

Oyster/Oyster Reef Indicator Quantile Report

SEACAR Analysis

Last compiled on 21 January, 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)	10
Shell Height(0.25)	11
Shell Height(0.33)	16
High Quantile	18
Indicator: Density	18
Number of Oysters Counted - Dead(0.0625)	18
Number of Oysters Counted - Dead(0.1)	19
Number of Oysters Counted - Dead(0.25)	20
Number of Oysters Counted - Dead(1)	21
Number of Oysters Counted - Live(0.0625)	22
Number of Oysters Counted - Live(0.1)	23
Number of Oysters Counted - Live(0.25)	24
Number of Oysters Counted - Live(1)	25
Number of Oysters Counted - Total(0.0625)	26
Number of Oysters Counted - Total(0.1)	27
Number of Oysters Counted - Total(0.25)	28
Number of Oysters Counted - Total(1)	29
Indicator: Percent Live	30
Indicator: Size Class	30
Shell Height(NA)	30
Shell Height(0.0625)	31
Shell Height(0.1)	34
Shell Height(0.25)	35
Shell Height(0.33)	44
Shell Height(1)	45

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-Dec-08.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	7102.45	425.81	6164	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	192.14	36.03	1173	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	16052.00	723.89	1121	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	6557	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	37.29	98011	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
154070	5035	8848	2018-10-02 21:21:56	8.06
158135	5035	8848	2018-10-02 21:21:56	6.58
159886	5035	8848	2018-10-02 21:21:56	4.47
168030	5035	8848	2018-10-02 21:21:56	7.17
170323	5035	8848	2018-10-02 21:21:56	7.93
170573	5035	8848	2018-10-02 21:21:56	6.86
174679	5035	8848	2018-10-02 21:21:56	8.02
174748	5035	8848	2018-10-02 21:21:56	7.42
174783	5035	8848	2018-10-02 21:21:56	7.51
463536	5035	8876	2018-10-29 14:09:53	4.00
471132	5035	8876	2018-10-29 14:09:53	8.00
471135	5035	8876	2018-10-29 14:09:53	7.00
476705	5035	8876	2018-10-29 14:09:53	8.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
218130	5035	8877	2018-10-29 14:14:56	7.00
218136	5035	8877	2018-10-29 14:14:56	7.00
239264	5035	8877	2018-10-29 14:14:56	4.00
239268	5035	8877	2018-10-29 14:14:56	6.00
524888	5035	8878	2018-10-29 14:11:27	8.00
525560	5035	8878	2018-10-29 14:11:27	7.00
542973	5035	8878	2018-10-29 14:11:27	6.00
569564	5035	8878	2018-10-29 14:11:27	7.00
579651	5035	8878	2018-10-29 14:11:27	6.00
579723	5035	8878	2018-10-29 14:11:27	8.00
599413	5035	8881	2018-10-29 16:12:45	8.00
676132	5035	8881	2018-10-29 16:12:45	7.00
682725	5035	8881	2018-10-29 16:12:45	7.00
239684	5035	8882	2018-10-29 18:16:46	8.00
233180	5035	8892	2018-10-04 22:15:47	7.70
782745	5035	8905	2018-10-03 21:43:38	8.15
793897	5035	8905	2018-10-03 21:43:38	7.55
517048	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
97612	4000	BU3	2020-02-14	1.0
102068	4000	BU3	2020-02-14	1.0
102649	4000	BU3	2020-02-14	1.0
107391	4000	BU3	2020-02-14	1.0
728570	4000	GR101	2016-07-08	1.4
728732	4000	GR101	2016-07-08	1.0
751957	4000	GR101	2016-07-08	1.0
767912	4000	GR101	2016-07-08	1.4
776865	4000	GR101	2016-07-08	1.4
817456	4000	GR101	2016-07-08	1.1
38227	4000	GR102	2016-07-27	1.5
46258	4000	GR102	2016-07-27	1.6
46536	4000	GR250	2015-12-10	1.5
199211	4000	GR5A	2016-09-07	1.4
199797	4000	GR5A	2016-09-07	1.2
201897	4000	GR5A	2016-09-07	1.1
204442	4000	GR5A	2016-09-07	1.5
214519	4000	GR5A	2016-09-07	0.7
219735	4000	GR5A	2016-09-07	0.7
219874	4000	GR5A	2016-09-07	1.5
219922	4000	GR5A	2016-09-07	1.0
219925	4000	GR5A	2016-09-07	1.3
221195	4000	GR5A	2016-09-07	1.4
635848	4000	GR65	2016-09-07	1.2
665974	4000	GR65	2016-09-07	1.6
666270	4000	GR65	2016-09-07	1.4
666816	4000	GR65	2016-09-07	1.4
666926	4000	GR65	2016-09-07	1.3
669147	4000	GR65	2016-09-07	1.4
672253	4000	GR65	2016-09-07	1.3
672917	4000	GR65	2016-09-07	1.5
673170	4000	GR65	2016-09-07	1.4
389364	4000	GR73	2016-09-06	1.6
811980	4000	SR41	2016-08-17	1.3
556100	4000	SR70	2016-07-12	1.2
556149	4000	SR70	2016-07-12	1.1
556539	4000	SR70	2016-07-12	1.3
574379	4000	SR70	2016-07-12	1.3
602568	4000	SR70	2016-07-12	1.2
602778	4000	SR70	2016-07-12	1.0
602866	4000	SR70	2016-07-12	0.7
102850	4000	SR71	2016-07-13	1.0
105445	4000	SR71	2016-07-13	1.3
106351	4000	SR71	2016-07-13	1.4
106548	4000	SR71	2016-07-13	0.9
110532	4000	SR71	2016-07-13	1.2
114931	4000	SR71	2016-07-13	1.4
517061	4000	SR8	2016-12-28	1.6

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
114528	4000	SR86	2016-08-17	1.3
118822	4000	SR86	2016-08-17	1.3
123850	4000	SR86	2016-08-17	1.6
155374	4012	TB Reference	2017-02-02	0.0
503673	4016	IR26	2021-06-21	0.0
518573	4016	IR26	2021-06-21	0.0
550619	4016	IR26	2021-06-21	0.0
370033	4016	Jack Island	2023-05-17	0.0
398056	4016	Jack Island	2023-05-17	0.0
442887	4016	SL1	2021-06-22	0.0
456264	4016	SL1	2021-06-22	0.0
306014	4042	699b	2015-03-05	0.0
624898	5017	MLC20	2015-06-10	1.3
636	5017	MLC21	2015-06-03	1.0
711	5017	MLC21	2015-06-03	1.0
714	5017	MLC21	2015-06-03	1.0
819	5017	MLC21	2015-06-03	1.0
841	5017	MLC21	2015-06-03	1.0
850	5017	MLC21	2015-06-03	1.0
905	5017	MLC21	2015-06-03	1.0
978	5017	MLC21	2015-06-03	1.0
998	5017	MLC21	2015-06-03	1.0
1253	5017	MLC21	2015-06-03	1.0
1266	5017	MLC21	2015-06-03	1.0
1268	5017	MLC21	2015-06-03	1.0
1317	5017	MLC21	2015-06-03	1.0
1590	5017	MLC21	2015-06-03	1.0
