

Oyster/Oyster Reef Indicator Quantile Report

SEACAR Analysis

Last compiled on 12 June, 2025

Contents

Overview	2
Purpose	2
Relevant file locations	2
Process steps	2
Summary	3
Summary Tables	4
Low Quantile	6
Indicator: Density	6
Indicator: Percent Live	6
Indicator: Size Class	6
Shell Height(NA)	6
Shell Height(0.0625)	8
Shell Height(0.1)	11
Shell Height(0.25)	12
Shell Height(0.33)	18
High Quantile	20
Indicator: Density	20
Number of Oysters Counted - Dead(0.0625)	20
Number of Oysters Counted - Dead(0.1)	21
Number of Oysters Counted - Dead(0.25)	22
Number of Oysters Counted - Dead(1)	23
Number of Oysters Counted - Live(0.0625)	24
Number of Oysters Counted - Live(0.1)	25
Number of Oysters Counted - Live(0.25)	26
Number of Oysters Counted - Live(1)	27
Number of Oysters Counted - Total(0.0625)	28
Number of Oysters Counted - Total(0.1)	29
Number of Oysters Counted - Total(0.25)	30
Number of Oysters Counted - Total(1)	31
Indicator: Percent Live	32
Indicator: Size Class	32
Shell Height(NA)	32
Shell Height(0.0625)	33
Shell Height(0.1)	36
Shell Height(0.25)	37
Shell Height(0.33)	47
Shell Height(1)	48

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-2025-Jun-06.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	5446.30	457.95	11735	0	0	0.00
Number of Oysters Counted - Dead					0	0	0	
Number of Oysters Counted - Dead	0.06	0	100.97	24.00	678	0	1	0.15
Number of Oysters Counted - Dead	0.10	0	67.61	6.34	172	0	1	0.58
Number of Oysters Counted - Dead	0.25	0	130.99	9.35	8012	0	9	0.11
Number of Oysters Counted - Dead	1.00	0	594.10	20.34	437	0	1	0.23
Number of Oysters Counted - Live					0	0	0	
Number of Oysters Counted - Live	0.06	0	243.95	39.88	3019	0	4	0.13
Number of Oysters Counted - Live	0.10	0	262.73	20.45	172	0	1	0.58
Number of Oysters Counted - Live	0.25	0	543.36	36.50	8160	0	9	0.11
Number of Oysters Counted - Live	1.00	0	742.31	24.94	683	0	1	0.15
Number of Oysters Counted - Total					0	0	0	
Number of Oysters Counted - Total	0.06	0	527.92	65.01	2006	0	3	0.15
Number of Oysters Counted - Total	0.10	0	288.15	26.79	172	0	1	0.58
Number of Oysters Counted - Total	0.25	0	748.88	47.24	8016	0	9	0.11
Number of Oysters Counted - Total	1.00	0	1418.90	85.32	301	0	1	0.33
Reef Height		0	15862.00	895.50	1596	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	50.57	12465	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		8.15	134.64	40.35	30982	31	31	0.20
Shell Height	0.06	1.70	125.10	36.63	137174	127	137	0.19
Shell Height	0.10	4.10	79.90	24.64	1097	2	2	0.36

ParameterName	QuadSize m2	q low	q high	mean	n tot	n q low	n q high	pct flagged
Shell Height	0.25	2.00	105.00	36.73	493739	297	463	0.15
Shell Height	0.33	11.56	76.32	37.05	592	1	1	0.34
Shell Height	1.00	0.00	112.41	29.54	2531	0	3	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: **8.14829**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
196668	5035	8848	2018-10-02 21:21:56	7.51
337931	5035	8848	2018-10-02 21:21:56	8.02
337946	5035	8848	2018-10-02 21:21:56	6.58
581063	5035	8848	2018-10-02 21:21:56	8.06
645048	5035	8848	2018-10-02 21:21:56	7.42
645061	5035	8848	2018-10-02 21:21:56	4.47
693340	5035	8848	2018-10-02 21:21:56	7.17
698138	5035	8848	2018-10-02 21:21:56	7.93
749168	5035	8848	2018-10-02 21:21:56	6.86
400813	5035	8876	2018-10-29 14:09:53	8.00
438453	5035	8876	2018-10-29 14:09:53	7.00
438454	5035	8876	2018-10-29 14:09:53	8.00
557519	5035	8876	2018-10-29 14:09:53	4.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
176781	5035	8877	2018-10-29 14:14:56	4.00
339913	5035	8877	2018-10-29 14:14:56	7.00
339914	5035	8877	2018-10-29 14:14:56	6.00
387008	5035	8877	2018-10-29 14:14:56	7.00
2019	5035	8878	2018-10-29 14:11:27	6.00
2027	5035	8878	2018-10-29 14:11:27	7.00
5980	5035	8878	2018-10-29 14:11:27	6.00
5999	5035	8878	2018-10-29 14:11:27	8.00
11679	5035	8878	2018-10-29 14:11:27	7.00
41106	5035	8878	2018-10-29 14:11:27	8.00
773804	5035	8879	2018-10-29 16:10:51	8.00
265225	5035	8881	2018-10-29 16:12:45	8.00
265227	5035	8881	2018-10-29 16:12:45	7.00
900987	5035	8881	2018-10-29 16:12:45	7.00
73755	5035	8882	2018-10-29 18:16:46	8.00
291629	5035	8892	2018-10-04 22:15:47	7.70
338788	5035	8905	2018-10-03 21:43:38	7.55
851868	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
562740	4000	BU3	2020-02-14	1.00
956917	4000	BU3	2020-02-14	1.00
956951	4000	BU3	2020-02-14	1.00
969513	4000	BU3	2020-02-14	1.00
246588	4000	GR101	2016-07-08	1.40
434867	4000	GR101	2016-07-08	1.40
678190	4000	GR101	2016-07-08	1.40
678218	4000	GR101	2016-07-08	1.00
730753	4000	GR101	2016-07-08	1.00
833647	4000	GR101	2016-07-08	1.10
521890	4000	GR102	2016-07-27	1.50
521893	4000	GR102	2016-07-27	1.60
402017	4000	GR250	2015-12-10	1.50
483597	4000	GR5A	2016-09-07	1.50
483623	4000	GR5A	2016-09-07	1.40
698661	4000	GR5A	2016-09-07	0.70
864768	4000	GR5A	2016-09-07	0.70
887937	4000	GR5A	2016-09-07	1.50
887981	4000	GR5A	2016-09-07	1.00
907921	4000	GR5A	2016-09-07	1.10
907939	4000	GR5A	2016-09-07	1.20
907951	4000	GR5A	2016-09-07	1.30
924292	4000	GR5A	2016-09-07	1.40
116908	4000	GR65	2016-09-07	1.40
235236	4000	GR65	2016-09-07	1.40
528068	4000	GR65	2016-09-07	1.30
544346	4000	GR65	2016-09-07	1.60
579806	4000	GR65	2016-09-07	1.50
584698	4000	GR65	2016-09-07	1.40
584936	4000	GR65	2016-09-07	1.40
584951	4000	GR65	2016-09-07	1.30
711027	4000	GR65	2016-09-07	1.20
859279	4000	GR73	2016-09-06	1.60
244016	4000	SA295	2016-09-09	1.60
244041	4000	SA295	2016-09-09	1.60
657928	4000	SA295	2016-09-09	1.10
824807	4000	SA295	2016-09-09	1.60
884460	4000	SA295	2016-09-09	1.50
475745	4000	SA395	2016-09-09	1.60
753140	4000	SR41	2016-08-17	1.30
246656	4000	SR70	2016-07-12	1.10
246658	4000	SR70	2016-07-12	1.30
434954	4000	SR70	2016-07-12	1.20
833719	4000	SR70	2016-07-12	1.30
885666	4000	SR70	2016-07-12	1.20
885671	4000	SR70	2016-07-12	0.70
885673	4000	SR70	2016-07-12	1.00
828360	4000	SR71	2016-07-13	1.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
833442	4000	SR71	2016-07-13	1.30
833452	4000	SR71	2016-07-13	1.20
873174	4000	SR71	2016-07-13	1.40
885407	4000	SR71	2016-07-13	1.00
885432	4000	SR71	2016-07-13	0.90
237331	4000	SR8	2016-12-28	1.60
303019	4000	SR86	2016-08-17	1.60
785404	4000	SR86	2016-08-17	1.30
968824	4000	SR86	2016-08-17	1.30
946662	4012	MP_Reference	2017-02-01	0.00
963372	4012	MP_Reference	2017-02-01	0.03
300805	4012	MP_Reference	2018-03-05	0.00
952066	4012	MP_Reference	2018-03-05	0.00
757654	4012	MP1_Restore	2018-03-05	1.66
757665	4012	MP1_Restore	2018-03-05	0.00
269581	4012	SCB_Reference	2017-02-08	1.50
776862	4012	SCB_Reference	2019-02-27	0.00
627297	4012	TB_Reference	2017-02-02	0.00
539397	4016	IR26	2021-06-21	0.00
576257	4016	IR26	2021-06-21	0.00
576665	4016	IR26	2021-06-21	0.00
63410	4016	Jack Island	2023-05-17	0.00
135158	4016	Jack Island	2023-05-17	0.00
325296	4016	SL1	2021-06-22	0.00
367453	4016	SL1	2021-06-22	0.00
266197	4042	699b	2015-03-05	0.00
560433	5017	GTM1	2016-06-13	0.00
94211	5017	GTM16	2016-06-13	0.00
186097	5017	GTM16	2016-06-13	0.00
113078	5017	GTM6	2016-06-13	0.00
108848	5017	MLC1	2015-05-30	0.90
169215	5017	MLC1	2015-05-30	1.40
169228	5017	MLC1	2015-05-30	1.20
410364	5017	MLC1	2015-05-30	1.10
313214	5017	MLC16	2015-06-03	1.00
359109	5017	MLC16	2015-06-03	1.00
234761	5017	MLC18	2015-05-31	1.00
234772	5017	MLC18	2015-05-31	1.00
423235	5017	MLC18	2015-05-31	1.00
423247	5017	MLC18	2015-05-31	1.00
710038	5017	MLC18	2015-05-31	1.00
234011	5017	MLC20	2015-06-10	1.30
262897	5017	MLC21	2015-06-03	1.00
262898	5017	MLC21	2015-06-03	1.00
262905	5017	MLC21	2015-06-03	1.00
475394	5017	MLC21	2015-06-03	1.00
689389	5017	MLC21	2015-06-03	1.00
689391	5017	MLC21	2015-06-03	1.00
689392	5017	MLC21	2015-06-03	1.00
689405	5017	MLC21	2015-06-03	1.00
758481	5017	MLC21	2015-06-03	1.00
858519	5017	MLC21	2015-06-03	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
858521	5017	MLC21	2015-06-03	1.00
858544	5017	MLC21	2015-06-03	1.00
858545	5017	MLC21	2015-06-03	1.00
877450	5017	MLC21	2015-06-03	1.00
877454	5017	MLC21	2015-06-03	1.00
877478	5017	MLC21	2015-06-03	1.00
900152	5017	MLC21	2015-06-03	1.00
903084	5017	MLC21	2015-06-03	1.00
903096	5017	MLC21	2015-06-03	1.00
19243	5017	MLC25	2015-06-04	1.50
231821	5017	MLC27	2015-06-05	1.50
682462	5017	MLC27	2015-06-05	1.50
738919	5017	MLC5	2015-06-10	1.60
789172	5017	MLC5	2015-06-10	1.40
850001	5017	MLC5	2015-06-10	1.60
158103	5017	MLC9	2015-06-05	1.30
297592	5017	MLC9	2015-06-05	1.30
376930	5017	MLCBU12	2015-06-03	1.00
440485	5017	MLCBU12	2015-06-03	1.50
625720	5017	MLCBU12	2015-06-03	1.00
294418	5017	NCB3	2015-07-17	0.00
32698	5017	NCB31	2015-06-27	1.30
103977	5017	NCB31	2015-06-27	0.90
244608	5017	NCB31	2015-06-27	1.40
383846	5017	NCB31	2015-06-27	1.30
851135	5017	NCB32	2015-06-27	1.60
164662	5017	NCBU55	2015-07-15	1.40

