

# Oyster Reef Indicator Quantile Report

## SEACAR Analysis

Last compiled on 19 September, 2023

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## Overview

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

- Lower quantile: 0.001
- Upper quantile: 0.999

Potential Included Parameters:

- Density
- Number of Oysters Counted - Dead
- Number of Oysters Counted - Live
- Number of Oysters Counted - Total
- Percent Live
- Reef Height
- Shell Height

The data file used for the analysis: **All\_Oyster\_Parameters-2023-Sep-05.txt**

Table 1: Indicator Quantile Overview

parameter	q_low	q_high	mean	n_tot	n_q_low	n_q_high	%_flagged
Density	0.00	7387.01	455.11	5185	0	6	0.12
Number of Oysters Counted - Dead/0.06m2	0.00	99.89	46.43	1112	0	2	0.18
Number of Oysters Counted - Dead/0.1m2	0.00	67.76	6.61	161	0	1	0.62
Number of Oysters Counted - Dead/0.25m2	0.00	168.16	5.87	2985	0	3	0.10
Number of Oysters Counted - Dead/1m2	0.00	171.62	9.37	153	0	1	0.65
Number of Oysters Counted - Dead/NA m2	0.00	27.85	5.51	51	0	1	1.96
Number of Oysters Counted - Live/0.06m2	0.00	209.61	37.77	1482	0	2	0.13
Number of Oysters Counted - Live/0.1m2	0.00	263.00	21.52	161	0	1	0.62
Number of Oysters Counted - Live/0.25m2	0.00	457.17	30.60	2998	0	3	0.10
Number of Oysters Counted - Live/1m2	0.00	267.60	15.36	201	0	1	0.50
Number of Oysters Counted - Live/NA m2	0.00	101.12	29.76	439	0	1	0.23
Number of Oysters Counted - Total/0.06m2	0.00	532.47	82.40	1897	0	2	0.11
Number of Oysters Counted - Total/0.1m2	0.00	288.20	28.14	161	0	1	0.62
Number of Oysters Counted - Total/0.25m2	0.00	584.29	36.92	2977	0	3	0.10
Number of Oysters Counted - Total/1m2	0.00	305.16	56.65	79	0	1	1.27
Number of Oysters Counted - Total/NA m2	0.00	104.50	13.92	51	0	1	1.96
Reef Height	-200.00	15685.40	387.58	2074	2	3	0.24
Shell Height/0.06m2	1.90	125.82	36.59	107326	105	108	0.20
Shell Height/0.1m2	4.06	79.94	23.98	1060	2	2	0.38
Shell Height/0.25m2	2.00	105.00	38.68	425728	240	406	0.15
Shell Height/1m2	0.00	118.30	27.06	640	0	1	0.16
Shell Height/NA m2	3.48	151.23	42.46	7450	8	8	0.21

## Low Quantile

Shell Height/0.06m2

Table 2: Flagged Values - Low Indicator Quantile: 1.9

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
885533	4000	BU3	2020-02-14	1.0
887758	4000	BU3	2020-02-14	1.0
887816	4000	BU3	2020-02-14	1.0
888748	4000	BU3	2020-02-14	1.0
811087	4000	GR101	2016-07-08	1.4
811100	4000	GR101	2016-07-08	1.7
812760	4000	GR101	2016-07-08	1.4
814362	4000	GR101	2016-07-08	1.1
814497	4000	GR101	2016-07-08	1.4
814498	4000	GR101	2016-07-08	1.0
814625	4000	GR101	2016-07-08	1.7
814824	4000	GR101	2016-07-08	1.0
760085	4000	GR102	2016-07-27	1.6
760168	4000	GR102	2016-07-27	1.5
760198	4000	GR102	2016-07-27	1.8
761161	4000	GR250	2015-12-10	1.5
766463	4000	GR5A	2016-09-07	1.4
766995	4000	GR5A	2016-09-07	1.8
766996	4000	GR5A	2016-09-07	1.5
767031	4000	GR5A	2016-09-07	1.1
767191	4000	GR5A	2016-09-07	1.7
767535	4000	GR5A	2016-09-07	1.0
767542	4000	GR5A	2016-09-07	0.7
767545	4000	GR5A	2016-09-07	0.7
767575	4000	GR5A	2016-09-07	1.4
767696	4000	GR5A	2016-09-07	1.7
767697	4000	GR5A	2016-09-07	1.8
767747	4000	GR5A	2016-09-07	1.3
767770	4000	GR5A	2016-09-07	1.2
767795	4000	GR5A	2016-09-07	1.5
777555	4000	GR65	2016-09-07	1.4
777580	4000	GR65	2016-09-07	1.5
777598	4000	GR65	2016-09-07	1.6
777600	4000	GR65	2016-09-07	1.7
777621	4000	GR65	2016-09-07	1.2
777637	4000	GR65	2016-09-07	1.7
778225	4000	GR65	2016-09-07	1.3
778257	4000	GR65	2016-09-07	1.8
778676	4000	GR65	2016-09-07	1.7
778805	4000	GR65	2016-09-07	1.4
778854	4000	GR65	2016-09-07	1.4
778898	4000	GR65	2016-09-07	1.4
778932	4000	GR65	2016-09-07	1.3
823895	4000	GR73	2016-09-06	1.6
798243	4000	GR8	2015-01-29	1.7

