	B2	2016-05-31	149.3
206216	5017	B2	2016-05-31	129.5
221045	5017	B2	2016-05-31	142.3
680642	5017	B5	2016-06-28	164.3
377618	5017	MLC3	2015-05-30	865.0
615465	5017	MLC5	2015-06-10	367.0
625557	5017	MLC5	2015-06-10	344.0
37621	5017	MLC7	2015-05-31	136.0

Programs containing flagged data:



*4000* - Guana Tolomato Matanzas NERR Oyster monitoring

*5017* - Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment

## Shell Height(0.1)

Table 23: Flagged Values - High Indicator Quantile: **79.941**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
106284	5063	285	2016-11-15	80
225729	5063	286	2016-11-15	84

### Programs containing flagged data:

*5063* - Distribution and Condition of Intertidal Eastern Oyster (*Crassostrea virginica*) Reefs in Apalachicola Bay Florida Based on High-Resolution Satellite Imagery

# Shell Height(0.25)

Table 24: Flagged Values - High Indicator Quantile: **106**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
822890	4014	NWF_37_1	2008-07-18	110.00
684497	4014	NWF_39_1	2008-07-24	115.00
275306	4014	NWF_50_1	2008-07-25	110.00
284705	4014	NWF_52_1	2008-07-25	110.00
449262	4014	NWF_56_4	2013-07-02	116.00
229604	4014	NWF_76_1	2008-08-15	110.00
380479	4014	NWF_77_2	2013-07-15	110.00
191024	4014	NWF_79_2	2013-07-15	115.00
659280	4014	SWF_01_2	2008-07-01	130.00
96105	4014	SWF_02_3	2008-07-01	110.00
683886	4014	SWF_06_3	2008-07-02	110.00
1015	4014	SWF_19_1	2008-07-10	150.00
37985	4014	SWF_23_1	2013-08-15	110.00
191048	4014	SWF_25_1	2013-07-29	118.00
705452	4014	SWF_25_2	2013-07-29	125.00
39726	4014	SWF_27_1	2008-07-10	115.00
689373	4014	SWF_28_1	2008-07-11	130.00
714041	4014	SWF_28_1	2008-07-11	115.00
803397	4014	SWF_29_1	2008-07-11	110.00
76355	4014	SWF_33_1	2008-07-11	110.00
47038	4014	SWF_35_1	2008-07-11	110.00
359651	4044	NRDA_APA-CL-MP1	2023-06-26	109.00
490669	4044	NRDA_APA-CP-MP1	2017-04-18	112.00
666267	4044	NRDA_APA-CP-MP1	2017-04-18	107.00
666374	4044	NRDA_APA-CP-MP1	2017-04-18	115.00
702813	4044	NRDA_APA-CP-MP1	2017-04-18	125.00
683944	4044	NRDA_APA-CT-MP1	2018-04-02	110.00
394077	4044	NRDA_APA-CT-MP2	2017-06-30	128.00
578244	4044	NRDA_APA-CT-MP2	2017-06-30	113.00
777326	4044	NRDA_APA-LH-MP1	2017-06-09	107.00
794398	4044	NRDA_APA-LH-MP1	2018-03-15	111.00
524648	4044	NRDA_APA-LH-MP1	2023-08-09	109.00
777295	4044	NRDA_APA-LH-MP1	2023-08-09	133.00
778074	4044	NRDA_APA-LH-MP1	2023-08-09	113.00
780008	4044	NRDA_APA-LH-MP1	2023-08-09	109.00
780171	4044	NRDA_APA-LH-MP1	2023-08-09	119.00
781609	4044	NRDA_APA-LH-MP1	2023-08-09	107.00
794558	4044	NRDA_APA-LH-MP1	2023-08-09	126.00
794616	4044	NRDA_APA-LH-MP1	2023-08-09	120.00
794773	4044	NRDA_APA-LH-MP1	2023-08-09	114.00
815939	4044	NRDA_APA-LH-MP1	2023-08-09	134.00
817734	4044	NRDA_APA-LH-MP1	2023-08-09	107.00
819378	4044	NRDA_APA-LH-MP1	2023-08-09	147.00
819434	4044	NRDA_APA-LH-MP1	2023-08-09	125.00
665417	4044	NRDA_APA-NBN-MP1	2021-12-02	109.00
397030	4044	NRDA_APA-NBN-MP1	2023-08-09	110.00
440153	4044	NRDA_APA-NBN-MP1	2023-08-09	109.00
487439	4044	NRDA_APA-RC1-MP1	2018-03-05	108.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