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: **4.096**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
10834	5063	240	2016-11-13	3
787063	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
25855	4012	MP_NewControl	2016-03-08	0.00
60312	4012	MP_NewControl	2016-03-08	0.00
277629	4012	MP_NewControl	2016-03-08	0.00
25908	4012	MP_NewControl	2017-02-02	0.00
125215	4012	MP_NewControl	2018-03-05	0.00
381348	4012	TB_Restore	2016-02-23	0.50
381360	4012	TB_Restore	2016-02-23	0.50
622669	4012	TB_Restore	2016-02-23	1.35
688259	4012	TB_Restore	2016-02-23	0.47
688260	4012	TB_Restore	2016-02-23	0.64
688272	4012	TB_Restore	2016-02-23	0.60
689849	4012	TB_Restore	2016-02-23	0.00
689862	4012	TB_Restore	2016-02-23	1.57
748048	4012	TB_Restore	2016-02-23	0.67
748307	4012	TB_Restore	2016-02-23	0.53
748309	4012	TB_Restore	2016-02-23	0.86
748310	4012	TB_Restore	2016-02-23	1.55
748859	4012	TB_Restore	2016-02-23	0.88
748860	4012	TB_Restore	2016-02-23	0.33
776959	4012	TB_Restore	2016-02-23	0.64
776984	4012	TB_Restore	2016-02-23	0.33
777850	4012	TB_Restore	2016-02-23	0.33
778343	4012	TB_Restore	2016-02-23	0.07
790641	4012	TB_Restore	2016-02-23	0.54
790645	4012	TB_Restore	2016-02-23	1.66
790695	4012	TB_Restore	2016-02-23	0.05
790773	4012	TB_Restore	2016-02-23	0.77
790774	4012	TB_Restore	2016-02-23	0.16
851437	4012	TB_Restore	2016-02-23	1.82
851439	4012	TB_Restore	2016-02-23	0.38
851529	4012	TB_Restore	2016-02-23	0.77
851575	4012	TB_Restore	2016-02-23	1.54
271069	4044	NRDA_APA-CP-MP2	2019-12-10	1.00
457932	4044	NRDA_APA-DB-MP2	2021-09-30	1.00
398509	4044	NRDA_APA-DB-MP3	2018-02-13	1.00
149624	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
344851	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
69693	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
69700	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
69707	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
313688	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
431763	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
938914	4044	NRDA_APA-HB-MP1	2017-11-30	1.00
295845	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
295865	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
540475	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
782383	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
836013	4044	NRDA_APA-HB-MP1	2021-09-22	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
949231	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
193381	4044	NRDA_APA-HB-MP2	2017-11-30	1.00
62708	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
306519	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
355709	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
370103	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
583679	4044	NRDA_APA-LG-MP2	2021-09-21	1.00
810213	4044	NRDA_APA-LH-MP2	2017-06-09	1.00
189257	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
331857	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
246272	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
246278	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
828240	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
828552	4044	NRDA_APA-NBM-MP1	2021-12-02	1.00
59016	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
63530	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
627601	4044	NRDA_APA-NS-MP1	2021-09-21	1.00
8207	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
45082	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
70943	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
559449	4044	NRDA_APA-RC1-MP2	2017-07-05	1.00
56790	4044	NRDA_Pcola-EP2-MP1	2019-11-19	1.00
54856	4044	NRDA_Pcola-ER1-MP2	2019-11-21	1.00
289437	4044	NRDA_Pcola-ER1-MP2	2019-11-21	1.00
298869	4044	NRDA_Pcola-ER1-MP2	2019-11-21	1.00
334415	4044	NRDA_Pcola-ER1-MP2	2019-11-21	1.00
334591	4044	NRDA_Pcola-ER1-MP2	2019-11-21	1.00
699345	4044	NRDA_Pcola-ER3-MP1	2023-11-08	1.00
862207	4044	NRDA_Pcola-HMB-MP1	2023-11-08	1.00
963955	4044	NRDA_Pcola-HMB-MP1	2023-11-08	1.00
829383	4044	NRDA_Pcola-SB-MP1	2018-07-11	1.00
232489	4044	NRDA_Pcola-SB-MP1	2023-11-08	1.00
704508	4044	NRDA_Pcola-SB-MP1	2023-11-08	1.00
777504	4044	NRDA_Pcola-SB-MP1	2023-11-08	1.00
226833	4044	NRDA_STA-GP-MP1	2017-08-09	1.00
257196	4044	NRDA_STA-LOBP-MP1	2017-08-09	1.00
322162	4044	NRDA_STA-LOBP-MP1	2017-08-09	1.00
261954	4044	NRDA_STA-SCR-MP1	2017-08-08	1.00
354419	4044	NRDA_STA-SCR-MP1	2017-08-08	1.00
354469	4044	NRDA_STA-SCR-MP1	2017-08-08	1.00
53708	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
53746	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
53748	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
53753	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
54287	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
127326	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
219134	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
219152	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
219167	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
219278	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
219283	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
251943	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
271615	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
271622	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
271645	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
289165	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
309980	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
350069	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
350076	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
350084	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
350211	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
350227	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
350340	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
419893	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
419981	4044	NRDA_STA-SCR-MP1	2019-12-16	1.00
54383	4044	NRDA_STA-SCR-MP1	2024-01-12	1.00
128457	4044	NRDA_STA-SCR-MP1	2024-01-12	1.00
289347	4044	NRDA_STA-SCR-MP1	2024-01-12	1.00
289366	4044	NRDA_STA-SCR-MP1	2024-01-12	1.00
289479	4044	NRDA_STA-SCR-MP1	2024-01-12	1.00
420661	4044	NRDA_STA-SCR-MP1	2024-01-12	1.00
54955	4044	NRDA_STA-WBP-MP1	2019-12-16	1.00
89094	5007	R-9MB-MP1	2021-04-12	0.00
89095	5007	R-9MB-MP1	2021-04-12	0.00
89114	5007	R-9MB-MP1	2021-04-12	0.00
201546	5007	R-9MB-MP1	2021-04-12	0.00
201547	5007	R-9MB-MP1	2021-04-12	0.00
201548	5007	R-9MB-MP1	2021-04-12	0.00
371972	5007	R-9MB-MP1	2021-04-12	0.00
371974	5007	R-9MB-MP1	2021-04-12	0.00
400845	5007	R-9MB-MP1	2021-04-12	0.00