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
798181	4000	GR8	2018-10-16	1.8
813582	4000	PF415	2016-01-13	1.8
802527	4000	PF727	2016-01-14	1.7
850398	4000	SR24	2016-07-29	1.8
831615	4000	SR41	2016-08-17	1.3
833000	4000	SR41	2016-08-17	1.7
807160	4000	SR5	2015-06-23	1.8
780056	4000	SR70	2016-07-12	1.8
780203	4000	SR70	2016-07-12	1.3
780216	4000	SR70	2016-07-12	1.1
780224	4000	SR70	2016-07-12	0.7
780225	4000	SR70	2016-07-12	1.3
780234	4000	SR70	2016-07-12	1.2
780245	4000	SR70	2016-07-12	1.2
780270	4000	SR70	2016-07-12	1.0
877301	4000	SR71	2016-07-13	1.8
877489	4000	SR71	2016-07-13	0.9
877490	4000	SR71	2016-07-13	1.4
878141	4000	SR71	2016-07-13	1.0
882853	4000	SR71	2016-07-13	1.7
882970	4000	SR71	2016-07-13	1.3
893961	4000	SR71	2016-07-13	1.8
893963	4000	SR71	2016-07-13	1.2
893964	4000	SR71	2016-07-13	1.4
908074	4000	SR8	2016-12-28	1.6
804919	4000	SR86	2016-08-17	1.3
807251	4000	SR86	2016-08-17	1.6
807252	4000	SR86	2016-08-17	1.3
854131	4012	TB_Reference	2017-02-02	0.0
548707	4016	SL1	2021-06-22	0.0
564653	4016	SL1	2021-06-22	0.0
846	5017	MLC20	2015-06-10	1.3
11	5017	MLC21	2015-06-03	1.0
12	5017	MLC21	2015-06-03	1.0
88	5017	MLC21	2015-06-03	1.0
95	5017	MLC21	2015-06-03	1.0
97	5017	MLC21	2015-06-03	1.0
99	5017	MLC21	2015-06-03	1.0
103	5017	MLC21	2015-06-03	1.0
366	5017	MLC21	2015-06-03	1.0
389	5017	MLC21	2015-06-03	1.0
393	5017	MLC21	2015-06-03	1.0
758	5017	MLC21	2015-06-03	1.0
858	5017	MLC21	2015-06-03	1.0
861	5017	MLC21	2015-06-03	1.0
888	5017	MLC21	2015-06-03	1.0
892	5017	MLC21	2015-06-03	1.0
627996	5017	MLC21	2015-06-03	1.0
685118	5017	MLC21	2015-06-03	1.0
748103	5017	MLC21	2015-06-03	1.0
755687	5017	MLC21	2015-06-03	1.0
1701	5017	MLC25	2015-06-04	1.5

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3654	5017	MLC5	2015-06-10	1.4
607629	5017	MLC5	2015-06-10	1.6
607962	5017	MLC5	2015-06-10	1.7
619145	5017	MLC5	2015-06-10	1.6
1304	5017	MLCBU12	2015-06-03	1.0
752957	5017	MLCBU12	2015-06-03	1.0
754604	5017	MLCBU12	2015-06-03	1.5
712692	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)

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

## Reef Height

Table 3: Flagged Values - Low Indicator Quantile: *-200*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3287	5017	ML22	2016-06-01	-595
3324	5017	MLC20	2016-06-01	-460

### Programs containing flagged data:

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

## Shell Height/0.25m2

Table 4: Flagged Values - Low Indicator Quantile: 2

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
895711	4012	TB_Restore	2016-02-23	0.50
895712	4012	TB_Restore	2016-02-23	0.53
895713	4012	TB_Restore	2016-02-23	0.77
895992	4012	TB_Restore	2016-02-23	0.33
895993	4012	TB_Restore	2016-02-23	0.50
895994	4012	TB_Restore	2016-02-23	0.88
895995	4012	TB_Restore	2016-02-23	1.55
897010	4012	TB_Restore	2016-02-23	0.60
897011	4012	TB_Restore	2016-02-23	0.64
900590	4012	TB_Restore	2016-02-23	0.33
900591	4012	TB_Restore	2016-02-23	0.67
907599	4012	TB_Restore	2016-02-23	0.47
907600	4012	TB_Restore	2016-02-23	0.86
907601	4012	TB_Restore	2016-02-23	1.57
910888	4012	TB_Restore	2016-02-23	0.00
911058	4012	TB_Restore	2016-02-23	1.82
911230	4012	TB_Restore	2016-02-23	0.05
911231	4012	TB_Restore	2016-02-23	0.07
911326	4012	TB_Restore	2016-02-23	0.16
911327	4012	TB_Restore	2016-02-23	0.77
911328	4012	TB_Restore	2016-02-23	1.66
911394	4012	TB_Restore	2016-02-23	0.33
911395	4012	TB_Restore	2016-02-23	0.38
911396	4012	TB_Restore	2016-02-23	1.35
911397	4012	TB_Restore	2016-02-23	1.54
911603	4012	TB_Restore	2016-02-23	0.54
911604	4012	TB_Restore	2016-02-23	0.64
848351	4044	NRDA_APA-CP-MP2	2019-12-10	1.00
874183	4044	NRDA_APA-DB-MP2	2021-09-30	1.00
875481	4044	NRDA_APA-DB-MP3	2018-02-13	1.00
783173	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
783185	4044	NRDA_APA-GP-MP1	2017-12-21	1.00
783091	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
783099	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
783161	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
783316	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
783318	4044	NRDA_APA-GP-MP1	2021-09-21	1.00
894514	4044	NRDA_APA-HB-MP1	2017-11-30	1.00
870701	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
876341	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
879176	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
879180	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
881228	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
897858	4044	NRDA_APA-HB-MP1	2021-09-22	1.00
809562	4044	NRDA_APA-HB-MP2	2017-11-30	1.00
873955	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
888767	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
890250	4044	NRDA_APA-LG-MP1	2021-09-21	1.00



RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
893036	4044	NRDA_APA-LG-MP1	2021-09-21	1.00
871134	4044	NRDA_APA-LG-MP2	2021-09-21	1.00
909764	4044	NRDA_APA-LH-MP2	2017-06-09	1.00
907608	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
912519	4044	NRDA_APA-LH-MP2	2021-09-22	1.00
841598	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
842104	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
842311	4044	NRDA_APA-NBM-MP1	2017-06-09	1.00
838412	4044	NRDA_APA-NBM-MP1	2021-12-02	1.00
790935	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
790936	4044	NRDA_APA-NBM-MP2	2017-06-09	1.00
871660	4044	NRDA_APA-NS-MP1	2021-09-21	1.00
878561	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
878751	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
879345	4044	NRDA_APA-RC1-MP1	2017-07-05	1.00
876832	4044	NRDA_APA-RC1-MP2	2017-07-05	1.00
34930	5007	R-9MB-MP1	2021-04-12	0.00
38398	5007	R-9MB-MP1	2021-04-12	0.00
40519	5007	R-9MB-MP1	2021-04-12	0.00
40529	5007	R-9MB-MP1	2021-04-12	0.00
40547	5007	R-9MB-MP1	2021-04-12	0.00
40549	5007	R-9MB-MP1	2021-04-12	0.00
41478	5007	R-9MB-MP1	2021-04-12	0.00
42266	5007	R-9MB-MP1	2021-04-12	0.00
42918	5007	R-9MB-MP1	2021-04-12	0.00
43093	5007	R-9MB-MP1	2021-04-12	0.00
616260	5007	R-9MB-MP1	2021-04-12	0.00
694982	5007	R-9MB-MP1	2021-04-12	0.00
744827	5007	R-9MB-MP1	2021-04-12	0.00
752298	5007	R-9MB-MP1	2021-04-12	0.00
106466	5007	R-CP-MP1	2019-08-16	1.00
66228	5007	R-CP-MP3	2019-08-13	1.00
654071	5007	R-CP-MP3	2019-08-13	1.00
746653	5007	R-CP-MP3	2019-08-13	1.00
65062	5007	R-CPS-MP1	2019-08-23	1.00
58258	5007	R-CPS-MP1	2021-06-17	1.00
60567	5007	R-CPS-MP1	2021-06-17	1.00
67552	5007	R-CPS-MP1	2021-06-17	1.00
85905	5007	R-CPS-MP1	2021-06-17	1.00
86247	5007	R-CPS-MP1	2021-06-17	1.00
86828	5007	R-CPS-MP1	2021-06-17	1.00
98754	5007	R-CPS-MP1	2021-06-17	1.00
99548	5007	R-CPS-MP1	2021-06-17	1.00
101036	5007	R-CPS-MP1	2021-06-17	1.00
603021	5007	R-CPS-MP1	2021-06-17	1.00
644849	5007	R-CPS-MP1	2021-06-17	1.00
658023	5007	R-CPS-MP1	2021-06-17	1.00
690247	5007	R-CPS-MP1	2021-06-17	1.00
696243	5007	R-CPS-MP1	2021-06-17	1.00
711843	5007	R-CPS-MP1	2021-06-17	1.00
712323	5007	R-CPS-MP1	2021-06-17	1.00
68964	5007	R-CPS-MP2	2021-06-17	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
71259	5007	R-CPS-MP2	2021-06-17	1.00
72385	5007	R-CPS-MP2	2021-06-17	1.00
78863	5007	R-CPS-MP2	2021-06-17	1.00
85943	5007	R-CPS-MP2	2021-06-17	1.00
58741	5007	R-EH1-MP1	2019-07-31	1.00
51274	5007	R-EH1-MP1	2021-06-24	1.00
55158	5007	R-EH1-MP1	2021-06-24	1.00
57368	5007	R-EH1-MP1	2021-06-24	1.00
57393	5007	R-EH1-MP1	2021-06-24	1.00
59242	5007	R-EH1-MP1	2021-06-24	1.00
67365	5007	R-EH1-MP1	2021-06-24	1.00
73698	5007	R-EH1-MP1	2021-06-24	1.00
75498	5007	R-EH1-MP1	2021-06-24	1.00
84004	5007	R-EH1-MP1	2021-06-24	1.00
85126	5007	R-EH1-MP1	2021-06-24	1.00
101133	5007	R-EH1-MP1	2021-06-24	1.00
107198	5007	R-EH1-MP1	2021-06-24	1.00
685014	5007	R-EH1-MP1	2021-06-24	1.00
748864	5007	R-EH1-MP1	2021-06-24	1.00
28237	5007	R-EH1-MP2	2018-09-13	1.00
67673	5007	R-EH1-MP2	2021-06-24	1.00
87685	5007	R-EH1-MP4	2019-07-30	1.00
62026	5007	R-HB1-MP1	2018-06-26	1.00
59154	5007	R-HB1-MP2	2021-01-13	1.00
59872	5007	R-HB1-MP2	2021-01-13	1.00
65164	5007	R-HB1-MP2	2021-01-13	1.00
111870	5007	R-HB1-MP2	2021-01-13	1.00
665227	5007	R-HB1-MP2	2021-01-13	1.00
41386	5007	R-HB2-MP1	2018-06-26	1.00
43792	5007	R-HB2-MP1	2018-06-26	1.00
56402	5007	R-HB2-MP1	2018-06-26	1.00
58492	5007	R-HB2-MP1	2018-06-26	1.00
75031	5007	R-HB2-MP1	2018-06-26	1.00
108459	5007	R-HB2-MP1	2018-06-26	1.00
44214	5007	R-ME-MP2	2019-08-21	1.00
57127	5007	R-NS2-MP1	2018-06-25	1.00
606316	5007	R-NS2-MP1	2018-06-25	1.00
58159	5007	R-NS2-MP2	2018-06-25	1.00
67036	5007	R-NS2-MP2	2018-06-25	1.00
690656	5007	R-NS2-MP2	2018-06-25	1.00
707985	5007	R-NS2-MP2	2018-06-25	1.00
694753	5007	R-NS2-MP2	2020-12-15	0.00
689112	5007	R-PR-MP1	2019-08-21	1.00