766148	4044	NRDA_APA-RC1-MP1	2023-06-26	109.00
70110	4044	NRDA_APA-RC2-MP1	2017-07-05	138.00
101437	4044	NRDA_APA-RC2-MP1	2017-07-05	110.00
40413	4044	NRDA_APA-RC2-MP1	2023-06-26	110.00
79218	4044	NRDA_APA-RC2-MP1	2023-06-26	110.00
101439	4044	NRDA_APA-RC2-MP1	2023-06-26	109.00
116224	4044	NRDA_APA-RC2-MP1	2023-06-26	108.00
122573	4044	NRDA_APA-RC2-MP1	2023-06-26	120.00
662148	5007	R-CP-MP1	2021-04-14	107.00
9670	5007	R-CPS-MP1	2021-06-17	108.00
170855	5007	R-CPS-MP2	2021-06-17	118.00
475161	5007	R-ME-MP1	2021-06-04	108.00
589192	5007	R-ME-MP2	2021-06-04	112.00
747780	5007	R-PR-MP1	2021-06-24	120.00
747859	5007	R-PR-MP1	2021-06-24	129.00
760984	5007	R-PR-MP1	2021-06-24	143.00
474822	5007	R-PR-MP2	2021-06-24	116.00
276974	5007	R-SB-MP1	2021-06-04	108.00
292047	5007	R-SB-MP1	2021-06-04	112.00
658751	5070	Inshore 1	2016-07-25	108.47
739996	5070	Inshore 1	2016-07-25	108.47
445107	5070	Inshore 4	2016-07-25	110.25
686992	5070	Inshore 4	2016-07-25	110.25
713090	5070	Inshore 4	2016-07-25	109.16
713836	5070	Inshore 4	2016-07-25	109.16
13530	5074	Homo_18	2018-03-22	107.00
216831	5074	Homo_21	2018-03-28	107.00
231115	5074	Homo_21	2018-03-28	112.00
793067	10002	Bulkhead Plant	1989-04-21	135.00
793223	10002	Bulkhead Plant	1989-04-21	110.00
828355	10002	Bulkhead Plant	1989-04-21	110.00
278652	10002	Cabbage Lump	1984-06-14	110.00
278653	10002	Cabbage Lump	1984-06-14	130.00
420679	10002	Cabbage Lump	1984-06-14	120.00
453330	10002	Cabbage Lump	1984-06-14	130.00
453487	10002	Cabbage Lump	1984-06-14	160.00
454184	10002	Cabbage Lump	1989-09-05	110.00
501560	10002	Cabbage Lump	1992-07-13	115.00
280187	10002	Cabbage Lump	1992-09-15	110.00
478418	10002	Cabbage Lump	1992-09-15	125.00
492764	10002	Cabbage Lump	1992-09-15	110.00
37577	10002	Cat Plant	1991-06-18	110.00
50969	10002	Cat Plant	1991-06-18	115.00
13140	10002	Cat Plant	1992-06-23	110.00
14144	10002	Cat Plant	1992-06-23	115.00
14496	10002	Cat Plant	1992-06-23	110.00
23642	10002	Cat Plant	1992-06-23	115.00
23800	10002	Cat Plant	1992-06-23	150.00
38444	10002	Cat Plant	1992-06-23	110.00
39174	10002	Cat Plant	1992-06-23	110.00
41095	10002	Cat Plant	1992-06-23	115.00
41125	10002	Cat Plant	1992-06-23	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
41139	10002	Cat Plant	1992-06-23	110.00
42519	10002	Cat Plant	1992-06-23	150.00
42675	10002	Cat Plant	1992-06-23	110.00
46106	10002	Cat Plant	1992-06-23	110.00
47490	10002	Cat Plant	1992-06-23	125.00
47700	10002	Cat Plant	1992-06-23	115.00
49567	10002	Cat Plant	1992-06-23	125.00
13435	10002	Cat Plant	1993-06-22	120.00
13727	10002	Cat Plant	1993-06-22	110.00
42494	10002	Cat Plant	1993-06-22	115.00
42548	10002	Cat Plant	1993-06-22	110.00
438499	10002	Cat Point	1988-06-07	120.00
460257	10002	Cat Point	1988-06-07	110.00
460283	10002	Cat Point	1988-06-07	110.00
509672	10002	Cat Point	1990-06-14	110.00
484038	10002	Cat Point	1990-09-18	120.00
510384	10002	Cat Point	1990-09-18	125.00
284214	10002	Cat Point	1991-06-18	110.00
426403	10002	Cat Point	1991-06-18	110.00