444145	5007	R-9MB-MP1	2021-04-12	0.00
444146	5007	R-9MB-MP1	2021-04-12	0.00
471463	5007	R-9MB-MP1	2021-04-12	0.00
471464	5007	R-9MB-MP1	2021-04-12	0.00
557553	5007	R-9MB-MP1	2021-04-12	0.00
374557	5007	R-CP-MP1	2019-08-16	1.00
34612	5007	R-CP-MP3	2019-08-13	1.00
243522	5007	R-CP-MP3	2019-08-13	1.00
245243	5007	R-CP-MP3	2019-08-13	1.00
170286	5007	R-CPS-MP1	2019-08-23	1.00
47303	5007	R-CPS-MP1	2021-06-17	1.00
112877	5007	R-CPS-MP1	2021-06-17	1.00
113261	5007	R-CPS-MP1	2021-06-17	1.00
113280	5007	R-CPS-MP1	2021-06-17	1.00
113294	5007	R-CPS-MP1	2021-06-17	1.00
133009	5007	R-CPS-MP1	2021-06-17	1.00
152883	5007	R-CPS-MP1	2021-06-17	1.00
152998	5007	R-CPS-MP1	2021-06-17	1.00
200605	5007	R-CPS-MP1	2021-06-17	1.00
254804	5007	R-CPS-MP1	2021-06-17	1.00
254958	5007	R-CPS-MP1	2021-06-17	1.00
255005	5007	R-CPS-MP1	2021-06-17	1.00
255012	5007	R-CPS-MP1	2021-06-17	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
255052	5007	R-CPS-MP1	2021-06-17	1.00
316128	5007	R-CPS-MP1	2021-06-17	1.00
316173	5007	R-CPS-MP1	2021-06-17	1.00
36648	5007	R-CPS-MP2	2021-06-17	1.00
108188	5007	R-CPS-MP2	2021-06-17	1.00
109507	5007	R-CPS-MP2	2021-06-17	1.00
164764	5007	R-CPS-MP2	2021-06-17	1.00
245590	5007	R-CPS-MP2	2021-06-17	1.00
344273	5007	R-EH1-MP1	2019-07-31	1.00
199892	5007	R-EH1-MP1	2021-06-24	1.00
203071	5007	R-EH1-MP1	2021-06-24	1.00
203074	5007	R-EH1-MP1	2021-06-24	1.00
344125	5007	R-EH1-MP1	2021-06-24	1.00
582887	5007	R-EH1-MP1	2021-06-24	1.00
582963	5007	R-EH1-MP1	2021-06-24	1.00
649754	5007	R-EH1-MP1	2021-06-24	1.00
649762	5007	R-EH1-MP1	2021-06-24	1.00
649793	5007	R-EH1-MP1	2021-06-24	1.00
701947	5007	R-EH1-MP1	2021-06-24	1.00
715932	5007	R-EH1-MP1	2021-06-24	1.00
759671	5007	R-EH1-MP1	2021-06-24	1.00
841912	5007	R-EH1-MP1	2021-06-24	1.00
841990	5007	R-EH1-MP1	2021-06-24	1.00
564782	5007	R-EH1-MP2	2018-09-13	1.00
970629	5007	R-EH1-MP2	2021-06-24	1.00
674684	5007	R-EH1-MP4	2019-07-30	1.00
442935	5007	R-HB1-MP1	2018-06-26	1.00
5406	5007	R-HB1-MP2	2021-01-13	1.00
5433	5007	R-HB1-MP2	2021-01-13	1.00
8701	5007	R-HB1-MP2	2021-01-13	1.00
66609	5007	R-HB1-MP2	2021-01-13	1.00
158575	5007	R-HB1-MP2	2021-01-13	1.00
246005	5007	R-HB2-MP1	2018-06-26	1.00
677554	5007	R-HB2-MP1	2018-06-26	1.00
730163	5007	R-HB2-MP1	2018-06-26	1.00
730201	5007	R-HB2-MP1	2018-06-26	1.00
870442	5007	R-HB2-MP1	2018-06-26	1.00
885026	5007	R-HB2-MP1	2018-06-26	1.00
947826	5007	R-ME-MP2	2019-08-21	1.00
67480	5007	R-NS2-MP1	2018-06-25	1.00
186533	5007	R-NS2-MP1	2018-06-25	1.00
516468	5007	R-NS2-MP2	2018-06-25	1.00
594257	5007	R-NS2-MP2	2018-06-25	1.00
612642	5007	R-NS2-MP2	2018-06-25	1.00
612851	5007	R-NS2-MP2	2018-06-25	1.00
612169	5007	R-NS2-MP2	2020-12-15	0.00
157455	5007	R-PR-MP1	2019-08-21	1.00
525179	5007	R-PR-MP1	2019-08-21	1.00
294346	5007	R-PR-MP1	2021-06-24	1.00
294368	5007	R-PR-MP1	2021-06-24	1.00
629223	5007	R-PR-MP1	2021-06-24	1.00
671678	5007	R-PR-MP1	2021-06-24	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
671704	5007	R-PR-MP1	2021-06-24	1.00
671792	5007	R-PR-MP1	2021-06-24	1.00
771884	5007	R-PR-MP1	2021-06-24	1.00
28576	5007	R-PR-MP2	2021-06-24	1.00
33022	5007	R-PR-MP2	2021-06-24	1.00
84357	5007	R-PR-MP2	2021-06-24	1.00
181970	5007	R-PR-MP2	2021-06-24	1.00
229220	5007	R-PR-MP2	2021-06-24	1.00
229245	5007	R-PR-MP2	2021-06-24	1.00
229269	5007	R-PR-MP2	2021-06-24	1.00
226294	5007	R-SB-MP1	2018-09-13	1.00
488631	5007	R-SB-MP1	2018-09-13	1.00
489812	5007	R-SB-MP1	2018-09-13	1.00
489822	5007	R-SB-MP1	2018-09-13	1.00
494756	5007	R-SB-MP1	2018-09-13	1.00
547369	5007	R-SB-MP1	2018-09-13	1.00
666638	5007	R-SB-MP1	2018-09-13	1.00
497020	5071	FL18	2017-08-31	1.80
257973	10002	East Hole	2003-09-30	1.00
257984	10002	East Hole	2003-09-30	1.00
257985	10002	East Hole	2003-09-30	1.00
258039	10002	East Hole	2003-09-30	1.00
258041	10002	East Hole	2003-09-30	1.00
258042	10002	East Hole	2003-09-30	1.00
258133	10002	East Hole	2003-09-30	1.00
258134	10002	East Hole	2003-09-30	1.00
258359	10002	East Hole	2003-09-30	1.00
258360	10002	East Hole	2003-09-30	1.00
465561	10002	East Hole	2003-09-30	1.00
465808	10002	East Hole	2003-09-30	1.00
465895	10002	East Hole	2003-09-30	1.00
465896	10002	East Hole	2003-09-30	1.00
465906	10002	East Hole	2003-09-30	1.00
465907	10002	East Hole	2003-09-30	1.00
465910	10002	East Hole	2003-09-30	1.00
465911	10002	East Hole	2003-09-30	1.00
465928	10002	East Hole	2003-09-30	1.00
465929	10002	East Hole	2003-09-30	1.00
465988	10002	East Hole	2003-09-30	1.00
465989	10002	East Hole	2003-09-30	1.00
686280	10002	East Hole	2003-09-30	1.00
686281	10002	East Hole	2003-09-30	1.00
686366	10002	East Hole	2003-09-30	1.00
686425	10002	East Hole	2003-09-30	1.00
686426	10002	East Hole	2003-09-30	1.00
686696	10002	East Hole	2003-09-30	1.00
751377	10002	East Hole	2003-09-30	1.00
751404	10002	East Hole	2003-09-30	1.00
751949	10002	East Hole	2003-09-30	1.00
751958	10002	East Hole	2003-09-30	1.00
751963	10002	East Hole	2003-09-30	1.00
752040	10002	East Hole	2003-09-30	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
752379	10002	East Hole	2003-09-30	1.00
754581	10002	East Hole	2003-09-30	1.00
856077	10002	East Hole	2003-09-30	1.00
856078	10002	East Hole	2003-09-30	1.00
856168	10002	East Hole	2003-09-30	1.00
856222	10002	East Hole	2003-09-30	1.00
856223	10002	East Hole	2003-09-30	1.00
856231	10002	East Hole	2003-09-30	1.00
856232	10002	East Hole	2003-09-30	1.00
856234	10002	East Hole	2003-09-30	1.00
856247	10002	East Hole	2003-09-30	1.00
856248	10002	East Hole	2003-09-30	1.00
856304	10002	East Hole	2003-09-30	1.00
856485	10002	East Hole	2003-09-30	1.00
863316	10002	East Hole	2003-09-30	1.00
863317	10002	East Hole	2003-09-30	1.00
863412	10002	East Hole	2003-09-30	1.00
863460	10002	East Hole	2003-09-30	1.00
863461	10002	East Hole	2003-09-30	1.00
863469	10002	East Hole	2003-09-30	1.00
863470	10002	East Hole	2003-09-30	1.00
863472	10002	East Hole	2003-09-30	1.00
863487	10002	East Hole	2003-09-30	1.00
863488	10002	East Hole	2003-09-30	1.00
893852	10002	East Hole	2003-09-30	1.00
893917	10002	East Hole	2003-09-30	1.00
893952	10002	East Hole	2003-09-30	1.00
893965	10002	East Hole	2003-09-30	1.00
894011	10002	East Hole	2003-09-30	1.00
894023	10002	East Hole	2003-09-30	1.00
894026	10002	East Hole	2003-09-30	1.00
894043	10002	East Hole	2003-09-30	1.00
894044	10002	East Hole	2003-09-30	1.00
894105	10002	East Hole	2003-09-30	1.00
895624	10002	East Hole	2003-09-30	1.00
895625	10002	East Hole	2003-09-30	1.00
895639	10002	East Hole	2003-09-30	1.00
895640	10002	East Hole	2003-09-30	1.00
895657	10002	East Hole	2003-09-30	1.00
895689	10002	East Hole	2003-09-30	1.00
895709	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