713999	5007	R-PR-MP1	2019-08-21	1.00
55590	5007	R-PR-MP1	2021-06-24	1.00
55929	5007	R-PR-MP1	2021-06-24	1.00
58346	5007	R-PR-MP1	2021-06-24	1.00
67931	5007	R-PR-MP1	2021-06-24	1.00
88826	5007	R-PR-MP1	2021-06-24	1.00
623539	5007	R-PR-MP1	2021-06-24	1.00
713982	5007	R-PR-MP1	2021-06-24	1.00
58408	5007	R-PR-MP2	2021-06-24	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
75986	5007	R-PR-MP2	2021-06-24	1.00
76632	5007	R-PR-MP2	2021-06-24	1.00
77090	5007	R-PR-MP2	2021-06-24	1.00
96014	5007	R-PR-MP2	2021-06-24	1.00
109128	5007	R-PR-MP2	2021-06-24	1.00
623646	5007	R-PR-MP2	2021-06-24	1.00
74967	5007	R-SB-MP1	2018-09-13	1.00
82494	5007	R-SB-MP1	2018-09-13	1.00
82548	5007	R-SB-MP1	2018-09-13	1.00
86818	5007	R-SB-MP1	2018-09-13	1.00
685195	5007	R-SB-MP1	2018-09-13	1.00
690872	5007	R-SB-MP1	2018-09-13	1.00
695592	5007	R-SB-MP1	2018-09-13	1.00
215779	10002	East Hole	2003-09-30	1.00
215808	10002	East Hole	2003-09-30	1.00
215823	10002	East Hole	2003-09-30	1.00
215824	10002	East Hole	2003-09-30	1.00
216305	10002	East Hole	2003-09-30	1.00
216306	10002	East Hole	2003-09-30	1.00
216324	10002	East Hole	2003-09-30	1.00
216335	10002	East Hole	2003-09-30	1.00
216344	10002	East Hole	2003-09-30	1.00
216346	10002	East Hole	2003-09-30	1.00
216350	10002	East Hole	2003-09-30	1.00
216366	10002	East Hole	2003-09-30	1.00
216532	10002	East Hole	2003-09-30	1.00
216556	10002	East Hole	2003-09-30	1.00
216557	10002	East Hole	2003-09-30	1.00
216562	10002	East Hole	2003-09-30	1.00
216563	10002	East Hole	2003-09-30	1.00
216914	10002	East Hole	2003-09-30	1.00
216924	10002	East Hole	2003-09-30	1.00
216925	10002	East Hole	2003-09-30	1.00
216927	10002	East Hole	2003-09-30	1.00
216946	10002	East Hole	2003-09-30	1.00
216952	10002	East Hole	2003-09-30	1.00
216953	10002	East Hole	2003-09-30	1.00
216984	10002	East Hole	2003-09-30	1.00
216985	10002	East Hole	2003-09-30	1.00
216995	10002	East Hole	2003-09-30	1.00
217008	10002	East Hole	2003-09-30	1.00
217009	10002	East Hole	2003-09-30	1.00
217010	10002	East Hole	2003-09-30	1.00
217326	10002	East Hole	2003-09-30	1.00
217327	10002	East Hole	2003-09-30	1.00
217333	10002	East Hole	2003-09-30	1.00
217334	10002	East Hole	2003-09-30	1.00
217515	10002	East Hole	2003-09-30	1.00
217523	10002	East Hole	2003-09-30	1.00
217524	10002	East Hole	2003-09-30	1.00
217528	10002	East Hole	2003-09-30	1.00
217535	10002	East Hole	2003-09-30	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
217953	10002	East Hole	2003-09-30	1.00
218052	10002	East Hole	2003-09-30	1.00
218061	10002	East Hole	2003-09-30	1.00
218062	10002	East Hole	2003-09-30	1.00
218066	10002	East Hole	2003-09-30	1.00
218200	10002	East Hole	2003-09-30	1.00
218201	10002	East Hole	2003-09-30	1.00
218213	10002	East Hole	2003-09-30	1.00
218214	10002	East Hole	2003-09-30	1.00
218215	10002	East Hole	2003-09-30	1.00
218216	10002	East Hole	2003-09-30	1.00
218575	10002	East Hole	2003-09-30	1.00
218576	10002	East Hole	2003-09-30	1.00
231522	10002	East Hole	2003-09-30	1.00
231626	10002	East Hole	2003-09-30	1.00
231627	10002	East Hole	2003-09-30	1.00
231655	10002	East Hole	2003-09-30	1.00
231832	10002	East Hole	2003-09-30	1.00
231833	10002	East Hole	2003-09-30	1.00
232566	10002	East Hole	2003-09-30	1.00
597686	10002	East Hole	2003-09-30	1.00
628505	10002	East Hole	2003-09-30	1.00
639368	10002	East Hole	2003-09-30	1.00
639443	10002	East Hole	2003-09-30	1.00
652046	10002	East Hole	2003-09-30	1.00
669917	10002	East Hole	2003-09-30	1.00
680630	10002	East Hole	2003-09-30	1.00
683519	10002	East Hole	2003-09-30	1.00
699906	10002	East Hole	2003-09-30	1.00
699907	10002	East Hole	2003-09-30	1.00
729540	10002	East Hole	2003-09-30	1.00
730211	10002	East Hole	2003-09-30	1.00
730430	10002	East Hole	2003-09-30	1.00
744340	10002	East Hole	2003-09-30	1.00
744343	10002	East Hole	2003-09-30	1.00
744344	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/0.1m2