486243	10002	Cat Point	1991-11-26	110.00
569651	10002	Cat Point	1993-04-29	110.00
10170	10002	Cat Relay	1992-06-23	135.00
13296	10002	Cat Relay	1992-06-23	110.00
21993	10002	Cat Relay	1992-06-23	110.00
39863	10002	Cat Relay	1992-06-23	110.00
48926	10002	Cat Relay	1992-06-23	120.00
717008	10002	Dry Bar	1982-09-01	110.00
728107	10002	Dry Bar	1982-09-01	110.00
743406	10002	Dry Bar	1982-09-01	110.00
529349	10002	Dry Bar	1992-11-23	125.00
731619	10002	Dry Bar	1992-11-23	115.00
769366	10002	Dry Bar	1992-11-23	120.00
529895	10002	Dry Bar	1993-06-03	110.00
706514	10002	Dry Bar	1993-06-03	110.00
718198	10002	Dry Bar	1993-06-03	110.00
718426	10002	Dry Bar	1993-06-03	120.00
630363	10002	Dry Com	1992-11-23	115.00
665761	10002	Dry Com	1992-11-23	125.00
677753	10002	Dry Com	1992-11-23	120.00
124700	10002	Dry Plant	1990-09-19	110.00
649422	10002	Dry Plant / North Spur Plant	1985-09-12	115.00
389441	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
420933	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
568102	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
654428	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
654765	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
654767	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
673120	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
673538	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
673732	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
385641	10002	Dry Plant / North Spur Plant	1985-11-06	110.00
568724	10002	Dry Plant / North Spur Plant	1986-01-07	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
654729	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
671734	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
568532	10002	Dry Plant / North Spur Plant	1986-09-25	110.00
673589	10002	Dry Plant / North Spur Plant	1987-09-10	120.00
673574	10002	Dry Plant / North Spur Plant	1988-06-09	120.00
380002	10002	Dry Plant / North Spur Plant	1989-06-14	115.00
620403	10002	Dry Plant / North Spur Plant	1989-09-07	120.00
527005	10002	East Hole	1988-06-08	120.00
495201	10002	East Hole	1989-09-06	120.00
307990	10002	East Hole	1993-06-02	110.00
307995	10002	East Hole	1993-06-02	110.00
440928	10002	East Hole	1993-06-02	130.00
487722	10002	East Hole	1993-06-02	110.00
526668	10002	East Hole	1993-06-02	115.00
529520	10002	East Hole	1993-06-02	110.00
391583	10002	Green Point Plant	1984-06-12	110.00
426309	10002	Green Point Plant	1984-06-12	130.00
570655	10002	Green Point Plant	1984-06-12	120.00
624380	10002	Green Point Plant	1984-06-12	110.00
628130	10002	Green Point Plant	1984-06-12	120.00
656767	10002	Green Point Plant	1984-06-12	110.00
657191	10002	Green Point Plant	1984-06-12	110.00
679226	10002	Green Point Plant	1984-06-12	110.00
625533	10002	Green Point Plant	1985-05-31	120.00
649927	10002	Green Point Plant	1985-05-31	125.00
650741	10002	Green Point Plant	1985-05-31	110.00
654692	10002	Green Point Plant	1985-05-31	110.00
567805	10002	Green Point Plant	1985-09-04	110.00
659296	10002	Green Point Plant	1986-04-30	110.00