5071 - Oyster shell heights and taxonomic diversity in 2015-2017 among previously documented oiled and non-oiled reefs in Louisiana, Alabama, and the Florida panhandle

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
540340	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: **100.969**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
78838	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: **67.606**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
291678	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: **130.989**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
551813	972	CC1	2003-10-08	131
600574	972	SKC2	2005-09-16	136
837687	4014	10	2003-09-22	201
39999	4014	12	2003-09-22	168
355389	4014	5	2003-07-22	178
463452	4044	NRDA_APA-HB-MP2	2017-04-17	159
796371	4044	NRDA_STA-OLOB-MP1	2017-08-09	139
129782	5073	FLAO61-A1006-TJ915Q	2010-10-06	152
877645	5073	FLAO61-A1006-TJ916Q	2010-10-06	542

Programs containing flagged data:

972 - Sarasota County Comprehensive Oyster Monitoring Program

4014 - Loxahatchee River Oyster Mapping and Recruitment

4044 - NRDA Oyster Cultch Recovery Project

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: **594.096**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
573693	5073	FLAK57-C0816-T2950011-03Q	2012-08-16	622

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: **243.946**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
560372	4012	MP_Reference	2016-03-01	286
963481	4012	MP_Reference	2016-03-01	244
438630	5017	HR6	2016-07-01	312
191647	5017	NCB31	2015-06-27	322

Programs containing flagged data:

4012 - SCCF Oyster Restoration Monitoring

5017 - Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment

Number of Oysters Counted - Live(0.1)

Table 14: Flagged Values - High Indicator Quantile: **262.725**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
808139	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: **543.364**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
649730	4014	10	2003-09-22	695
303274	4014	13	2003-10-21	901
54821	4044	NRDA_STA-SCR-MP1	2019-12-16	762
128650	4044	NRDA_STA-SCR-MP1	2019-12-16	796
289579	4044	NRDA_STA-SCR-MP1	2019-12-16	544
298799	4044	NRDA_STA-SCR-MP1	2019-12-16	646
334548	4044	NRDA_STA-SCR-MP1	2019-12-16	786
354494	4044	NRDA_STA-SCR-MP1	2019-12-16	614
420856	4044	NRDA_STA-SCR-MP1	2019-12-16	729

Programs containing flagged data:

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

~~4044~~ - NRDA Oyster Cultch Recovery Project

Number of Oysters Counted - Live(1)

Table 16: Flagged Values - High Indicator Quantile: **742.314**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
18489	5073	FLAK57-D0211-T1550083-02Q	2013-02-11	758

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: **527.925**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
697060	4000	PF323	2015-12-16	571
161181	4000	PF415	2016-01-13	528
587057	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: **288.145**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
830793	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: **748.88**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
785630	4014	10	2003-09-22	896
965674	4014	13	2003-10-21	1028
261998	4044	NRDA_STA-SCR-MP1	2019-12-16	798
289559	4044	NRDA_STA-SCR-MP1	2019-12-16	749
334537	4044	NRDA_STA-SCR-MP1	2019-12-16	826
334556	4044	NRDA_STA-SCR-MP1	2019-12-16	828
830429	5074	With_21	2018-04-19	784
402753	5074	With_43	2018-04-20	790
452034	5074	With_43	2018-04-21	823

Programs containing flagged data:

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

~~4044~~ - NRDA Oyster Cultch Recovery Project

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

Number of Oysters Counted - Total(1)

Table 20: Flagged Values - High Indicator Quantile: **1418.9**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
807715	5073	FLAK57-C0314-TT7-0083-06Q	2012-03-14	1436

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: **134.64228**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
337195	5035	8849	2018-09-11 19:39:45	145.71
633955	5035	8850	2018-09-11 19:48:19	141.75
633957	5035	8850	2018-09-11 19:48:19	146.25
691061	5035	8853	2018-09-11 20:52:58	140.79
258987	5035	8897	2018-10-05 20:53:20	138.49
387040	5035	8922	2018-09-04 21:46:47	136.42
236317	5072	8CI1	2012-06-22 00:00:00	139.24
584804	5072	8CI1	2012-06-22 00:00:00	154.08
460884	5072	8CI1	2013-06-04 00:00:00	136.65
544533	5072	8CI1	2013-06-04 00:00:00	151.20
549651	5072	8CI1	2013-06-05 00:00:00	156.81
711192	5072	8CI1	2013-06-07 00:00:00	136.24
117031	5072	8CI1	2013-06-11 00:00:00	147.93
236301	5072	8CI1	2013-06-11 00:00:00	148.80
528185	5072	8CI1	2013-06-11 00:00:00	169.00
235374	5072	8CI1	2013-06-12 00:00:00	134.81
584851	5072	8CI1	2013-06-12 00:00:00	161.95
460836	5072	8CI1	2013-06-17 00:00:00	151.87
567384	5072	8CI1	2013-06-17 00:00:00	139.88
690189	5072	8CI41	2011-06-08 00:00:00	139.21
690158	5072	8CI41	2011-06-10 00:00:00	134.76
381705	5072	8CI41	2011-06-13 00:00:00	144.33
690153	5072	8CI41	2011-06-15 00:00:00	155.00
381748	5072	8CI41	2011-06-17 00:00:00	151.26
381786	5072	8CI41	2011-06-17 00:00:00	139.33
791011	5072	8CI41	2011-06-17 00:00:00	135.23
851789	5072	8CI41	2011-06-17 00:00:00	169.18
851808	5072	8CI41	2011-06-17 00:00:00	139.01
851876	5072	8CI41	2011-06-17 00:00:00	135.63
851877	5072	8CI41	2011-06-17 00:00:00	150.98
851787	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: **125.1**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
508956	4000	FM32	2018-09-10	126.50
543665	4000	GR1	2014-05-22	136.60
929559	4000	GR1	2015-07-22	138.70
929646	4000	GR1	2016-08-22	132.00
939591	4000	GR1	2016-08-22	134.80
729507	4000	GR11	2016-02-17	135.70
824758	4000	GR11	2016-02-17	140.10
824773	4000	GR11	2016-02-17	125.50
869907	4000	GR11	2016-02-17	150.90
884399	4000	GR11	2016-02-17	127.80
243949	4000	GR11	2022-03-16	129.50
243970	4000	GR11	2022-03-16	152.10
657867	4000	GR11	2022-03-16	150.10
729474	4000	GR11	2022-03-16	137.20
729476	4000	GR11	2022-03-16	150.00
729489	4000	GR11	2022-03-16	127.60
824737	4000	GR11	2022-03-16	150.50
869865	4000	GR11	2022-03-16	133.50
869883	4000	GR11	2022-03-16	125.90
884392	4000	GR11	2022-03-16	128.30
73176	4000	GR1A	2018-09-11	142.10
366241	4000	GR1A	2018-09-11	125.70
363856	4000	GR2	2014-05-22	125.60
5256	4000	GR21	2016-09-09	126.00
9512	4000	GR21	2016-09-12	128.70
287970	4000	GR2A	2016-07-27	131.30
572938	4000	GR2A	2016-07-27	125.50
620201	4000	GR2A	2016-07-27	142.90
620223	4000	GR2A	2016-07-27	125.50
725684	4000	GR2B	2020-02-17	132.00
260128	4000	GR30	2016-09-12	146.80
687162	4000	GR30	2016-09-12	129.20
260103	4000	GR30	2022-03-16	128.90
260104	4000	GR30	2022-03-16	127.60
756834	4000	GR30	2022-03-16	133.80
756848	4000	GR30	2022-03-16	145.80
870538	4000	GR30	2022-03-16	126.50
870545	4000	GR30	2022-03-16	143.40
870555	4000	GR30	2022-03-16	135.60
901750	4000	GR30	2022-03-16	135.00
901752	4000	GR30	2022-03-16	158.00
901754	4000	GR30	2022-03-16	153.20
300072	4000	GR32	2016-08-24	126.70
616775	4000	GR4	2015-07-23	128.70
91929	4000	GR5	2022-01-13	135.10
182009	4000	GR70	2016-02-17	163.00
154685	4000	GR78	2016-08-24	138.80
154719	4000	GR78	2016-08-24	135.30