Table 5: Flagged Values - Low Indicator Quantile: *4.059*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
23951	5063	240	2016-11-13	3
700089	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/NA<sub>m</sub>2

Table 6: Flagged Values - Low Indicator Quantile: *3.48409*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
494178	4042	185a	2018-01-30	2.0
577773	4042	185a	2018-01-30	2.0
658686	4042	371a	2018-01-29	3.3
450384	4042	515a	2018-01-31	2.0
503986	4042	515a	2018-01-31	2.0
582675	4042	515a	2018-01-31	3.0
488895	4042	699b	2015-03-05	2.0
613636	4042	699b	2015-03-05	0.0

### Programs containing flagged data:

*4042* - Estero Bay Oyster Monitoring

## High Quantile

Shell Height/0.06m2

Table 7: Flagged Values - High Indicator Quantile: *125.82025*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
761462	4000	FM32	2018-09-10 00:00:00	126.50
795017	4000	GR1	2014-05-22 00:00:00	136.60
795798	4000	GR1	2015-07-22 00:00:00	138.70
796148	4000	GR1	2016-08-22 00:00:00	134.80
796233	4000	GR1	2016-08-22 00:00:00	132.00
815884	4000	GR11	2016-02-17 00:00:00	127.80
818180	4000	GR11	2016-02-17 00:00:00	135.70
818325	4000	GR11	2016-02-17 00:00:00	140.10
819124	4000	GR11	2016-02-17 00:00:00	150.90
809789	4000	GR1A	2018-09-11 00:00:00	142.10
897358	4000	GR21	2016-09-09 00:00:00	126.00
892265	4000	GR21	2016-09-12 00:00:00	128.70
763060	4000	GR2A	2016-07-27 00:00:00	142.90
772335	4000	GR2A	2016-07-27 00:00:00	131.30
807232	4000	GR2B	2020-02-17 00:00:00	132.00
772460	4000	GR30	2016-09-12 00:00:00	146.80
772581	4000	GR30	2016-09-12 00:00:00	129.20
796387	4000	GR32	2016-08-24 00:00:00	126.70
784004	4000	GR4	2015-07-23 00:00:00	128.70
887265	4000	GR70	2016-02-17 00:00:00	163.00
897766	4000	GR78	2016-08-24 00:00:00	138.80
905468	4000	GR78	2016-08-24 00:00:00	135.30
779253	4000	MC2	2015-06-22 00:00:00	237.20
786092	4000	SA443	2016-08-26 00:00:00	129.80
786537	4000	SR1A	2016-08-10 00:00:00	152.90
852355	4000	SR4	2014-06-03 00:00:00	130.20
853868	4000	SR4	2014-07-03 00:00:00	130.20
851179	4000	SR4	2015-01-27 00:00:00	132.40
806820	4000	SR5	2015-06-23 00:00:00	126.90
858396	4000	SR6A	2016-07-29 00:00:00	146.20
858523	4000	SR6A	2016-07-29 00:00:00	126.40
834755	4000	SR7	2015-01-27 00:00:00	129.80
809672	4000	SR7A	2016-07-29 00:00:00	128.10
810739	4000	SR7A	2016-07-29 00:00:00	126.90
891613	4000	SR8	2015-01-27 00:00:00	134.20
892237	4000	SR8	2015-01-27 00:00:00	146.50
895703	4000	SR8	2015-01-27 00:00:00	137.50
897370	4000	SR8	2015-01-27 00:00:00	128.50
901005	4000	SR8	2015-01-27 00:00:00	130.00
899610	4000	SR8	2015-06-23 00:00:00	130.70
897535	4000	SR8	2016-12-28 00:00:00	174.50
807110	4000	SR86	2016-08-17 00:00:00	131.60
807398	4000	SR86	2016-08-17 00:00:00	133.00
808918	4000	SR86	2016-08-17 00:00:00	126.10
837785	4000	TR220	2016-02-29 00:00:00	135.20