1594	5017	MLC21	2015-06-03	1.0
1664	5017	MLC21	2015-06-03	1.0
1806	5017	MLC21	2015-06-03	1.0
2057	5017	MLC21	2015-06-03	1.0
2744	5017	MLC21	2015-06-03	1.0
539086	5017	MLC25	2015-06-04	1.5
615145	5017	MLC5	2015-06-10	1.6
615283	5017	MLC5	2015-06-10	1.6
615286	5017	MLC5	2015-06-10	1.4
153467	5017	MLCBU12	2015-06-03	1.5
153579	5017	MLCBU12	2015-06-03	1.0
167315	5017	MLCBU12	2015-06-03	1.0
216526	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
629100	5063	240	2016-11-13	3
236198	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
707420	4012	TB_Restore	2016-02-23	1.54
740736	4012	TB_Restore	2016-02-23	0.53
741655	4012	TB_Restore	2016-02-23	0.33
763939	4012	TB_Restore	2016-02-23	1.82
763964	4012	TB_Restore	2016-02-23	0.64
765689	4012	TB_Restore	2016-02-23	1.35
780157	4012	TB_Restore	2016-02-23	0.38
781203	4012	TB_Restore	2016-02-23	0.54
782053	4012	TB_Restore	2016-02-23	0.60
786126	4012	TB_Restore	2016-02-23	1.66
786527	4012	TB_Restore	2016-02-23	0.05
787082	4012	TB_Restore	2016-02-23	0.00
787222	4012	TB_Restore	2016-02-23	0.77
787223	4012	TB_Restore	2016-02-23	0.16
787224	4012	TB_Restore	2016-02-23	0.67
789345	4012	TB_Restore	2016-02-23	0.47
789630	4012	TB_Restore	2016-02-23	0.07
790305	4012	TB_Restore	2016-02-23	0.86
790306	4012	TB_Restore	2016-02-23	0.33
790490	4012	TB_Restore	2016-02-23	1.57
790491	4012	TB_Restore	2016-02-23	0.77
801028	4012	TB_Restore	2016-02-23	0.50
803017	4012	TB_Restore	2016-02-23	0.50
825607	4012	TB_Restore	2016-02-23	1.55
825709	4012	TB_Restore	2016-02-23	0.88
825710	4012	TB_Restore	2016-02-23	0.33
825712	4012	TB_Restore	2016-02-23	0.64
684288	4044	NRDA_APA-CP-MP2	2019-12-10	1.00
778643	4044	NRDA_APA-DB-MP2	2021-09-30	1.00
685589	4044	NRDA_APA-DB-MP3	2018-02-13	1.00
56392	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
56447	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
56535	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
61391	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
61611	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
61853	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
61860	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
58320	4044	NRDA_APA-HB-MP1	2017-11-30	1.00
55644	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
55735	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
60180	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
63054	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
63923	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
64018	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
224749	4044	NRDA_APA-HB-MP2	2017-11-30	1.00
129144	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
131529	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
133503	4044	NRDA_APA-LG-MP1	2021-09-21	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
138493	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
10503	4044	NRDA_APA-LG-MP2	2021-09-21	1.00
251967	4044	NRDA_APA-LH-MP2	2017-06-09	1.00
242786	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
254795	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
411830	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
484473	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
485129	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
432381	4044	NRDA_APA-NBM-MP1	2021-12-02	1.00
287338	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
331478	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
6427	4044	NRDA_APA-NS-MP1	2021-09-21	1.00
597539	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
648475	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
653722	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
165817	4044	NRDA_APA-RC1-MP2	2017-07-05	1.00
73459	5007	R-9MB-MP1	2021-04-12	0.00
74369	5007	R-9MB-MP1	2021-04-12	0.00
74370	5007	R-9MB-MP1	2021-04-12	0.00
75993	5007	R-9MB-MP1	2021-04-12	0.00
75994	5007	R-9MB-MP1	2021-04-12	0.00
76699	5007	R-9MB-MP1	2021-04-12	0.00
76700	5007	R-9MB-MP1	2021-04-12	0.00
80914	5007	R-9MB-MP1	2021-04-12	0.00
80916	5007	R-9MB-MP1	2021-04-12	0.00
80917	5007	R-9MB-MP1	2021-04-12	0.00
83049	5007	R-9MB-MP1	2021-04-12	0.00
83862	5007	R-9MB-MP1	2021-04-12	0.00
83867	5007	R-9MB-MP1	2021-04-12	0.00
83868	5007	R-9MB-MP1	2021-04-12	0.00
600013	5007	R-CP-MP1	2019-08-16	1.00
387824	5007	R-CP-MP3	2019-08-13	1.00
388003	5007	R-CP-MP3	2019-08-13	1.00
398849	5007	R-CP-MP3	2019-08-13	1.00
33840	5007	R-CPS-MP1	2019-08-23	1.00
14771	5007	R-CPS-MP1	2021-06-17	1.00
20959	5007	R-CPS-MP1	2021-06-17	1.00
22931	5007	R-CPS-MP1	2021-06-17	1.00
23292	5007	R-CPS-MP1	2021-06-17	1.00
24711	5007	R-CPS-MP1	2021-06-17	1.00
24796	5007	R-CPS-MP1	2021-06-17	1.00
25457	5007	R-CPS-MP1	2021-06-17	1.00
26797	5007	R-CPS-MP1	2021-06-17	1.00
28440	5007	R-CPS-MP1	2021-06-17	1.00
28505	5007	R-CPS-MP1	2021-06-17	1.00
28947	5007	R-CPS-MP1	2021-06-17	1.00
29838	5007	R-CPS-MP1	2021-06-17	1.00
30878	5007	R-CPS-MP1	2021-06-17	1.00
34758	5007	R-CPS-MP1	2021-06-17	1.00
34821	5007	R-CPS-MP1	2021-06-17	1.00
34832	5007	R-CPS-MP1	2021-06-17	1.00
148140	5007	R-CPS-MP2	2021-06-17	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
156247	5007	R-CPS-MP2	2021-06-17	1.00
161433	5007	R-CPS-MP2	2021-06-17	1.00
161494	5007	R-CPS-MP2	2021-06-17	1.00