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
862404	4000	MC2	2015-06-22	237.20
92767	4000	SA2	2020-01-23	130.20
57688	4000	SA443	2016-08-26	129.80
376490	4000	SA5	2023-02-15	150.50
766032	4000	SR1A	2016-08-10	152.90
36526	4000	SR4	2014-06-03	130.20
36274	4000	SR4	2014-07-03	130.20
87157	4000	SR4	2015-01-27	132.40
425496	4000	SR5	2014-07-03	125.40
809660	4000	SR5	2015-06-23	126.90
786984	4000	SR6A	2016-07-29	126.40
950958	4000	SR6A	2016-07-29	146.20
710488	4000	SR7	2015-01-27	129.80
307124	4000	SR7A	2016-07-29	128.10
356320	4000	SR7A	2016-07-29	126.90
718975	4000	SR8	2015-01-27	146.50
809710	4000	SR8	2015-01-27	130.00
820576	4000	SR8	2015-01-27	137.50
881591	4000	SR8	2015-01-27	134.20
881604	4000	SR8	2015-01-27	128.50
425597	4000	SR8	2015-06-23	130.70
237350	4000	SR8	2016-12-28	174.50
942060	4000	SR86	2016-08-17	131.60
965417	4000	SR86	2016-08-17	133.00
965431	4000	SR86	2016-08-17	126.10
284482	4000	TR220	2016-02-29	135.20
36547	4000	TR307A	2016-02-29	128.80
99583	4000	TR307A	2016-02-29	179.40
417491	4000	TR3A	2014-06-04	137.20
113065	4000	W22GR14	2022-01-13	129.30
113073	4000	W22GR14	2022-01-13	130.50
200255	4000	W22GR14	2022-01-13	130.30
254772	4000	W22GR14	2022-01-13	126.40
320621	4000	W22TR1	2022-01-11	145.80
538532	4000	W22TR1	2022-01-11	141.00
538533	4000	W22TR1	2022-01-11	138.60
589148	4000	W22TR1	2022-01-11	132.30
157183	4000	W22TR10	2022-03-14	140.80
451923	4000	W22TR21	2022-03-01	125.70
862516	4000	W22TR3	2022-03-02	129.80
76696	4000	W22TR8	2022-01-19	127.20
106464	4000	W22TR8	2022-01-19	134.60
274044	4000	W22TR8	2022-01-19	161.00
671313	4000	W22TR9	2022-02-15	127.30
260733	4000	W23SR1	2022-11-22	136.90
562902	4000	W23SR12	2023-01-19	134.90
942887	4000	W23SR12	2023-01-19	131.30
632404	4000	W23SR13	2023-01-05	132.10
673573	4000	W23SR13	2023-01-05	149.70
604510	4000	W23SR16	2023-01-17	138.70
606163	4000	W23SR16	2023-01-17	131.20
782182	4000	W23SR4	2023-01-16	126.10

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
782188	4000	W23SR4	2023-01-16	133.40
949021	4000	W23SR4	2023-01-16	139.00
962090	4000	W23SR4	2023-01-16	125.50
27719	4000	W23SR5	2023-01-16	138.40
27730	4000	W23SR5	2023-01-16	125.50
31568	4000	W23SR5	2023-01-16	127.70
83868	4000	W23SR5	2023-01-16	133.60
97545	4000	W23SR5	2023-01-16	130.10
146067	4000	W23SR5	2023-01-16	152.60
146076	4000	W23SR5	2023-01-16	126.40
224468	4000	W23SR5	2023-01-16	137.80
352899	4000	W23SR5	2023-01-16	145.00
310921	4000	W23SR6	2023-01-04	130.20
310923	4000	W23SR6	2023-01-04	129.60
527077	4000	W23SR6	2023-01-04	132.80
792783	4000	W23SR6	2023-01-04	139.30
557347	4000	W23SR8	2023-01-05	135.00
792047	4012	MP1_Restore	2018-03-05	218.92
924617	4012	SCB_Reference	2018-03-05	814.45
10935	5017	B1 NEW	2016-06-02	139.50
291688	5017	B2	2016-05-31	149.30
291689	5017	B2	2016-05-31	142.30
422077	5017	B2	2016-05-31	129.50
422079	5017	B2	2016-05-31	126.90
144495	5017	B5	2016-06-28	164.30
196465	5017	MLC1	2015-05-30	606.00
950278	5017	MLC17	2015-06-16	157.00
710039	5017	MLC18	2015-05-31	137.00
69864	5017	MLC3	2015-05-30	865.00
684260	5017	MLC5	2015-06-10	344.00
849994	5017	MLC5	2015-06-10	367.00
932863	5017	MLC7	2015-05-31	136.00
235886	5017	MLCBU6	2015-06-16	607.00
424413	5017	MLCBU6	2015-06-16	4801.00
808523	5017	MLCBU6	2015-06-16	386.00
831171	5017	MLCBU6	2015-06-16	506.00
621221	5017	NCBU58	2015-07-15	325.00

Programs containing flagged data:

4000 - Guana Tolomato Matanzas NERR Oyster monitoring

4012 - SCCF Oyster Restoration Monitoring

5017 - Northern Coastal Basins and Mosquito Lagoon Oyster Condition Assessment

Shell Height(0.1)