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
894278	4000	TR3A	2014-06-04 00:00:00	137.20
816689	4000	W22GR13	2022-01-13 00:00:00	135.10
787613	4000	W22GR14	2022-01-13 00:00:00	126.40
787637	4000	W22GR14	2022-01-13 00:00:00	130.30
787848	4000	W22GR14	2022-01-13 00:00:00	129.30
787877	4000	W22GR14	2022-01-13 00:00:00	130.50
787929	4000	W22GR15	2022-03-16 00:00:00	158.00
787932	4000	W22GR15	2022-03-16 00:00:00	145.80
787937	4000	W22GR15	2022-03-16 00:00:00	135.60
788013	4000	W22GR15	2022-03-16 00:00:00	153.20
788022	4000	W22GR15	2022-03-16 00:00:00	128.90
788033	4000	W22GR15	2022-03-16 00:00:00	127.60
788052	4000	W22GR15	2022-03-16 00:00:00	126.50
788132	4000	W22GR15	2022-03-16 00:00:00	143.40
788180	4000	W22GR15	2022-03-16 00:00:00	133.80
788208	4000	W22GR15	2022-03-16 00:00:00	135.00
849229	4000	W22GR17	2022-03-16 00:00:00	129.50
849359	4000	W22GR17	2022-03-16 00:00:00	125.90
849360	4000	W22GR17	2022-03-16 00:00:00	137.20
850363	4000	W22GR17	2022-03-16 00:00:00	150.00
850526	4000	W22GR17	2022-03-16 00:00:00	150.50
851057	4000	W22GR17	2022-03-16 00:00:00	133.50
851856	4000	W22GR17	2022-03-16 00:00:00	150.10
851857	4000	W22GR17	2022-03-16 00:00:00	152.10
852133	4000	W22GR17	2022-03-16 00:00:00	127.60
852136	4000	W22GR17	2022-03-16 00:00:00	128.30
643431	5017	B1 NEW	2016-06-02 00:00:00	139.50
4239	5017	B2	2016-05-31 00:00:00	142.30
702684	5017	B2	2016-05-31 00:00:00	129.50
702692	5017	B2	2016-05-31 00:00:00	149.30
755818	5017	B2	2016-05-31 00:00:00	126.90
661032	5017	B5	2016-06-28 00:00:00	164.30
2961	5017	MLC3	2015-05-30 00:00:00	865.00
3657	5017	MLC5	2015-06-10 00:00:00	344.00
15060	5017	MLC5	2015-06-10 00:00:00	367.00
1053	5017	MLC7	2015-05-31 00:00:00	136.00
143803	5035	8849	2018-09-11 19:39:45	145.71
176707	5035	8849	2018-09-11 19:39:45	130.26
203438	5035	8849	2018-09-11 19:39:45	130.25
151526	5035	8850	2018-09-11 19:48:19	130.51
178226	5035	8850	2018-09-11 19:48:19	146.25
178233	5035	8850	2018-09-11 19:48:19	133.47
207740	5035	8850	2018-09-11 19:48:19	131.40
741019	5035	8850	2018-09-11 19:48:19	141.75
179377	5035	8851	2018-09-11 20:12:16	128.78
143082	5035	8852	2018-09-11 20:50:29	129.23
143156	5035	8852	2018-09-11 20:50:29	127.17
138947	5035	8853	2018-09-11 20:52:58	132.83
143170	5035	8853	2018-09-11 20:52:58	125.83
671776	5035	8853	2018-09-11 20:52:58	140.79
151325	5035	8854	2018-09-11 20:54:55	127.05
668910	5035	8854	2018-09-11 20:54:55	128.13



RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
193974	5035	8857	2018-09-11 22:25:14	128.97
228185	5035	8857	2018-09-11 22:25:14	131.09
235296	5035	8857	2018-09-11 22:25:14	127.69
140985	5035	8889	2018-10-04 20:53:33	133.17
149831	5035	8889	2018-10-04 20:53:33	127.29
639479	5035	8897	2018-10-05 20:53:20	138.49
146083	5035	8922	2018-09-04 21:46:47	136.42
146086	5035	8922	2018-09-04 21:46:47	131.01
115089	5035	8924	2018-09-04 22:42:42	126.52
211309	5035	8932	2018-09-11 11:25:06	129.55
81892	5035	8933	2018-09-11 11:26:21	126.45

**Programs containing flagged data:**

*4000* - Guana Tolomato Matanzas NERR Oyster monitoring

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

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

## Reef Height

Table 8: Flagged Values - High Indicator Quantile: *15685.4*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
8372	5075	SGI02	2019-12-16	16300
707257	5075	SGI02	2019-12-16	15700
8473	5075	SGI03	2019-12-16	16100