164136	5007	R-CPS-MP2	2021-06-17	1.00
708244	5007	R-EH1-MP1	2019-07-31	1.00
708251	5007	R-EH1-MP1	2021-06-24	1.00
708267	5007	R-EH1-MP1	2021-06-24	1.00
742543	5007	R-EH1-MP1	2021-06-24	1.00
742606	5007	R-EH1-MP1	2021-06-24	1.00
767334	5007	R-EH1-MP1	2021-06-24	1.00
782640	5007	R-EH1-MP1	2021-06-24	1.00
782648	5007	R-EH1-MP1	2021-06-24	1.00
782929	5007	R-EH1-MP1	2021-06-24	1.00
789232	5007	R-EH1-MP1	2021-06-24	1.00
791031	5007	R-EH1-MP1	2021-06-24	1.00
804191	5007	R-EH1-MP1	2021-06-24	1.00
804496	5007	R-EH1-MP1	2021-06-24	1.00
804751	5007	R-EH1-MP1	2021-06-24	1.00
804839	5007	R-EH1-MP1	2021-06-24	1.00
78298	5007	R-EH1-MP2	2018-09-13	1.00
74900	5007	R-EH1-MP2	2021-06-24	1.00
560681	5007	R-EH1-MP4	2019-07-30	1.00
177579	5007	R-HB1-MP1	2018-06-26	1.00
710843	5007	R-HB1-MP2	2021-01-13	1.00
783567	5007	R-HB1-MP2	2021-01-13	1.00
791146	5007	R-HB1-MP2	2021-01-13	1.00
791444	5007	R-HB1-MP2	2021-01-13	1.00
792268	5007	R-HB1-MP2	2021-01-13	1.00
729816	5007	R-HB2-MP1	2018-06-26	1.00
784831	5007	R-HB2-MP1	2018-06-26	1.00
804581	5007	R-HB2-MP1	2018-06-26	1.00
804767	5007	R-HB2-MP1	2018-06-26	1.00
815582	5007	R-HB2-MP1	2018-06-26	1.00
815648	5007	R-HB2-MP1	2018-06-26	1.00
535838	5007	R-ME-MP2	2019-08-21	1.00
498865	5007	R-NS2-MP1	2018-06-25	1.00
575493	5007	R-NS2-MP1	2018-06-25	1.00
420525	5007	R-NS2-MP2	2018-06-25	1.00
443603	5007	R-NS2-MP2	2018-06-25	1.00
481670	5007	R-NS2-MP2	2018-06-25	1.00
493644	5007	R-NS2-MP2	2018-06-25	1.00
493702	5007	R-NS2-MP2	2020-12-15	0.00
753712	5007	R-PR-MP1	2019-08-21	1.00
830058	5007	R-PR-MP1	2019-08-21	1.00
734042	5007	R-PR-MP1	2021-06-24	1.00
787339	5007	R-PR-MP1	2021-06-24	1.00
817526	5007	R-PR-MP1	2021-06-24	1.00
817567	5007	R-PR-MP1	2021-06-24	1.00
818260	5007	R-PR-MP1	2021-06-24	1.00
830178	5007	R-PR-MP1	2021-06-24	1.00
830192	5007	R-PR-MP1	2021-06-24	1.00
356641	5007	R-PR-MP2	2021-06-24	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
356646	5007	R-PR-MP2	2021-06-24	1.00
373167	5007	R-PR-MP2	2021-06-24	1.00
373315	5007	R-PR-MP2	2021-06-24	1.00
389229	5007	R-PR-MP2	2021-06-24	1.00
403108	5007	R-PR-MP2	2021-06-24	1.00
423657	5007	R-PR-MP2	2021-06-24	1.00
169656	5007	R-SB-MP1	2018-09-13	1.00
174760	5007	R-SB-MP1	2018-09-13	1.00
182622	5007	R-SB-MP1	2018-09-13	1.00
182735	5007	R-SB-MP1	2018-09-13	1.00
185260	5007	R-SB-MP1	2018-09-13	1.00
185298	5007	R-SB-MP1	2018-09-13	1.00
185363	5007	R-SB-MP1	2018-09-13	1.00
377529	10002	East Hole	2003-09-30	1.00
377530	10002	East Hole	2003-09-30	1.00
377580	10002	East Hole	2003-09-30	1.00
377586	10002	East Hole	2003-09-30	1.00
378084	10002	East Hole	2003-09-30	1.00
378116	10002	East Hole	2003-09-30	1.00
378117	10002	East Hole	2003-09-30	1.00
378187	10002	East Hole	2003-09-30	1.00
378191	10002	East Hole	2003-09-30	1.00
378254	10002	East Hole	2003-09-30	1.00
394843	10002	East Hole	2003-09-30	1.00
394844	10002	East Hole	2003-09-30	1.00
395158	10002	East Hole	2003-09-30	1.00
395197	10002	East Hole	2003-09-30	1.00
395203	10002	East Hole	2003-09-30	1.00
395205	10002	East Hole	2003-09-30	1.00
395266	10002	East Hole	2003-09-30	1.00
395267	10002	East Hole	2003-09-30	1.00
395270	10002	East Hole	2003-09-30	1.00
395308	10002	East Hole	2003-09-30	1.00
395309	10002	East Hole	2003-09-30	1.00
409327	10002	East Hole	2003-09-30	1.00
409328	10002	East Hole	2003-09-30	1.00
409673	10002	East Hole	2003-09-30	1.00
409674	10002	East Hole	2003-09-30	1.00
427652	10002	East Hole	2003-09-30	1.00
427653	10002	East Hole	2003-09-30	1.00
427974	10002	East Hole	2003-09-30	1.00
428019	10002	East Hole	2003-09-30	1.00
428020	10002	East Hole	2003-09-30	1.00
428196	10002	East Hole	2003-09-30	1.00
428197	10002	East Hole	2003-09-30	1.00
428227	10002	East Hole	2003-09-30	1.00
428228	10002	East Hole	2003-09-30	1.00
428230	10002	East Hole	2003-09-30	1.00
428380	10002	East Hole	2003-09-30	1.00
428381	10002	East Hole	2003-09-30	1.00
428424	10002	East Hole	2003-09-30	1.00
428426	10002	East Hole	2003-09-30	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
428475	10002	East Hole	2003-09-30	1.00
428516	10002	East Hole	2003-09-30	1.00
432977	10002	East Hole	2003-09-30	1.00
432978	10002	East Hole	2003-09-30	1.00
433313	10002	East Hole	2003-09-30	1.00
433473	10002	East Hole	2003-09-30	1.00
433474	10002	East Hole	2003-09-30	1.00
433475	10002	East Hole	2003-09-30	1.00
433520	10002	East Hole	2003-09-30	1.00
433521	10002	East Hole	2003-09-30	1.00
433524	10002	East Hole	2003-09-30	1.00
433599	10002	East Hole	2003-09-30	1.00
433600	10002	East Hole	2003-09-30	1.00
443894	10002	East Hole	2003-09-30	1.00
443895	10002	East Hole	2003-09-30	1.00
443896	10002	East Hole	2003-09-30	1.00
444152	10002	East Hole	2003-09-30	1.00
444199	10002	East Hole	2003-09-30	1.00
444200	10002	East Hole	2003-09-30	1.00
444201	10002	East Hole	2003-09-30	1.00
444202	10002	East Hole	2003-09-30	1.00
444203	10002	East Hole	2003-09-30	1.00
444235	10002	East Hole	2003-09-30	1.00
444236	10002	East Hole	2003-09-30	1.00
444239	10002	East Hole	2003-09-30	1.00
444306	10002	East Hole	2003-09-30	1.00
444307	10002	East Hole	2003-09-30	1.00
444308	10002	East Hole	2003-09-30	1.00
444661	10002	East Hole	2003-09-30	1.00
444662	10002	East Hole	2003-09-30	1.00
445127	10002	East Hole	2003-09-30	1.00
445135	10002	East Hole	2003-09-30	1.00