677527	10002	Green Point Plant	1986-04-30	110.00
655360	10002	Green Point Plant	1986-08-01	115.00
628058	10002	Green Point Plant	1987-09-09	115.00
661458	10002	Green Point Plant	1987-09-09	115.00
629773	10002	Green Point Plant	1989-09-07	120.00
674720	10002	Green Point Plant	1990-09-18	110.00
424795	10002	Green Point Plant	1991-09-18	110.00
658356	10002	Green Point Plant	1992-07-13	125.00
657989	10002	Green Point Plant	1992-09-15	110.00
49012	10002	Lighthouse Bar	1987-06-04	115.00
50209	10002	Lighthouse Bar	1987-06-04	115.00
53282	10002	Lighthouse Bar	1987-06-04	110.00
58191	10002	Lighthouse Bar	1987-06-04	110.00
58371	10002	Lighthouse Bar	1987-06-04	120.00
107764	10002	Lighthouse Bar	1987-06-04	115.00
108249	10002	Lighthouse Bar	1987-06-04	115.00
133674	10002	Lighthouse Bar	1987-06-04	130.00
139447	10002	Lighthouse Bar	1987-06-04	120.00
146634	10002	Lighthouse Bar	1987-06-04	110.00
148477	10002	Lighthouse Bar	1987-06-04	115.00
156018	10002	Lighthouse Bar	1987-06-04	110.00
48969	10002	Lighthouse Bar	1987-10-15	110.00
126166	10002	Lighthouse Bar	1987-10-15	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
146328	10002	Lighthouse Bar	1987-10-15	110.00
78864	10002	Lighthouse Bar	1988-06-07	135.00
79254	10002	Lighthouse Bar	1988-06-07	120.00
99248	10002	Lighthouse Bar	1988-06-07	110.00
108248	10002	Lighthouse Bar	1988-06-07	135.00
133672	10002	Lighthouse Bar	1988-06-07	120.00
137904	10002	Lighthouse Bar	1988-06-07	115.00
146736	10002	Lighthouse Bar	1988-06-07	135.00
51593	10002	Lighthouse Bar	1989-06-13	115.00
53362	10002	Lighthouse Bar	1989-06-13	125.00
58886	10002	Lighthouse Bar	1989-06-13	120.00
85555	10002	Lighthouse Bar	1989-06-13	135.00
98686	10002	Lighthouse Bar	1989-06-13	110.00
119080	10002	Lighthouse Bar	1989-06-13	110.00
140728	10002	Lighthouse Bar	1989-06-13	120.00
155944	10002	Lighthouse Bar	1989-06-13	110.00
127342	10002	Lighthouse Bar	1990-06-12	125.00
148408	10002	Lighthouse Bar	1990-06-12	140.00
138297	10002	Lighthouse Bar	1990-09-20	110.00
51694	10002	Lighthouse Bar	1992-06-22	110.00
61119	10002	Lighthouse Bar	1992-06-22	120.00
81512	10002	Lighthouse Bar	1992-06-22	110.00
119294	10002	Lighthouse Bar	1992-06-22	110.00
120696	10002	Lighthouse Bar	1992-06-22	115.00
120715	10002	Lighthouse Bar	1992-06-22	110.00
121854	10002	Lighthouse Bar	1992-06-22	110.00
131613	10002	Lighthouse Bar	1992-06-22	110.00
140127	10002	Lighthouse Bar	1992-06-22	110.00
140851	10002	Lighthouse Bar	1992-06-22	110.00
146349	10002	Lighthouse Bar	1992-06-22	110.00
159775	10002	Lighthouse Bar	1992-06-22	110.00
162367	10002	Lighthouse Bar	1992-06-22	115.00
162509	10002	Lighthouse Bar	1992-06-22	115.00
354354	10002	Norman's Lump	1982-09-01	115.00
411416	10002	Norman's Lump	1982-12-01	110.00
390822	10002	Norman's Lump	1983-06-01	115.00
433633	10002	Norman's Lump	1983-06-01	115.00
281080	10002	Norman's Lump	1984-06-01	110.00
389699	10002	Norman's Lump	1984-09-01	120.00
435039	10002	Norman's Lump	1984-09-01	110.00
236708	10002	Norman's Lump	1986-06-05	110.00