### Programs containing flagged data:

*5075* - Apalachicola Bay Intertidal Oyster Sampling

## Shell Height/0.25m2

Table 9: Flagged Values - High Indicator Quantile: 105

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
668072	4014	NWF_37_1	2008-07-18	110.00
5738	4014	NWF_39_1	2008-07-24	115.00
10405	4014	NWF_50_1	2008-07-25	110.00
5592	4014	NWF_52_1	2008-07-25	110.00
15021	4014	NWF_56_4	2013-07-02	116.00
14676	4014	NWF_76_1	2008-08-15	110.00
20634	4014	NWF_77_2	2013-07-15	110.00
18817	4014	NWF_79_2	2013-07-15	115.00
6090	4014	SWF_01_2	2008-07-01	130.00
6201	4014	SWF_02_3	2008-07-01	110.00
16040	4014	SWF_06_3	2008-07-02	110.00
12626	4014	SWF_19_1	2008-07-10	150.00
16757	4014	SWF_23_1	2013-08-15	110.00
17997	4014	SWF_25_1	2013-07-29	118.00
24202	4014	SWF_25_2	2013-07-29	125.00
24923	4014	SWF_27_1	2008-07-10	115.00
8222	4014	SWF_28_1	2008-07-11	130.00
18811	4014	SWF_28_1	2008-07-11	115.00
697749	4014	SWF_29_1	2008-07-11	110.00
437523	4014	SWF_33_1	2008-07-11	110.00
10320	4014	SWF_35_1	2008-07-11	110.00
845583	4044	NRDA_APA-CP-MP1	2017-04-18	107.00
861611	4044	NRDA_APA-CP-MP1	2017-04-18	112.00
865514	4044	NRDA_APA-CP-MP1	2017-04-18	125.00
866891	4044	NRDA_APA-CP-MP1	2017-04-18	115.00
789825	4044	NRDA_APA-CT-MP1	2018-04-02	110.00
828855	4044	NRDA_APA-CT-MP2	2017-06-30	128.00
829714	4044	NRDA_APA-CT-MP2	2017-06-30	113.00
908493	4044	NRDA_APA-LH-MP1	2017-06-09	107.00
907678	4044	NRDA_APA-LH-MP1	2018-03-15	111.00
792726	4044	NRDA_APA-NBN-MP1	2021-12-02	109.00
793864	4044	NRDA_APA-NBN-MP1	2021-12-02	106.00
879550	4044	NRDA_APA-RC1-MP1	2018-03-05	108.00
827128	4044	NRDA_APA-RC2-MP1	2017-07-05	110.00
829111	4044	NRDA_APA-RC2-MP1	2017-07-05	138.00
753080	5007	R-CP-MP1	2021-04-14	107.00
102776	5007	R-CPS-MP1	2021-06-17	108.00
692817	5007	R-CPS-MP2	2021-06-17	118.00
62488	5007	R-ME-MP1	2021-06-04	108.00
55136	5007	R-ME-MP2	2021-06-04	112.00
92532	5007	R-PR-MP1	2021-06-24	129.00
98180	5007	R-PR-MP1	2021-06-24	120.00
98186	5007	R-PR-MP1	2021-06-24	143.00
99800	5007	R-PR-MP2	2021-06-24	116.00
44649	5007	R-SB-MP1	2021-06-04	112.00
73096	5007	R-SB-MP1	2021-06-04	108.00
21967	5070	Inshore 1	2016-07-25	108.47
38417	5070	Inshore 1	2016-07-25	108.47