Table 23: Flagged Values - High Indicator Quantile: **79.904**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
136175	5063	285	2016-11-15	80
68085	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: **105**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
164911	4014	NWF_37_1	2008-07-18	110.00
177622	4014	NWF_39_1	2008-07-24	115.00
751858	4014	NWF_50_1	2008-07-25	110.00
227334	4014	NWF_52_1	2008-07-25	110.00
529515	4014	NWF_56_4	2013-07-02	116.00
791642	4014	NWF_76_1	2008-08-15	110.00
129465	4014	NWF_77_2	2013-07-15	110.00
877871	4014	NWF_79_2	2013-07-15	115.00
716976	4014	SWF_01_2	2008-07-01	130.00
131320	4014	SWF_02_3	2008-07-01	110.00
128084	4014	SWF_06_3	2008-07-02	110.00
327835	4014	SWF_19_1	2008-07-10	150.00
70390	4014	SWF_23_1	2013-08-15	110.00
645394	4014	SWF_25_1	2013-07-29	118.00
447850	4014	SWF_25_2	2013-07-29	125.00
25186	4014	SWF_27_1	2008-07-10	115.00
259321	4014	SWF_28_1	2008-07-11	115.00
416135	4014	SWF_28_1	2008-07-11	130.00
40274	4014	SWF_29_1	2008-07-11	110.00
584646	4014	SWF_33_1	2008-07-11	110.00
668744	4014	SWF_35_1	2008-07-11	110.00
229451	4044	NRDA_APA-CL-MP1	2023-06-26	109.00
317319	4044	NRDA_APA-CP-MP1	2017-04-18	125.00
317515	4044	NRDA_APA-CP-MP1	2017-04-18	107.00
324275	4044	NRDA_APA-CP-MP1	2017-04-18	115.00
436202	4044	NRDA_APA-CP-MP1	2017-04-18	112.00
765789	4044	NRDA_APA-CT-MP1	2018-04-02	110.00
246178	4044	NRDA_APA-CT-MP2	2017-06-30	128.00
677698	4044	NRDA_APA-CT-MP2	2017-06-30	113.00
124022	4044	NRDA_APA-LH-MP1	2017-06-09	107.00
270749	4044	NRDA_APA-LH-MP1	2018-03-15	111.00
51373	4044	NRDA_APA-LH-MP1	2023-08-09	107.00
51413	4044	NRDA_APA-LH-MP1	2023-08-09	134.00
124180	4044	NRDA_APA-LH-MP1	2023-08-09	125.00
248722	4044	NRDA_APA-LH-MP1	2023-08-09	109.00
248728	4044	NRDA_APA-LH-MP1	2023-08-09	126.00
248731	4044	NRDA_APA-LH-MP1	2023-08-09	114.00
248733	4044	NRDA_APA-LH-MP1	2023-08-09	133.00
266710	4044	NRDA_APA-LH-MP1	2023-08-09	107.00
270843	4044	NRDA_APA-LH-MP1	2023-08-09	147.00
270848	4044	NRDA_APA-LH-MP1	2023-08-09	109.00
270857	4044	NRDA_APA-LH-MP1	2023-08-09	113.00
347920	4044	NRDA_APA-LH-MP1	2023-08-09	119.00
417311	4044	NRDA_APA-LH-MP1	2023-08-09	120.00
727427	4044	NRDA_APA-LH-MP2	2023-08-09	106.00
260391	4044	NRDA_APA-NBN-MP1	2021-12-02	106.00
757082	4044	NRDA_APA-NBN-MP1	2021-12-02	109.00
857175	4044	NRDA_APA-NBN-MP1	2023-08-09	109.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
870815	4044	NRDA_APA-NBN-MP1	2023-08-09	110.00
70929	4044	NRDA_APA-RC1-MP1	2018-03-05	108.00
41857	4044	NRDA_APA-RC1-MP1	2023-06-26	109.00
21376	4044	NRDA_APA-RC2-MP1	2017-07-05	138.00
166188	4044	NRDA_APA-RC2-MP1	2017-07-05	110.00
21515	4044	NRDA_APA-RC2-MP1	2023-06-26	110.00
21516	4044	NRDA_APA-RC2-MP1	2023-06-26	106.00
87461	4044	NRDA_APA-RC2-MP1	2023-06-26	109.00
87592	4044	NRDA_APA-RC2-MP1	2023-06-26	110.00
142488	4044	NRDA_APA-RC2-MP1	2023-06-26	120.00
142527	4044	NRDA_APA-RC2-MP1	2023-06-26	108.00
24927	4044	NRDA_Pcola-ER2-MP1	2017-10-31	134.00
38530	4044	NRDA_Pcola-ER2-MP1	2017-10-31	128.00
38634	4044	NRDA_Pcola-ER2-MP1	2017-10-31	107.00
52003	4044	NRDA_Pcola-ER2-MP1	2017-10-31	111.00
105931	4044	NRDA_Pcola-ER2-MP1	2017-10-31	118.00
378364	4044	NRDA_STA-DB-MP1	2023-12-21	108.00
503121	4044	NRDA_STA-GP-MP1	2018-05-14	107.00
570021	4044	NRDA_STA-GP-MP1	2023-10-10	119.00
205817	4044	NRDA_STA-LOBP-MP1	2021-12-16	108.00
779915	4044	NRDA_STA-NBB-MP1	2017-08-07	112.00
791096	4044	NRDA_STA-NBB-MP1	2017-08-07	112.00
222694	4044	NRDA_STA-NBB-MP1	2018-04-12	108.00
584443	4044	NRDA_STA-OLOB-MP1	2018-05-14	125.00
636090	4044	NRDA_STA-OLOB-MP1	2018-05-14	111.00
793790	4044	NRDA_STA-OLOB-MP1	2018-05-14	106.00
794205	4044	NRDA_STA-OLOB-MP1	2018-05-14	113.00
420812	4044	NRDA_STA-SCR-MP1	2017-08-08	111.00
613147	5007	R-CP-MP1	2021-04-14	107.00
413849	5007	R-CPS-MP1	2021-06-17	108.00
233653	5007	R-CPS-MP2	2021-06-17	118.00
163566	5007	R-ME-MP1	2021-06-04	108.00
784657	5007	R-ME-MP2	2021-06-04	112.00
573604	5007	R-PR-MP1	2021-06-24	120.00
573658	5007	R-PR-MP1	2021-06-24	129.00
671712	5007	R-PR-MP1	2021-06-24	143.00
146790	5007	R-PR-MP2	2021-06-24	116.00
226455	5007	R-SB-MP1	2021-06-04	108.00
449784	5007	R-SB-MP1	2021-06-04	112.00
222757	5070	Inshore 1	2016-07-25	108.47
690375	5070	Inshore 1	2016-07-25	108.47
275153	5070	Inshore 4	2016-07-25	110.25
517482	5070	Inshore 4	2016-07-25	109.16
520483	5070	Inshore 4	2016-07-25	110.25
743745	5070	Inshore 4	2016-07-25	109.16
43510	5070	river 11	2015-01-09	108.40
66293	5070	river 11	2015-01-09	108.40
428118	5070	river 13	2015-01-09	121.70
825873	5070	river 13	2015-01-09	121.70
594685	5070	River 9	2015-01-09	106.80
742193	5070	River 9	2015-01-09	106.80
287142	5071	FL01	2017-10-06	107.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
619439	5071	FL01	2017-10-06	131.40
796748	5071	FL07	2017-10-06	113.30
149195	5074	Chas_07	2018-03-27	122.00
527110	5074	Chas_10	2018-04-02	116.00
99933	5074	Homo_04	2018-03-22	108.00
241218	5074	Homo_04	2018-03-22	106.00
636139	5074	Homo_18	2018-03-22	107.00
159438	5074	Homo_21	2018-03-28	112.00
674400	5074	Homo_21	2018-03-28	107.00
781179	5074	Homo_21	2018-03-28	105.50
748353	5074	With_02	2018-03-29	109.00
566201	5074	With_39	2018-04-20	108.00
668761	5074	With_39	2018-04-20	113.00
699698	10002	Bulkhead Plant	1989-04-21	110.00
700163	10002	Bulkhead Plant	1989-04-21	110.00
860753	10002	Bulkhead Plant	1989-04-21	135.00
16534	10002	Cabbage Lump	1984-06-14	120.00
23443	10002	Cabbage Lump	1984-06-14	160.00
23467	10002	Cabbage Lump	1984-06-14	130.00
51811	10002	Cabbage Lump	1984-06-14	130.00
83666	10002	Cabbage Lump	1984-06-14	110.00
11992	10002	Cabbage Lump	1989-09-05	110.00
36999	10002	Cabbage Lump	1992-07-13	115.00
49424	10002	Cabbage Lump	1992-09-15	110.00
75528	10002	Cabbage Lump	1992-09-15	110.00
254059	10002	Cabbage Lump	1992-09-15	125.00
408498	10002	Cat Plant	1991-06-18	110.00
468937	10002	Cat Plant	1991-06-18	115.00
86821	10002	Cat Plant	1992-06-23	110.00
88619	10002	Cat Plant	1992-06-23	110.00
88873	10002	Cat Plant	1992-06-23	125.00
91010	10002	Cat Plant	1992-06-23	110.00
91011	10002	Cat Plant	1992-06-23	110.00
198484	10002	Cat Plant	1992-06-23	115.00
372450	10002	Cat Plant	1992-06-23	125.00
399950	10002	Cat Plant	1992-06-23	115.00
438016	10002	Cat Plant	1992-06-23	115.00
438112	10002	Cat Plant	1992-06-23	150.00
439012	10002	Cat Plant	1992-06-23	150.00
443757	10002	Cat Plant	1992-06-23	110.00
469165	10002	Cat Plant	1992-06-23	110.00
473717	10002	Cat Plant	1992-06-23	110.00
473725	10002	Cat Plant	1992-06-23	110.00
473752	10002	Cat Plant	1992-06-23	115.00
406888	10002	Cat Plant	1993-06-22	110.00
473831	10002	Cat Plant	1993-06-22	115.00
474071	10002	Cat Plant	1993-06-22	110.00
560247	10002	Cat Plant	1993-06-22	120.00
377504	10002	Cat Point	1988-06-07	110.00
407275	10002	Cat Point	1988-06-07	120.00
441088	10002	Cat Point	1988-06-07	110.00
489451	10002	Cat Point	1990-06-14	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
411900	10002	Cat Point	1990-09-18	125.00
631084	10002	Cat Point	1990-09-18	120.00
221560	10002	Cat Point	1991-06-18	110.00
470013	10002	Cat Point	1991-06-18	110.00
454105	10002	Cat Point	1991-11-26	110.00
477581	10002	Cat Point	1993-04-29	110.00
150348	10002	Cat Relay	1992-06-23	110.00
184191	10002	Cat Relay	1992-06-23	120.00
184192	10002	Cat Relay	1992-06-23	110.00
184266	10002	Cat Relay	1992-06-23	135.00
353801	10002	Cat Relay	1992-06-23	110.00
607438	10002	Dry Bar	1982-09-01	110.00