445136	10002	East Hole	2003-09-30	1.00
445183	10002	East Hole	2003-09-30	1.00
445184	10002	East Hole	2003-09-30	1.00
445447	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
705813	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
232932	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
104514	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
834195	4014	10	2003-09-22	201
49812	4014	12	2003-09-22	168
577190	4014	5	2003-07-22	178
314500	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
572593	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: **192.14**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
232862	5017	GMS16	2016-06-14	193
261485	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
677610	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
706853	4012	TB_Restore	2016-03-01	512
117727	4014	10	2003-09-22	695
320299	4014	13	2003-10-21	901
1641	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
828454	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
112139	4000	PF323	2015-12-16	571
314315	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
679891	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
117726	4014	10	2003-09-22	896
806864	4014	12	2003-09-22	584
294939	4014	13	2003-10-21	1028
792375	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
572634	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
475519	5035	8849	2018-09-11 19:39:45	145.71
237925	5035	8850	2018-09-11 19:48:19	141.75
238733	5035	8850	2018-09-11 19:48:19	146.25
569064	5035	8853	2018-09-11 20:52:58	140.79
477742	5035	8897	2018-10-05 20:53:20	138.49
676917	5035	8922	2018-09-04 21:46:47	136.42
169730	5072	8CI1	2012-06-22 00:00:00	139.24
170200	5072	8CI1	2012-06-22 00:00:00	154.08
172580	5072	8CI1	2013-06-04 00:00:00	136.65
185816	5072	8CI1	2013-06-04 00:00:00	151.20
187544	5072	8CI1	2013-06-05 00:00:00	156.81
185631	5072	8CI1	2013-06-07 00:00:00	136.24
175206	5072	8CI1	2013-06-11 00:00:00	147.93
183864	5072	8CI1	2013-06-11 00:00:00	148.80
186024	5072	8CI1	2013-06-11 00:00:00	169.00
169980	5072	8CI1	2013-06-12 00:00:00	161.95
172582	5072	8CI1	2013-06-12 00:00:00	134.81
172585	5072	8CI1	2013-06-17 00:00:00	151.87
187496	5072	8CI1	2013-06-17 00:00:00	139.88
553350	5072	8CI41	2011-06-08 00:00:00	139.21
554129	5072	8CI41	2011-06-10 00:00:00	134.76
543360	5072	8CI41	2011-06-13 00:00:00	144.33
516978	5072	8CI41	2011-06-15 00:00:00	155.00
502502	5072	8CI41	2011-06-17 00:00:00	169.18
543353	5072	8CI41	2011-06-17 00:00:00	139.01
550101	5072	8CI41	2011-06-17 00:00:00	135.63
550102	5072	8CI41	2011-06-17 00:00:00	150.98
550218	5072	8CI41	2011-06-17 00:00:00	135.23
553024	5072	8CI41	2011-06-17 00:00:00	151.26
553075	5072	8CI41	2011-06-17 00:00:00	139.33
502462	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
637775	4000	FM32	2018-09-10	126.5
100930	4000	GR1	2014-05-22	136.6
100000	4000	GR1	2015-07-22	138.7
100516	4000	GR1	2016-08-22	134.8
104013	4000	GR1	2016-08-22	132.0
692779	4000	GR11	2016-02-17	150.9
752229	4000	GR11	2016-02-17	135.7
771259	4000	GR11	2016-02-17	127.8
787035	4000	GR11	2016-02-17	140.1
729071	4000	GR11	2022-03-16	150.5
752296	4000	GR11	2022-03-16	150.1
771387	4000	GR11	2022-03-16	133.5
777216	4000	GR11	2022-03-16	152.1
787108	4000	GR11	2022-03-16	128.3
787110	4000	GR11	2022-03-16	129.5
787196	4000	GR11	2022-03-16	150.0
817766	4000	GR11	2022-03-16	127.6
817855	4000	GR11	2022-03-16	137.2
208669	4000	GR1A	2018-09-11	142.1
101424	4000	GR21	2016-09-12	128.7
152078	4000	GR2A	2016-07-27	142.9
152348	4000	GR2A	2016-07-27	131.3
217982	4000	GR2B	2020-02-17	132.0
515191	4000	GR30	2016-09-12	129.2
515195	4000	GR30	2016-09-12	146.8
446638	4000	GR30	2022-03-16	143.4
487920	4000	GR30	2022-03-16	127.6
487924	4000	GR30	2022-03-16	145.8
512711	4000	GR30	2022-03-16	126.5
512764	4000	GR30	2022-03-16	158.0
515425	4000	GR30	2022-03-16	133.8
516791	4000	GR30	2022-03-16	128.9
523201	4000	GR30	2022-03-16	135.6
523232	4000	GR30	2022-03-16	153.2
525063	4000	GR30	2022-03-16	135.0
810467	4000	GR32	2016-08-24	126.7
588608	4000	GR4	2015-07-23	128.7
47958	4000	GR5	2022-01-13	135.1
447225	4000	GR70	2016-02-17	163.0
149138	4000	GR78	2016-08-24	138.8
163724	4000	GR78	2016-08-24	135.3
447620	4000	MC2	2015-06-22	237.2
434295	4000	SA443	2016-08-26	129.8
145925	4000	SR1A	2016-08-10	152.9
770426	4000	SR4	2014-06-03	130.2
778655	4000	SR4	2014-07-03	130.2
778885	4000	SR4	2015-01-27	132.4
374921	4000	SR5	2015-06-23	126.9

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
290178	4000	SR6A	2016-07-29	146.2
817822	4000	SR7	2015-01-27	129.8
599619	4000	SR7A	2016-07-29	126.9
613496	4000	SR7A	2016-07-29	128.1
489309	4000	SR8	2015-01-27	128.5
516820	4000	SR8	2015-01-27	146.5
517128	4000	SR8	2015-01-27	130.0
518343	4000	SR8	2015-01-27	137.5
525395	4000	SR8	2015-01-27	134.2
489125	4000	SR8	2015-06-23	130.7
517413	4000	SR8	2016-12-28	174.5
126178	4000	SR86	2016-08-17	131.6
126235	4000	SR86	2016-08-17	133.0
401810	4000	TR220	2016-02-29	135.2
395289	4000	TR3A	2014-06-04	137.2
764966	4000	W22GR14	2022-01-13	130.3
806014	4000	W22GR14	2022-01-13	130.5
828113	4000	W22GR14	2022-01-13	129.3
785875	4000	W23SR1	2022-11-22	136.9
621664	4000	W23SR12	2023-01-19	131.3
677090	4000	W23SR12	2023-01-19	134.9
305347	4000	W23SR13	2023-01-05	149.7