434293	10002	Norman's Lump	1986-06-05	110.00
411525	10002	Norman's Lump	1986-09-23	115.00
352052	10002	Norman's Lump	1987-06-04	110.00
353193	10002	Norman's Lump	1987-06-04	125.00
389331	10002	Norman's Lump	1987-06-04	110.00
433365	10002	Norman's Lump	1987-06-04	115.00
279530	10002	Norman's Lump	1987-10-15	110.00
354106	10002	Norman's Lump	1987-10-15	110.00
431115	10002	Norman's Lump	1987-10-15	110.00
237527	10002	Norman's Lump	1988-06-07	110.00
432428	10002	Norman's Lump	1988-06-07	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
354149	10002	Norman's Lump	1989-06-13	140.00
237613	10002	Norman's Lump	1990-06-11	110.00
281086	10002	Norman's Lump	1990-06-11	110.00
375569	10002	Norman's Lump South	1991-06-18	110.00
376089	10002	Norman's Lump South	1991-06-18	110.00
516459	10002	Norman's Lump South	1991-06-18	135.00
576069	10002	Norman's Lump South	1991-06-18	115.00
581646	10002	Norman's Lump South	1991-06-18	110.00
592369	10002	Norman's Lump South	1991-06-18	120.00
603128	10002	Norman's Lump South	1991-06-18	110.00
622895	10002	Norman's Lump South	1991-06-18	110.00
623033	10002	Norman's Lump South	1991-06-18	110.00
625564	10002	Norman's Lump South	1991-06-18	115.00
625634	10002	Norman's Lump South	1991-06-18	110.00
347021	10002	Norman's Lump South	1992-06-22	115.00
347246	10002	Norman's Lump South	1992-06-22	120.00
581725	10002	Norman's Lump South	1992-06-22	110.00
603380	10002	Norman's Lump South	1992-06-22	115.00
604567	10002	Norman's Lump South	1992-06-22	115.00
347647	10002	Norman's Lump South	1993-06-11	110.00
378350	10002	Norman's Lump South	1993-06-11	110.00
575103	10002	Norman's Lump South	1993-06-11	115.00
592254	10002	Norman's Lump South	1993-06-11	110.00
625639	10002	Norman's Lump South	1993-06-11	110.00
625868	10002	Norman's Lump South	1993-06-11	110.00
580940	10002	Norman's South	1993-06-16	110.00
597844	10002	Norman's South	1993-06-16	120.00
600586	10002	Norman's South	1993-06-16	110.00
803634	10002	Norman's South	1993-06-16	110.00
815433	10002	Norman's South	1993-06-16	110.00
827629	10002	Norman's South	1993-06-16	110.00
829761	10002	Norman's South	1993-06-16	115.00
91781	10002	Paradise Flats	1985-09-12	110.00
91858	10002	Paradise Flats	1985-09-12	120.00
133908	10002	Paradise Flats	1985-11-06	115.00
59475	10002	Paradise Flats	1986-01-07	115.00
91816	10002	Paradise Flats	1986-01-07	115.00
120066	10002	Paradise Flats	1986-01-07	115.00
120095	10002	Paradise Flats	1986-01-07	115.00
145523	10002	Paradise Flats	1986-01-07	115.00
165996	10002	Paradise Flats	1986-01-07	120.00
59540	10002	Paradise Flats	1986-04-30	110.00
63167	10002	Paradise Flats	1986-04-30	110.00
91783	10002	Paradise Flats	1986-04-30	110.00
91857	10002	Paradise Flats	1986-04-30	120.00
120004	10002	Paradise Flats	1986-04-30	110.00
120007	10002	Paradise Flats	1986-04-30	125.00
120022	10002	Paradise Flats	1986-04-30	110.00
120065	10002	Paradise Flats	1986-04-30	125.00
120100	10002	Paradise Flats	1986-04-30	110.00
120278	10002	Paradise Flats	1986-04-30	110.00
133909	10002	Paradise Flats	1986-04-30	110.00



RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
133914	10002	Paradise Flats	1986-04-30	115.00
133952	10002	Paradise Flats	1986-04-30	110.00
133955	10002	Paradise Flats	1986-04-30	110.00
133956	10002	Paradise Flats	1986-04-30	110.00
145611	10002	Paradise Flats	1986-04-30	110.00
145612	10002	Paradise Flats	1986-04-30	110.00
145620	10002	Paradise Flats	1986-04-30	110.00
154166	10002	Paradise Flats	1986-04-30	120.00
154262	10002	Paradise Flats	1986-04-30	130.00
154263	10002	Paradise Flats	1986-04-30	120.00
154282	10002	Paradise Flats	1986-04-30	110.00
165997	10002	Paradise Flats	1986-04-30	110.00
166001	10002	Paradise Flats	1986-04-30	120.00
59494	10002	Paradise Flats	1986-07-31	150.00
60395	10002	Paradise Flats	1986-07-31	110.00
63121	10002	Paradise Flats	1986-07-31	170.00
63164	10002	Paradise Flats	1986-07-31	110.00
134011	10002	Paradise Flats	1986-07-31	110.00
154221	10002	Paradise Flats	1986-07-31	130.00
166004	10002	Paradise Flats	1986-07-31	115.00
60351	10002	Paradise Flats	1986-09-24	110.00
63174	10002	Paradise Flats	1986-09-24	120.00
91995	10002	Paradise Flats	1986-09-24	140.00
134141	10002	Paradise Flats	1986-09-24	115.00
145693	10002	Paradise Flats	1986-09-24	115.00
154328	10002	Paradise Flats	1986-09-24	120.00
59571	10002	Paradise Flats	1987-09-10	110.00
92058	10002	Paradise Flats	1987-09-10	110.00
60403	10002	Paradise Flats	1988-09-27	120.00
63864	10002	Paradise Flats	1989-09-05	110.00
143697	10002	Platform Bar	1982-09-01	120.00
144431	10002	Platform Bar	1982-09-01	145.00
183017	10002	Platform Bar	1982-09-01	110.00
227708	10002	Platform Bar	1982-09-01	110.00
228524	10002	Platform Bar	1982-09-01	120.00
254049	10002	Platform Bar	1982-09-01	110.00
260794	10002	Platform Bar	1982-09-01	130.00
261609	10002	Platform Bar	1982-09-01	110.00
262317	10002	Platform Bar	1982-09-01	120.00
143657	10002	Platform Bar	1982-12-01	110.00
182984	10002	Platform Bar	1982-12-01	125.00
228332	10002	Platform Bar	1982-12-01	110.00
228847	10002	Platform Bar	1982-12-01	115.00
254002	10002	Platform Bar	1982-12-01	115.00
150209	10002	Platform Bar	1983-06-01	115.00
182890	10002	Platform Bar	1983-06-01	110.00
139801	10002	Platform Bar	1984-06-01	120.00
184792	10002	Platform Bar	1984-06-01	115.00
230183	10002	Platform Bar	1984-06-01	110.00
255360	10002	Platform Bar	1984-06-01	110.00
258685	10002	Platform Bar	1984-06-01	120.00
267800	10002	Platform Bar	1984-06-01	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
130529	10002	Platform Bar	1984-12-01	115.00
131044	10002	Platform Bar	1984-12-01	110.00
149716	10002	Platform Bar	1984-12-01	110.00
263970	10002	Platform Bar	1984-12-01	120.00
131526	10002	Platform Bar	1985-05-29	110.00
131644	10002	Platform Bar	1985-05-29	130.00
131677	10002	Platform Bar	1985-05-29	110.00
131733	10002	Platform Bar	1985-05-29	110.00
136525	10002	Platform Bar	1985-05-29	125.00
138072	10002	Platform Bar	1985-05-29	120.00
139830	10002	Platform Bar	1985-05-29	110.00
148068	10002	Platform Bar	1985-05-29	125.00
148072	10002	Platform Bar	1985-05-29	110.00
148278	10002	Platform Bar	1985-05-29	120.00
148342	10002	Platform Bar	1985-05-29	110.00
148353	10002	Platform Bar	1985-05-29	110.00
148504	10002	Platform Bar	1985-05-29	110.00
150422	10002	Platform Bar	1985-05-29	115.00