646171	10002	Dry Bar	1982-09-01	110.00
664835	10002	Dry Bar	1982-09-01	110.00
187170	10002	Dry Bar	1992-11-23	115.00
187171	10002	Dry Bar	1992-11-23	125.00
608235	10002	Dry Bar	1992-11-23	120.00
185469	10002	Dry Bar	1993-06-03	110.00
329617	10002	Dry Bar	1993-06-03	120.00
646642	10002	Dry Bar	1993-06-03	110.00
647391	10002	Dry Bar	1993-06-03	110.00
324161	10002	Dry Com	1992-11-23	120.00
345888	10002	Dry Com	1992-11-23	125.00
360623	10002	Dry Com	1992-11-23	115.00
524057	10002	Dry Plant	1990-09-19	110.00
270431	10002	Dry Plant / North Spur Plant	1985-09-12	115.00
50982	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
123772	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
123809	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
216612	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
216637	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
248320	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
248329	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
347477	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
416929	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
270565	10002	Dry Plant / North Spur Plant	1985-11-06	110.00
51030	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
270476	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
270480	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
216812	10002	Dry Plant / North Spur Plant	1986-09-25	110.00
215109	10002	Dry Plant / North Spur Plant	1987-09-10	120.00
50274	10002	Dry Plant / North Spur Plant	1988-06-09	120.00
50702	10002	Dry Plant / North Spur Plant	1989-06-14	115.00
50352	10002	Dry Plant / North Spur Plant	1989-09-07	120.00
885790	10002	East Hole	1988-06-08	120.00
731092	10002	East Hole	1989-09-06	120.00
453155	10002	East Hole	1993-06-02	110.00
679828	10002	East Hole	1993-06-02	130.00
735657	10002	East Hole	1993-06-02	110.00
835247	10002	East Hole	1993-06-02	110.00
835322	10002	East Hole	1993-06-02	110.00
839607	10002	East Hole	1993-06-02	115.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
482703	10002	Green Point Plant	1984-06-12	110.00
691858	10002	Green Point Plant	1984-06-12	110.00
696388	10002	Green Point Plant	1984-06-12	110.00
864466	10002	Green Point Plant	1984-06-12	120.00
907642	10002	Green Point Plant	1984-06-12	110.00
907650	10002	Green Point Plant	1984-06-12	110.00
922635	10002	Green Point Plant	1984-06-12	120.00
924057	10002	Green Point Plant	1984-06-12	130.00
267498	10002	Green Point Plant	1985-05-31	110.00
772956	10002	Green Point Plant	1985-05-31	110.00
886814	10002	Green Point Plant	1985-05-31	125.00
887326	10002	Green Point Plant	1985-05-31	120.00
763856	10002	Green Point Plant	1985-09-04	110.00
267515	10002	Green Point Plant	1986-04-30	110.00
773056	10002	Green Point Plant	1986-04-30	110.00
860181	10002	Green Point Plant	1986-08-01	115.00
268652	10002	Green Point Plant	1987-09-09	115.00
887594	10002	Green Point Plant	1987-09-09	115.00
922655	10002	Green Point Plant	1989-09-07	120.00
887627	10002	Green Point Plant	1990-09-18	110.00
692063	10002	Green Point Plant	1991-09-18	110.00
859974	10002	Green Point Plant	1992-07-13	125.00
267646	10002	Green Point Plant	1992-09-15	110.00
39845	10002	Lighthouse Bar	1987-06-04	110.00
108548	10002	Lighthouse Bar	1987-06-04	130.00
108901	10002	Lighthouse Bar	1987-06-04	120.00
111403	10002	Lighthouse Bar	1987-06-04	110.00
111404	10002	Lighthouse Bar	1987-06-04	110.00
169189	10002	Lighthouse Bar	1987-06-04	115.00
196066	10002	Lighthouse Bar	1987-06-04	120.00
196069	10002	Lighthouse Bar	1987-06-04	115.00
245852	10002	Lighthouse Bar	1987-06-04	115.00
245890	10002	Lighthouse Bar	1987-06-04	115.00
312087	10002	Lighthouse Bar	1987-06-04	115.00
312438	10002	Lighthouse Bar	1987-06-04	110.00
108535	10002	Lighthouse Bar	1987-10-15	110.00
110972	10002	Lighthouse Bar	1987-10-15	110.00
245865	10002	Lighthouse Bar	1987-10-15	110.00
39756	10002	Lighthouse Bar	1988-06-07	115.00
108564	10002	Lighthouse Bar	1988-06-07	135.00
111120	10002	Lighthouse Bar	1988-06-07	110.00
111309	10002	Lighthouse Bar	1988-06-07	135.00
168566	10002	Lighthouse Bar	1988-06-07	120.00
168630	10002	Lighthouse Bar	1988-06-07	135.00
312107	10002	Lighthouse Bar	1988-06-07	120.00
39728	10002	Lighthouse Bar	1989-06-13	110.00
108975	10002	Lighthouse Bar	1989-06-13	125.00
168580	10002	Lighthouse Bar	1989-06-13	135.00
168981	10002	Lighthouse Bar	1989-06-13	120.00
196396	10002	Lighthouse Bar	1989-06-13	115.00
248134	10002	Lighthouse Bar	1989-06-13	120.00
254099	10002	Lighthouse Bar	1989-06-13	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
408153	10002	Lighthouse Bar	1989-06-13	110.00
108968	10002	Lighthouse Bar	1990-06-12	140.00
248174	10002	Lighthouse Bar	1990-06-12	125.00
254079	10002	Lighthouse Bar	1990-09-20	110.00
47256	10002	Lighthouse Bar	1992-06-22	110.00
112919	10002	Lighthouse Bar	1992-06-22	110.00
113406	10002	Lighthouse Bar	1992-06-22	115.00
113715	10002	Lighthouse Bar	1992-06-22	110.00
115200	10002	Lighthouse Bar	1992-06-22	110.00
132722	10002	Lighthouse Bar	1992-06-22	110.00
171546	10002	Lighthouse Bar	1992-06-22	115.00
200559	10002	Lighthouse Bar	1992-06-22	110.00
255118	10002	Lighthouse Bar	1992-06-22	115.00
256347	10002	Lighthouse Bar	1992-06-22	110.00
315969	10002	Lighthouse Bar	1992-06-22	110.00
316067	10002	Lighthouse Bar	1992-06-22	120.00
413824	10002	Lighthouse Bar	1992-06-22	110.00
414101	10002	Lighthouse Bar	1992-06-22	110.00
183621	10002	Norman's Lump	1982-09-01	115.00
340799	10002	Norman's Lump	1982-12-01	110.00
452909	10002	Norman's Lump	1983-06-01	115.00
510432	10002	Norman's Lump	1983-06-01	115.00
403611	10002	Norman's Lump	1984-06-01	110.00
389963	10002	Norman's Lump	1984-09-01	110.00
391963	10002	Norman's Lump	1984-09-01	120.00
183246	10002	Norman's Lump	1986-06-05	110.00
506489	10002	Norman's Lump	1986-06-05	110.00
183301	10002	Norman's Lump	1986-09-23	115.00
183317	10002	Norman's Lump	1987-06-04	115.00
403339	10002	Norman's Lump	1987-06-04	110.00
403478	10002	Norman's Lump	1987-06-04	110.00
452599	10002	Norman's Lump	1987-06-04	125.00
80749	10002	Norman's Lump	1987-10-15	110.00
510153	10002	Norman's Lump	1987-10-15	110.00
510436	10002	Norman's Lump	1987-10-15	110.00
81504	10002	Norman's Lump	1988-06-07	110.00
390143	10002	Norman's Lump	1988-06-07	110.00
340899	10002	Norman's Lump	1989-06-13	140.00
452658	10002	Norman's Lump	1990-06-11	110.00
452714	10002	Norman's Lump	1990-06-11	110.00
119170	10002	Norman's Lump South	1991-06-18	110.00
237780	10002	Norman's Lump South	1991-06-18	110.00
237869	10002	Norman's Lump South	1991-06-18	115.00
238216	10002	Norman's Lump South	1991-06-18	120.00
500791	10002	Norman's Lump South	1991-06-18	110.00
500984	10002	Norman's Lump South	1991-06-18	110.00
501207	10002	Norman's Lump South	1991-06-18	110.00
550666	10002	Norman's Lump South	1991-06-18	115.00
568162	10002	Norman's Lump South	1991-06-18	110.00
587731	10002	Norman's Lump South	1991-06-18	135.00
711765	10002	Norman's Lump South	1991-06-18	110.00
119577	10002	Norman's Lump South	1992-06-22	115.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
237886	10002	Norman's Lump South	1992-06-22	110.00
568203	10002	Norman's Lump South	1992-06-22	115.00
575356	10002	Norman's Lump South	1992-06-22	120.00
714321	10002	Norman's Lump South	1992-06-22	115.00
501178	10002	Norman's Lump South	1993-06-11	110.00
531450	10002	Norman's Lump South	1993-06-11	110.00