314685	4000	W23SR13	2023-01-05	132.1
519517	4000	W23SR16	2023-01-17	131.2
565016	4000	W23SR16	2023-01-17	138.7
154423	4000	W23SR4	2023-01-16	133.4
156390	4000	W23SR4	2023-01-16	139.0
280231	4000	W23SR5	2023-01-16	130.1
314784	4000	W23SR5	2023-01-16	152.6
315552	4000	W23SR5	2023-01-16	127.7
319776	4000	W23SR5	2023-01-16	145.0
319824	4000	W23SR5	2023-01-16	137.8
320990	4000	W23SR5	2023-01-16	138.4
321626	4000	W23SR5	2023-01-16	133.6
818871	4000	W23SR6	2023-01-04	139.3
828531	4000	W23SR6	2023-01-04	130.2
828532	4000	W23SR6	2023-01-04	129.6
834286	4000	W23SR6	2023-01-04	132.8
116362	4000	W23SR8	2023-01-05	135.0
537866	5017	B1 NEW	2016-06-02	139.5
104668	5017	B2	2016-05-31	142.3
105889	5017	B2	2016-05-31	126.9
116703	5017	B2	2016-05-31	149.3
116745	5017	B2	2016-05-31	129.5
608879	5017	B5	2016-06-28	164.3
465629	5017	MLC3	2015-05-30	865.0
606409	5017	MLC5	2015-06-10	344.0
615101	5017	MLC5	2015-06-10	367.0
461942	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
165785	5063	285	2016-11-15	80
132196	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
521199	4014	NWF_37_1	2008-07-18	110.00
560087	4014	NWF_39_1	2008-07-24	115.00
320392	4014	NWF_50_1	2008-07-25	110.00
117060	4014	NWF_52_1	2008-07-25	110.00
289539	4014	NWF_56_4	2013-07-02	116.00
117153	4014	NWF_76_1	2008-08-15	110.00
493400	4014	NWF_77_2	2013-07-15	110.00
114868	4014	NWF_79_2	2013-07-15	115.00
374776	4014	SWF_01_2	2008-07-01	130.00
56101	4014	SWF_02_3	2008-07-01	110.00
757500	4014	SWF_06_3	2008-07-02	110.00
1119	4014	SWF_19_1	2008-07-10	150.00
437631	4014	SWF_23_1	2013-08-15	110.00
109113	4014	SWF_25_1	2013-07-29	118.00
356892	4014	SWF_25_2	2013-07-29	125.00
403929	4014	SWF_27_1	2008-07-10	115.00
757533	4014	SWF_28_1	2008-07-11	115.00
775179	4014	SWF_28_1	2008-07-11	130.00
498750	4014	SWF_29_1	2008-07-11	110.00
168012	4014	SWF_33_1	2008-07-11	110.00
766131	4014	SWF_35_1	2008-07-11	110.00
122591	4044	NRDA_APA-CL-MP1	2023-06-26	109.00
776134	4044	NRDA_APA-CP-MP1	2017-04-18	125.00
784188	4044	NRDA_APA-CP-MP1	2017-04-18	115.00
794057	4044	NRDA_APA-CP-MP1	2017-04-18	107.00
794150	4044	NRDA_APA-CP-MP1	2017-04-18	112.00
738526	4044	NRDA_APA-CT-MP1	2018-04-02	110.00
567441	4044	NRDA_APA-CT-MP2	2017-06-30	128.00
611892	4044	NRDA_APA-CT-MP2	2017-06-30	113.00
384449	4044	NRDA_APA-LH-MP1	2017-06-09	107.00
401424	4044	NRDA_APA-LH-MP1	2018-03-15	111.00
348652	4044	NRDA_APA-LH-MP1	2023-08-09	147.00
378405	4044	NRDA_APA-LH-MP1	2023-08-09	120.00
385312	4044	NRDA_APA-LH-MP1	2023-08-09	107.00
385657	4044	NRDA_APA-LH-MP1	2023-08-09	113.00
385755	4044	NRDA_APA-LH-MP1	2023-08-09	134.00
386603	4044	NRDA_APA-LH-MP1	2023-08-09	109.00
387331	4044	NRDA_APA-LH-MP1	2023-08-09	119.00
390669	4044	NRDA_APA-LH-MP1	2023-08-09	109.00
401413	4044	NRDA_APA-LH-MP1	2023-08-09	126.00
405449	4044	NRDA_APA-LH-MP1	2023-08-09	107.00
405814	4044	NRDA_APA-LH-MP1	2023-08-09	114.00
406432	4044	NRDA_APA-LH-MP1	2023-08-09	133.00
407394	4044	NRDA_APA-LH-MP1	2023-08-09	125.00
572767	4044	NRDA_APA-NBN-MP1	2021-12-02	109.00
541840	4044	NRDA_APA-NBN-MP1	2023-08-09	109.00
621506	4044	NRDA_APA-NBN-MP1	2023-08-09	110.00
648822	4044	NRDA_APA-RC1-MP1	2018-03-05	108.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
644570	4044	NRDA_APA-RC1-MP1	2023-06-26	109.00
15020	4044	NRDA_APA-RC2-MP1	2017-07-05	138.00
20077	4044	NRDA_APA-RC2-MP1	2017-07-05	110.00
15288	4044	NRDA_APA-RC2-MP1	2023-06-26	110.00
15420	4044	NRDA_APA-RC2-MP1	2023-06-26	110.00
15594	4044	NRDA_APA-RC2-MP1	2023-06-26	108.00
16001	4044	NRDA_APA-RC2-MP1	2023-06-26	120.00
18059	4044	NRDA_APA-RC2-MP1	2023-06-26	109.00
654858	5007	R-CP-MP1	2021-04-14	107.00
34080	5007	R-CPS-MP1	2021-06-17	108.00
162244	5007	R-CPS-MP2	2021-06-17	118.00
336311	5007	R-ME-MP1	2021-06-04	108.00
580558	5007	R-ME-MP2	2021-06-04	112.00
787441	5007	R-PR-MP1	2021-06-24	120.00
787991	5007	R-PR-MP1	2021-06-24	143.00
817694	5007	R-PR-MP1	2021-06-24	129.00
401187	5007	R-PR-MP2	2021-06-24	116.00
169215	5007	R-SB-MP1	2021-06-04	112.00
189883	5007	R-SB-MP1	2021-06-04	108.00
591868	5070	Inshore 1	2016-07-25	108.47
648119	5070	Inshore 1	2016-07-25	108.47
563317	5070	Inshore 4	2016-07-25	110.25
612513	5070	Inshore 4	2016-07-25	109.16
642359	5070	Inshore 4	2016-07-25	109.16
647570	5070	Inshore 4	2016-07-25	110.25
14914	5074	Homo_18	2018-03-22	107.00
118116	5074	Homo_21	2018-03-28	107.00
123023	5074	Homo_21	2018-03-28	112.00
550610	10002	Bulkhead Plant	1989-04-21	110.00
594496	10002	Bulkhead Plant	1989-04-21	110.00
606009	10002	Bulkhead Plant	1989-04-21	135.00
294462	10002	Cabbage Lump	1984-06-14	160.00
309451	10002	Cabbage Lump	1984-06-14	130.00
317877	10002	Cabbage Lump	1984-06-14	110.00
332966	10002	Cabbage Lump	1984-06-14	130.00
333008	10002	Cabbage Lump	1984-06-14	120.00
333114	10002	Cabbage Lump	1989-09-05	110.00
307514	10002	Cabbage Lump	1992-07-13	115.00
299330	10002	Cabbage Lump	1992-09-15	125.00
306157	10002	Cabbage Lump	1992-09-15	110.00
339418	10002	Cabbage Lump	1992-09-15	110.00
26340	10002	Cat Plant	1991-06-18	115.00
32716	10002	Cat Plant	1991-06-18	110.00
25484	10002	Cat Plant	1992-06-23	110.00
26056	10002	Cat Plant	1992-06-23	125.00
27483	10002	Cat Plant	1992-06-23	115.00
27566	10002	Cat Plant	1992-06-23	110.00
27593	10002	Cat Plant	1992-06-23	125.00