186030	10002	Platform Bar	1985-05-29	110.00
186277	10002	Platform Bar	1985-05-29	115.00
187832	10002	Platform Bar	1985-05-29	125.00
230773	10002	Platform Bar	1985-05-29	110.00
231276	10002	Platform Bar	1985-05-29	110.00
231338	10002	Platform Bar	1985-05-29	120.00
231370	10002	Platform Bar	1985-05-29	130.00
231672	10002	Platform Bar	1985-05-29	110.00
232772	10002	Platform Bar	1985-05-29	110.00
247221	10002	Platform Bar	1985-05-29	110.00
247850	10002	Platform Bar	1985-05-29	110.00
248111	10002	Platform Bar	1985-05-29	110.00
248306	10002	Platform Bar	1985-05-29	110.00
249173	10002	Platform Bar	1985-05-29	120.00
250720	10002	Platform Bar	1985-05-29	110.00
251384	10002	Platform Bar	1985-05-29	115.00
256292	10002	Platform Bar	1985-05-29	110.00
257133	10002	Platform Bar	1985-05-29	120.00
257174	10002	Platform Bar	1985-05-29	110.00
257235	10002	Platform Bar	1985-05-29	120.00
257236	10002	Platform Bar	1985-05-29	130.00
257237	10002	Platform Bar	1985-05-29	120.00
257341	10002	Platform Bar	1985-05-29	115.00
257342	10002	Platform Bar	1985-05-29	110.00
257381	10002	Platform Bar	1985-05-29	115.00
257526	10002	Platform Bar	1985-05-29	110.00
257925	10002	Platform Bar	1985-05-29	125.00
257927	10002	Platform Bar	1985-05-29	125.00
257955	10002	Platform Bar	1985-05-29	110.00
257956	10002	Platform Bar	1985-05-29	120.00
258593	10002	Platform Bar	1985-05-29	110.00
260237	10002	Platform Bar	1985-05-29	115.00
266904	10002	Platform Bar	1985-05-29	125.00
149895	10002	Platform Bar	1987-09-09	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
186995	10002	Platform Bar	1987-09-09	110.00
258216	10002	Platform Bar	1987-09-09	120.00
266986	10002	Platform Bar	1987-09-09	120.00
268815	10002	Platform Bar	1987-09-09	120.00
138542	10002	Platform Bar	1988-06-07	110.00
231608	10002	Platform Bar	1988-06-07	110.00
248950	10002	Platform Bar	1988-06-07	120.00
267194	10002	Platform Bar	1988-06-07	110.00
250765	10002	Platform Bar	1988-09-29	110.00
225291	10002	Platform Bar	1989-09-06	130.00
141815	10002	Platform Bar	1990-06-14	110.00
27635	10002	Platform Bar East	1991-06-19	110.00
85430	10002	Platform Bar East	1991-06-19	110.00
758565	10002	Porters Bar	1992-09-03	110.00

**Programs containing flagged data:**

*4014* - Loxahatchee River Oyster Mapping and Recruitment

*4044* - NRDA Oyster Cultch Recovery Project

*5007* - RESTORE Oyster Cultch Recovery

*5070* - Prehistoric baseline reveals substantial decline of oyster reef condition in a Gulf of Mexico conservation priority area - modern oyster data

*5074* - Assessment of Oysters and Barnacles Along the Chassahowitzka, Homosassa, and Lower Withlacoochee River Systems

*10002* - Apalachicola Bay Oyster Size Class Monitoring

### Shell Height(0.33)

Table 25: Flagged Values - High Indicator Quantile: **76.32086**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
165477	4042	222c	2014-11-11	76.64

### Programs containing flagged data:

4042 - Estero Bay Oyster Monitoring

## Shell Height(1)

Table 26: Flagged Values - High Indicator Quantile: **114.37**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
193297	5073	FLAN60-E0804-T3410007-01Q	2014-08-04	133

## Programs containing flagged data:

*5073* - Deepwater Horizon NRDA Oyster Technical Working Group Oyster Quadrat Abundance Sampling