550606	10002	Norman's Lump South	1993-06-11	110.00
567793	10002	Norman's Lump South	1993-06-11	115.00
568166	10002	Norman's Lump South	1993-06-11	110.00
711752	10002	Norman's Lump South	1993-06-11	110.00
657771	10002	Norman's South	1993-06-16	115.00
719953	10002	Norman's South	1993-06-16	110.00
812997	10002	Norman's South	1993-06-16	110.00
821514	10002	Norman's South	1993-06-16	110.00
821517	10002	Norman's South	1993-06-16	110.00
837900	10002	Norman's South	1993-06-16	120.00
837913	10002	Norman's South	1993-06-16	110.00
16717	10002	Paradise Flats	1985-09-12	110.00
273368	10002	Paradise Flats	1985-09-12	120.00
16602	10002	Paradise Flats	1985-11-06	115.00
16596	10002	Paradise Flats	1986-01-07	115.00
23513	10002	Paradise Flats	1986-01-07	115.00
51836	10002	Paradise Flats	1986-01-07	115.00
76004	10002	Paradise Flats	1986-01-07	115.00
83688	10002	Paradise Flats	1986-01-07	120.00
138681	10002	Paradise Flats	1986-01-07	115.00
16569	10002	Paradise Flats	1986-04-30	120.00
16591	10002	Paradise Flats	1986-04-30	110.00
16593	10002	Paradise Flats	1986-04-30	110.00
16604	10002	Paradise Flats	1986-04-30	110.00
16715	10002	Paradise Flats	1986-04-30	125.00
23491	10002	Paradise Flats	1986-04-30	110.00
23512	10002	Paradise Flats	1986-04-30	110.00
23517	10002	Paradise Flats	1986-04-30	110.00
23526	10002	Paradise Flats	1986-04-30	110.00
38130	10002	Paradise Flats	1986-04-30	120.00
38230	10002	Paradise Flats	1986-04-30	110.00
38232	10002	Paradise Flats	1986-04-30	120.00
51835	10002	Paradise Flats	1986-04-30	110.00
51865	10002	Paradise Flats	1986-04-30	115.00
76020	10002	Paradise Flats	1986-04-30	125.00
76030	10002	Paradise Flats	1986-04-30	130.00
76031	10002	Paradise Flats	1986-04-30	110.00
76131	10002	Paradise Flats	1986-04-30	110.00
83693	10002	Paradise Flats	1986-04-30	110.00
83694	10002	Paradise Flats	1986-04-30	110.00
138678	10002	Paradise Flats	1986-04-30	110.00
138683	10002	Paradise Flats	1986-04-30	110.00
138706	10002	Paradise Flats	1986-04-30	120.00
273363	10002	Paradise Flats	1986-04-30	110.00
16589	10002	Paradise Flats	1986-07-31	110.00
16714	10002	Paradise Flats	1986-07-31	170.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
38159	10002	Paradise Flats	1986-07-31	150.00
51840	10002	Paradise Flats	1986-07-31	110.00
76053	10002	Paradise Flats	1986-07-31	130.00
138696	10002	Paradise Flats	1986-07-31	110.00
138700	10002	Paradise Flats	1986-07-31	115.00
23508	10002	Paradise Flats	1986-09-24	120.00
38188	10002	Paradise Flats	1986-09-24	140.00
51862	10002	Paradise Flats	1986-09-24	115.00
51893	10002	Paradise Flats	1986-09-24	110.00
76103	10002	Paradise Flats	1986-09-24	115.00
105863	10002	Paradise Flats	1986-09-24	120.00
16699	10002	Paradise Flats	1987-09-10	110.00
38208	10002	Paradise Flats	1987-09-10	110.00
273460	10002	Paradise Flats	1988-09-27	120.00
51918	10002	Paradise Flats	1989-09-05	110.00
190227	10002	Platform Bar	1982-09-01	110.00
580917	10002	Platform Bar	1982-09-01	120.00
580936	10002	Platform Bar	1982-09-01	110.00
683667	10002	Platform Bar	1982-09-01	110.00
698000	10002	Platform Bar	1982-09-01	120.00
698004	10002	Platform Bar	1982-09-01	130.00
747162	10002	Platform Bar	1982-09-01	110.00
747165	10002	Platform Bar	1982-09-01	145.00
811704	10002	Platform Bar	1982-09-01	120.00
655627	10002	Platform Bar	1982-12-01	110.00
655667	10002	Platform Bar	1982-12-01	115.00
655763	10002	Platform Bar	1982-12-01	115.00
683624	10002	Platform Bar	1982-12-01	125.00
683627	10002	Platform Bar	1982-12-01	110.00
615156	10002	Platform Bar	1983-06-01	115.00
728415	10002	Platform Bar	1983-06-01	110.00
190388	10002	Platform Bar	1984-06-01	120.00
192015	10002	Platform Bar	1984-06-01	120.00
574242	10002	Platform Bar	1984-06-01	115.00
615161	10002	Platform Bar	1984-06-01	110.00
728534	10002	Platform Bar	1984-06-01	110.00
814221	10002	Platform Bar	1984-06-01	110.00
192075	10002	Platform Bar	1984-12-01	115.00
333474	10002	Platform Bar	1984-12-01	110.00
738599	10002	Platform Bar	1984-12-01	110.00
738850	10002	Platform Bar	1984-12-01	120.00
190268	10002	Platform Bar	1985-05-29	110.00
190329	10002	Platform Bar	1985-05-29	115.00
192663	10002	Platform Bar	1985-05-29	110.00
194388	10002	Platform Bar	1985-05-29	110.00
334036	10002	Platform Bar	1985-05-29	110.00
334078	10002	Platform Bar	1985-05-29	125.00
334081	10002	Platform Bar	1985-05-29	110.00
335460	10002	Platform Bar	1985-05-29	125.00
335629	10002	Platform Bar	1985-05-29	130.00
335630	10002	Platform Bar	1985-05-29	120.00
573927	10002	Platform Bar	1985-05-29	115.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
573949	10002	Platform Bar	1985-05-29	120.00
578118	10002	Platform Bar	1985-05-29	110.00
578144	10002	Platform Bar	1985-05-29	110.00
578162	10002	Platform Bar	1985-05-29	110.00
578287	10002	Platform Bar	1985-05-29	110.00
578331	10002	Platform Bar	1985-05-29	110.00
578451	10002	Platform Bar	1985-05-29	115.00
638650	10002	Platform Bar	1985-05-29	125.00
638706	10002	Platform Bar	1985-05-29	125.00
638879	10002	Platform Bar	1985-05-29	110.00
638882	10002	Platform Bar	1985-05-29	110.00
676970	10002	Platform Bar	1985-05-29	125.00
677010	10002	Platform Bar	1985-05-29	110.00
677126	10002	Platform Bar	1985-05-29	130.00
677129	10002	Platform Bar	1985-05-29	120.00
677154	10002	Platform Bar	1985-05-29	110.00
677156	10002	Platform Bar	1985-05-29	110.00
677301	10002	Platform Bar	1985-05-29	120.00
683672	10002	Platform Bar	1985-05-29	110.00
694686	10002	Platform Bar	1985-05-29	125.00
694691	10002	Platform Bar	1985-05-29	110.00
694832	10002	Platform Bar	1985-05-29	110.00
694977	10002	Platform Bar	1985-05-29	115.00
694978	10002	Platform Bar	1985-05-29	110.00
741376	10002	Platform Bar	1985-05-29	110.00
741969	10002	Platform Bar	1985-05-29	110.00
742384	10002	Platform Bar	1985-05-29	110.00
742489	10002	Platform Bar	1985-05-29	130.00
742491	10002	Platform Bar	1985-05-29	120.00
743457	10002	Platform Bar	1985-05-29	120.00
743461	10002	Platform Bar	1985-05-29	110.00
811771	10002	Platform Bar	1985-05-29	120.00
811800	10002	Platform Bar	1985-05-29	115.00
821690	10002	Platform Bar	1985-05-29	120.00
821699	10002	Platform Bar	1985-05-29	110.00
821742	10002	Platform Bar	1985-05-29	115.00
333272	10002	Platform Bar	1987-09-09	120.00
615082	10002	Platform Bar	1987-09-09	110.00
683740	10002	Platform Bar	1987-09-09	120.00
728495	10002	Platform Bar	1987-09-09	120.00
811805	10002	Platform Bar	1987-09-09	110.00
190372	10002	Platform Bar	1988-06-07	110.00
333661	10002	Platform Bar	1988-06-07	110.00
577761	10002	Platform Bar	1988-06-07	120.00
655837	10002	Platform Bar	1988-06-07	110.00
574041	10002	Platform Bar	1988-09-29	110.00
822301	10002	Platform Bar	1989-09-06	130.00
195040	10002	Platform Bar	1990-06-14	110.00
62233	10002	Platform Bar East	1991-06-19	110.00
62313	10002	Platform Bar East	1991-06-19	110.00
366384	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

5071 - Oyster shell heights and taxonomic diversity in 2015-2017 among previously documented oiled and non-oiled reefs in Louisiana, Alabama, and the Florida panhandle

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
268097	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: **112.41**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
645246	5073	FLAJ55-D0301-TE40072-06Q	2013-03-01	114
385409	5073	FLAJ55-D0301-TE40074-03Q	2013-03-01	117
217260	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