28121	10002	Cat Plant	1992-06-23	110.00
28151	10002	Cat Plant	1992-06-23	115.00
31011	10002	Cat Plant	1992-06-23	110.00
31212	10002	Cat Plant	1992-06-23	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
31454	10002	Cat Plant	1992-06-23	115.00
31647	10002	Cat Plant	1992-06-23	110.00
31819	10002	Cat Plant	1992-06-23	115.00
34134	10002	Cat Plant	1992-06-23	110.00
34216	10002	Cat Plant	1992-06-23	110.00
34996	10002	Cat Plant	1992-06-23	150.00
36043	10002	Cat Plant	1992-06-23	150.00
28926	10002	Cat Plant	1993-06-22	120.00
32274	10002	Cat Plant	1993-06-22	110.00
33754	10002	Cat Plant	1993-06-22	110.00
36212	10002	Cat Plant	1993-06-22	115.00
609629	10002	Cat Point	1988-06-07	110.00
641592	10002	Cat Point	1988-06-07	120.00
665004	10002	Cat Point	1988-06-07	110.00
702400	10002	Cat Point	1990-06-14	110.00
632857	10002	Cat Point	1990-09-18	125.00
658007	10002	Cat Point	1990-09-18	120.00
630936	10002	Cat Point	1991-06-18	110.00
705281	10002	Cat Point	1991-06-18	110.00
719078	10002	Cat Point	1991-11-26	110.00
695601	10002	Cat Point	1993-04-29	110.00
36277	10002	Cat Relay	1992-06-23	135.00
36480	10002	Cat Relay	1992-06-23	110.00
39049	10002	Cat Relay	1992-06-23	110.00
40560	10002	Cat Relay	1992-06-23	110.00
44908	10002	Cat Relay	1992-06-23	120.00
416994	10002	Dry Bar	1982-09-01	110.00
428634	10002	Dry Bar	1982-09-01	110.00
454102	10002	Dry Bar	1982-09-01	110.00
417820	10002	Dry Bar	1992-11-23	125.00
449210	10002	Dry Bar	1992-11-23	120.00
457819	10002	Dry Bar	1992-11-23	115.00
415873	10002	Dry Bar	1993-06-03	120.00
416972	10002	Dry Bar	1993-06-03	110.00
441144	10002	Dry Bar	1993-06-03	110.00
447815	10002	Dry Bar	1993-06-03	110.00
714947	10002	Dry Com	1992-11-23	125.00
746260	10002	Dry Com	1992-11-23	115.00
774057	10002	Dry Com	1992-11-23	120.00
138144	10002	Dry Plant	1990-09-19	110.00
660919	10002	Dry Plant / North Spur Plant	1985-09-12	115.00
603231	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
603733	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
604512	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
626708	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
652287	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
652521	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
652703	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
653739	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
661353	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
653343	10002	Dry Plant / North Spur Plant	1985-11-06	110.00
577499	10002	Dry Plant / North Spur Plant	1986-01-07	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
578298	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
603728	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
654299	10002	Dry Plant / North Spur Plant	1986-09-25	110.00
603301	10002	Dry Plant / North Spur Plant	1987-09-10	120.00
578781	10002	Dry Plant / North Spur Plant	1988-06-09	120.00
577435	10002	Dry Plant / North Spur Plant	1989-06-14	115.00
660784	10002	Dry Plant / North Spur Plant	1989-09-07	120.00
351781	10002	East Hole	1988-06-08	120.00
364228	10002	East Hole	1989-09-06	120.00
317134	10002	East Hole	1993-06-02	110.00
318032	10002	East Hole	1993-06-02	130.00
336723	10002	East Hole	1993-06-02	110.00
337624	10002	East Hole	1993-06-02	110.00
373624	10002	East Hole	1993-06-02	115.00
373655	10002	East Hole	1993-06-02	110.00
681203	10002	Green Point Plant	1984-06-12	120.00
719151	10002	Green Point Plant	1984-06-12	110.00
742000	10002	Green Point Plant	1984-06-12	110.00
758884	10002	Green Point Plant	1984-06-12	110.00
762047	10002	Green Point Plant	1984-06-12	130.00
768305	10002	Green Point Plant	1984-06-12	110.00
768725	10002	Green Point Plant	1984-06-12	110.00
782862	10002	Green Point Plant	1984-06-12	120.00
686913	10002	Green Point Plant	1985-05-31	125.00
781193	10002	Green Point Plant	1985-05-31	110.00
814560	10002	Green Point Plant	1985-05-31	110.00
814997	10002	Green Point Plant	1985-05-31	120.00
764383	10002	Green Point Plant	1985-09-04	110.00
725171	10002	Green Point Plant	1986-04-30	110.00
773517	10002	Green Point Plant	1986-04-30	110.00
759665	10002	Green Point Plant	1986-08-01	115.00
680204	10002	Green Point Plant	1987-09-09	115.00
784665	10002	Green Point Plant	1987-09-09	115.00
810245	10002	Green Point Plant	1989-09-07	120.00
759785	10002	Green Point Plant	1990-09-18	110.00
760379	10002	Green Point Plant	1991-09-18	110.00
682309	10002	Green Point Plant	1992-07-13	125.00
765055	10002	Green Point Plant	1992-09-15	110.00
423673	10002	Lighthouse Bar	1987-06-04	115.00
423802	10002	Lighthouse Bar	1987-06-04	130.00
423867	10002	Lighthouse Bar	1987-06-04	115.00
424128	10002	Lighthouse Bar	1987-06-04	115.00
447333	10002	Lighthouse Bar	1987-06-04	110.00
485424	10002	Lighthouse Bar	1987-06-04	110.00
493757	10002	Lighthouse Bar	1987-06-04	115.00
493764	10002	Lighthouse Bar	1987-06-04	110.00
497880	10002	Lighthouse Bar	1987-06-04	120.00
498037	10002	Lighthouse Bar	1987-06-04	115.00
500704	10002	Lighthouse Bar	1987-06-04	110.00
501140	10002	Lighthouse Bar	1987-06-04	120.00
461821	10002	Lighthouse Bar	1987-10-15	110.00
498419	10002	Lighthouse Bar	1987-10-15	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
501239	10002	Lighthouse Bar	1987-10-15	110.00
423801	10002	Lighthouse Bar	1988-06-07	120.00
424274	10002	Lighthouse Bar	1988-06-07	110.00
485361	10002	Lighthouse Bar	1988-06-07	135.00
485458	10002	Lighthouse Bar	1988-06-07	135.00
490426	10002	Lighthouse Bar	1988-06-07	115.00
490427	10002	Lighthouse Bar	1988-06-07	135.00
500752	10002	Lighthouse Bar	1988-06-07	120.00
448065	10002	Lighthouse Bar	1989-06-13	110.00
461963	10002	Lighthouse Bar	1989-06-13	110.00
462332	10002	Lighthouse Bar	1989-06-13	125.00
490428	10002	Lighthouse Bar	1989-06-13	135.00
490959	10002	Lighthouse Bar	1989-06-13	120.00
498252	10002	Lighthouse Bar	1989-06-13	110.00
500762	10002	Lighthouse Bar	1989-06-13	120.00
502005	10002	Lighthouse Bar	1989-06-13	115.00
492209	10002	Lighthouse Bar	1990-06-12	140.00
498709	10002	Lighthouse Bar	1990-06-12	125.00
464246	10002	Lighthouse Bar	1990-09-20	110.00
424706	10002	Lighthouse Bar	1992-06-22	120.00
424762	10002	Lighthouse Bar	1992-06-22	110.00
431465	10002	Lighthouse Bar	1992-06-22	110.00
448863	10002	Lighthouse Bar	1992-06-22	115.00
449673	10002	Lighthouse Bar	1992-06-22	110.00
464659	10002	Lighthouse Bar	1992-06-22	110.00
471774	10002	Lighthouse Bar	1992-06-22	110.00
487734	10002	Lighthouse Bar	1992-06-22	115.00
488298	10002	Lighthouse Bar	1992-06-22	110.00
499200	10002	Lighthouse Bar	1992-06-22	110.00
499466	10002	Lighthouse Bar	1992-06-22	110.00
499538	10002	Lighthouse Bar	1992-06-22	115.00
500596	10002	Lighthouse Bar	1992-06-22	110.00
503199	10002	Lighthouse Bar	1992-06-22	110.00
508603	10002	Norman's Lump	1982-09-01	115.00
588538	10002	Norman's Lump	1982-12-01	110.00
527336	10002	Norman's Lump	1983-06-01	115.00
581728	10002	Norman's Lump	1983-06-01	115.00
573431	10002	Norman's Lump	1984-06-01	110.00
572041	10002	Norman's Lump	1984-09-01	120.00
581877	10002	Norman's Lump	1984-09-01	110.00
576618	10002	Norman's Lump	1986-06-05	110.00
578566	10002	Norman's Lump	1986-06-05	110.00
590131	10002	Norman's Lump	1986-09-23	115.00
578316	10002	Norman's Lump	1987-06-04	110.00
582366	10002	Norman's Lump	1987-06-04	115.00
589065	10002	Norman's Lump	1987-06-04	125.00
593992	10002	Norman's Lump	1987-06-04	110.00
537422	10002	Norman's Lump	1987-10-15	110.00
586732	10002	Norman's Lump	1987-10-15	110.00
589753	10002	Norman's Lump	1987-10-15	110.00
545239	10002	Norman's Lump	1988-06-07	110.00
594475	10002	Norman's Lump	1988-06-07	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
601734	10002	Norman's Lump	1989-06-13	140.00
584833	10002	Norman's Lump	1990-06-11	110.00
598905	10002	Norman's Lump	1990-06-11	110.00
415203	10002	Norman's Lump South	1991-06-18	110.00
424654	10002	Norman's Lump South	1991-06-18	110.00
424788	10002	Norman's Lump South	1991-06-18	115.00
428577	10002	Norman's Lump South	1991-06-18	110.00
443735	10002	Norman's Lump South	1991-06-18	135.00
444356	10002	Norman's Lump South	1991-06-18	110.00
449169	10002	Norman's Lump South	1991-06-18	115.00
453735	10002	Norman's Lump South	1991-06-18	110.00
460587	10002	Norman's Lump South	1991-06-18	110.00
464424	10002	Norman's Lump South	1991-06-18	120.00
464461	10002	Norman's Lump South	1991-06-18	110.00
412078	10002	Norman's Lump South	1992-06-22	115.00
428727	10002	Norman's Lump South	1992-06-22	120.00
442692	10002	Norman's Lump South	1992-06-22	115.00
459277	10002	Norman's Lump South	1992-06-22	115.00
461039	10002	Norman's Lump South	1992-06-22	110.00
387136	10002	Norman's Lump South	1993-06-11	110.00
393149	10002	Norman's Lump South	1993-06-11	110.00
408186	10002	Norman's Lump South	1993-06-11	110.00
410492	10002	Norman's Lump South	1993-06-11	110.00
418482	10002	Norman's Lump South	1993-06-11	110.00
445903	10002	Norman's Lump South	1993-06-11	115.00
578546	10002	Norman's South	1993-06-16	110.00
578547	10002	Norman's South	1993-06-16	110.00
604018	10002	Norman's South	1993-06-16	110.00
604224	10002	Norman's South	1993-06-16	110.00
607690	10002	Norman's South	1993-06-16	110.00
607834	10002	Norman's South	1993-06-16	115.00
617102	10002	Norman's South	1993-06-16	120.00
471736	10002	Paradise Flats	1985-09-12	120.00
514614	10002	Paradise Flats	1985-09-12	110.00
485448	10002	Paradise Flats	1985-11-06	115.00
444886	10002	Paradise Flats	1986-01-07	115.00
509587	10002	Paradise Flats	1986-01-07	115.00
509590	10002	Paradise Flats	1986-01-07	115.00
513516	10002	Paradise Flats	1986-01-07	115.00
519773	10002	Paradise Flats	1986-01-07	115.00
519774	10002	Paradise Flats	1986-01-07	120.00
441042	10002	Paradise Flats	1986-04-30	125.00
442625	10002	Paradise Flats	1986-04-30	130.00
445021	10002	Paradise Flats	1986-04-30	110.00
445023	10002	Paradise Flats	1986-04-30	110.00
470569	10002	Paradise Flats	1986-04-30	110.00
471047	10002	Paradise Flats	1986-04-30	110.00
474320	10002	Paradise Flats	1986-04-30	115.00
503924	10002	Paradise Flats	1986-04-30	120.00
508957	10002	Paradise Flats	1986-04-30	110.00
510011	10002	Paradise Flats	1986-04-30	110.00
510014	10002	Paradise Flats	1986-04-30	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
511743	10002	Paradise Flats	1986-04-30	110.00
513378	10002	Paradise Flats	1986-04-30	110.00
513379	10002	Paradise Flats	1986-04-30	110.00
513514	10002	Paradise Flats	1986-04-30	110.00
514532	10002	Paradise Flats	1986-04-30	120.00
514578	10002	Paradise Flats	1986-04-30	110.00
514613	10002	Paradise Flats	1986-04-30	125.00
517147	10002	Paradise Flats	1986-04-30	110.00
517187	10002	Paradise Flats	1986-04-30	120.00
517625	10002	Paradise Flats	1986-04-30	110.00
521470	10002	Paradise Flats	1986-04-30	110.00
523002	10002	Paradise Flats	1986-04-30	110.00
523320	10002	Paradise Flats	1986-04-30	120.00
480548	10002	Paradise Flats	1986-07-31	110.00
485336	10002	Paradise Flats	1986-07-31	150.00
513339	10002	Paradise Flats	1986-07-31	130.00
517621	10002	Paradise Flats	1986-07-31	110.00
521633	10002	Paradise Flats	1986-07-31	115.00
521645	10002	Paradise Flats	1986-07-31	170.00
523244	10002	Paradise Flats	1986-07-31	110.00
474633	10002	Paradise Flats	1986-09-24	115.00
481345	10002	Paradise Flats	1986-09-24	115.00
481699	10002	Paradise Flats	1986-09-24	120.00
512499	10002	Paradise Flats	1986-09-24	140.00
521222	10002	Paradise Flats	1986-09-24	110.00
523281	10002	Paradise Flats	1986-09-24	120.00
474630	10002	Paradise Flats	1987-09-10	110.00
514652	10002	Paradise Flats	1987-09-10	110.00
474498	10002	Paradise Flats	1988-09-27	120.00
519100	10002	Paradise Flats	1989-09-05	110.00
134218	10002	Platform Bar	1982-09-01	110.00
134229	10002	Platform Bar	1982-09-01	120.00
134590	10002	Platform Bar	1982-09-01	110.00
135058	10002	Platform Bar	1982-09-01	110.00
139563	10002	Platform Bar	1982-09-01	145.00
141249	10002	Platform Bar	1982-09-01	120.00
141250	10002	Platform Bar	1982-09-01	110.00
146352	10002	Platform Bar	1982-09-01	120.00
148732	10002	Platform Bar	1982-09-01	130.00
141301	10002	Platform Bar	1982-12-01	110.00
146811	10002	Platform Bar	1982-12-01	125.00
147146	10002	Platform Bar	1982-12-01	115.00
148587	10002	Platform Bar	1982-12-01	115.00
151454	10002	Platform Bar	1982-12-01	110.00
146242	10002	Platform Bar	1983-06-01	115.00
152301	10002	Platform Bar	1983-06-01	110.00
138813	10002	Platform Bar	1984-06-01	115.00
140783	10002	Platform Bar	1984-06-01	110.00
140841	10002	Platform Bar	1984-06-01	120.00
146195	10002	Platform Bar	1984-06-01	120.00
152253	10002	Platform Bar	1984-06-01	110.00
152875	10002	Platform Bar	1984-06-01	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
140470	10002	Platform Bar	1984-12-01	115.00
148206	10002	Platform Bar	1984-12-01	120.00
151678	10002	Platform Bar	1984-12-01	110.00
159048	10002	Platform Bar	1984-12-01	110.00
136854	10002	Platform Bar	1985-05-29	115.00
137682	10002	Platform Bar	1985-05-29	110.00
137788	10002	Platform Bar	1985-05-29	110.00
138859	10002	Platform Bar	1985-05-29	120.00
141012	10002	Platform Bar	1985-05-29	125.00
142379	10002	Platform Bar	1985-05-29	125.00
142727	10002	Platform Bar	1985-05-29	125.00
144113	10002	Platform Bar	1985-05-29	120.00
144298	10002	Platform Bar	1985-05-29	110.00
144713	10002	Platform Bar	1985-05-29	120.00
145216	10002	Platform Bar	1985-05-29	115.00
145217	10002	Platform Bar	1985-05-29	110.00
146232	10002	Platform Bar	1985-05-29	110.00
146279	10002	Platform Bar	1985-05-29	110.00
146312	10002	Platform Bar	1985-05-29	110.00
146571	10002	Platform Bar	1985-05-29	110.00
147321	10002	Platform Bar	1985-05-29	125.00
147866	10002	Platform Bar	1985-05-29	110.00
148445	10002	Platform Bar	1985-05-29	120.00
149057	10002	Platform Bar	1985-05-29	110.00
149634	10002	Platform Bar	1985-05-29	115.00
149640	10002	Platform Bar	1985-05-29	130.00
149667	10002	Platform Bar	1985-05-29	120.00
149676	10002	Platform Bar	1985-05-29	110.00
149679	10002	Platform Bar	1985-05-29	110.00
149684	10002	Platform Bar	1985-05-29	110.00
149838	10002	Platform Bar	1985-05-29	125.00
150418	10002	Platform Bar	1985-05-29	110.00
151813	10002	Platform Bar	1985-05-29	115.00
152120	10002	Platform Bar	1985-05-29	110.00
152721	10002	Platform Bar	1985-05-29	120.00
152996	10002	Platform Bar	1985-05-29	110.00
153133	10002	Platform Bar	1985-05-29	110.00
153392	10002	Platform Bar	1985-05-29	115.00
153549	10002	Platform Bar	1985-05-29	125.00
153790	10002	Platform Bar	1985-05-29	110.00
154142	10002	Platform Bar	1985-05-29	110.00
154387	10002	Platform Bar	1985-05-29	120.00
154650	10002	Platform Bar	1985-05-29	110.00
156056	10002	Platform Bar	1985-05-29	110.00
156206	10002	Platform Bar	1985-05-29	130.00
156232	10002	Platform Bar	1985-05-29	110.00
157264	10002	Platform Bar	1985-05-29	120.00
157305	10002	Platform Bar	1985-05-29	110.00
157311	10002	Platform Bar	1985-05-29	130.00
158476	10002	Platform Bar	1985-05-29	110.00
158564	10002	Platform Bar	1985-05-29	115.00
139674	10002	Platform Bar	1987-09-09	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
141763	10002	Platform Bar	1987-09-09	120.00
143662	10002	Platform Bar	1987-09-09	110.00
149480	10002	Platform Bar	1987-09-09	120.00
155940	10002	Platform Bar	1987-09-09	120.00
145673	10002	Platform Bar	1988-06-07	120.00
148311	10002	Platform Bar	1988-06-07	110.00
153323	10002	Platform Bar	1988-06-07	110.00
154352	10002	Platform Bar	1988-06-07	110.00
149476	10002	Platform Bar	1988-09-29	110.00
139316	10002	Platform Bar	1989-09-06	130.00
137659	10002	Platform Bar	1990-06-14	110.00
70424	10002	Platform Bar East	1991-06-19	110.00
75289	10002	Platform Bar East	1991-06-19	110.00
802266	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
113637	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
185270	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