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
15381	5070	Inshore 4	2016-07-25	109.16
21871	5070	Inshore 4	2016-07-25	110.25
26255	5070	Inshore 4	2016-07-25	110.25
28227	5070	Inshore 4	2016-07-25	109.16
12761	5074	Homo_18	2018-03-22	107.00
12760	5074	Homo_21	2018-03-28	107.00
662352	5074	Homo_21	2018-03-28	105.50
756458	5074	Homo_21	2018-03-28	112.00
168165	10002	Bulkhead Plant	1989-04-21	110.00
232246	10002	Bulkhead Plant	1989-04-21	110.00
679656	10002	Bulkhead Plant	1989-04-21	135.00
271955	10002	Cabbage Lump	1984-06-14	130.00
272681	10002	Cabbage Lump	1984-06-14	110.00
274614	10002	Cabbage Lump	1984-06-14	130.00
280399	10002	Cabbage Lump	1984-06-14	120.00
281457	10002	Cabbage Lump	1984-06-14	160.00
285426	10002	Cabbage Lump	1989-09-05	110.00
258295	10002	Cabbage Lump	1992-07-13	115.00
276262	10002	Cabbage Lump	1992-09-15	110.00
283286	10002	Cabbage Lump	1992-09-15	110.00
293169	10002	Cabbage Lump	1992-09-15	125.00
288036	10002	Cat Plant	1991-06-18	110.00
312701	10002	Cat Plant	1991-06-18	115.00
296177	10002	Cat Plant	1992-06-23	115.00
297958	10002	Cat Plant	1992-06-23	115.00
302769	10002	Cat Plant	1992-06-23	115.00
315027	10002	Cat Plant	1992-06-23	150.00
315052	10002	Cat Plant	1992-06-23	150.00
315378	10002	Cat Plant	1992-06-23	110.00
320297	10002	Cat Plant	1992-06-23	115.00
325230	10002	Cat Plant	1992-06-23	110.00
348985	10002	Cat Plant	1992-06-23	110.00
349672	10002	Cat Plant	1992-06-23	110.00
349686	10002	Cat Plant	1992-06-23	110.00
350214	10002	Cat Plant	1992-06-23	110.00
582319	10002	Cat Plant	1992-06-23	125.00
629319	10002	Cat Plant	1992-06-23	125.00
645099	10002	Cat Plant	1992-06-23	110.00
656579	10002	Cat Plant	1992-06-23	110.00
350207	10002	Cat Plant	1993-06-22	115.00
356812	10002	Cat Plant	1993-06-22	110.00
376786	10002	Cat Plant	1993-06-22	120.00
647207	10002	Cat Plant	1993-06-22	110.00
441823	10002	Cat Point	1988-06-07	110.00
444430	10002	Cat Point	1988-06-07	120.00
691882	10002	Cat Point	1988-06-07	110.00
597605	10002	Cat Point	1990-06-14	110.00
325350	10002	Cat Point	1990-09-18	120.00
340232	10002	Cat Point	1990-09-18	125.00
342545	10002	Cat Point	1991-06-18	110.00
716521	10002	Cat Point	1991-06-18	110.00
326387	10002	Cat Point	1991-11-26	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
375411	10002	Cat Point	1993-04-29	110.00
364929	10002	Cat Relay	1992-06-23	120.00
371513	10002	Cat Relay	1992-06-23	110.00
373337	10002	Cat Relay	1992-06-23	110.00
646961	10002	Cat Relay	1992-06-23	135.00
655117	10002	Cat Relay	1992-06-23	110.00
353733	10002	Dry Bar	1982-09-01	110.00
358403	10002	Dry Bar	1982-09-01	110.00
618886	10002	Dry Bar	1982-09-01	110.00
353222	10002	Dry Bar	1992-11-23	115.00
356996	10002	Dry Bar	1992-11-23	120.00
652465	10002	Dry Bar	1992-11-23	125.00
363714	10002	Dry Bar	1993-06-03	110.00
363944	10002	Dry Bar	1993-06-03	120.00
366554	10002	Dry Bar	1993-06-03	110.00
651776	10002	Dry Bar	1993-06-03	110.00
203287	10002	Dry Com	1992-11-23	120.00
222504	10002	Dry Com	1992-11-23	125.00
652426	10002	Dry Com	1992-11-23	115.00
147659	10002	Dry Plant	1990-09-19	110.00
666012	10002	Dry Plant / North Spur Plant	1985-09-12	115.00
149752	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
175036	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
175376	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
178214	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
220681	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
595173	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
639567	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
670996	10002	Dry Plant / North Spur Plant	1985-10-01	110.00
731193	10002	Dry Plant / North Spur Plant	1985-10-01	115.00
177768	10002	Dry Plant / North Spur Plant	1985-11-06	110.00
138018	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
192951	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
194895	10002	Dry Plant / North Spur Plant	1986-01-07	110.00
174977	10002	Dry Plant / North Spur Plant	1986-09-25	110.00
153239	10002	Dry Plant / North Spur Plant	1987-09-10	120.00
176140	10002	Dry Plant / North Spur Plant	1988-06-09	120.00
215929	10002	Dry Plant / North Spur Plant	1989-06-14	115.00
242597	10002	Dry Plant / North Spur Plant	1989-09-07	120.00
258690	10002	East Hole	1988-06-08	120.00
305402	10002	East Hole	1989-09-06	120.00
96802	10002	East Hole	1993-06-02	110.00
96826	10002	East Hole	1993-06-02	130.00
117966	10002	East Hole	1993-06-02	110.00
119366	10002	East Hole	1993-06-02	110.00
121231	10002	East Hole	1993-06-02	110.00
121501	10002	East Hole	1993-06-02	115.00
175894	10002	Green Point Plant	1984-06-12	120.00
191879	10002	Green Point Plant	1984-06-12	130.00
199822	10002	Green Point Plant	1984-06-12	110.00
204838	10002	Green Point Plant	1984-06-12	120.00
204843	10002	Green Point Plant	1984-06-12	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
210801	10002	Green Point Plant	1984-06-12	110.00
609470	10002	Green Point Plant	1984-06-12	110.00
652185	10002	Green Point Plant	1984-06-12	110.00
143794	10002	Green Point Plant	1985-05-31	120.00
154140	10002	Green Point Plant	1985-05-31	125.00
215617	10002	Green Point Plant	1985-05-31	110.00
743846	10002	Green Point Plant	1985-05-31	110.00
113645	10002	Green Point Plant	1985-09-04	110.00
179632	10002	Green Point Plant	1986-04-30	110.00
595107	10002	Green Point Plant	1986-04-30	110.00
210044	10002	Green Point Plant	1986-08-01	115.00
142892	10002	Green Point Plant	1987-09-09	115.00
698578	10002	Green Point Plant	1987-09-09	115.00
189186	10002	Green Point Plant	1989-09-07	120.00
160362	10002	Green Point Plant	1990-09-18	110.00
219388	10002	Green Point Plant	1991-09-18	110.00
739117	10002	Green Point Plant	1992-07-13	125.00
737851	10002	Green Point Plant	1992-09-15	110.00
91485	10002	Lighthouse Bar	1987-06-04	115.00
91937	10002	Lighthouse Bar	1987-06-04	115.00
101922	10002	Lighthouse Bar	1987-06-04	115.00
105768	10002	Lighthouse Bar	1987-06-04	115.00
107653	10002	Lighthouse Bar	1987-06-04	115.00
108659	10002	Lighthouse Bar	1987-06-04	110.00
125016	10002	Lighthouse Bar	1987-06-04	110.00
641337	10002	Lighthouse Bar	1987-06-04	110.00
663633	10002	Lighthouse Bar	1987-06-04	110.00
663637	10002	Lighthouse Bar	1987-06-04	120.00
672045	10002	Lighthouse Bar	1987-06-04	130.00
672538	10002	Lighthouse Bar	1987-06-04	120.00
97741	10002	Lighthouse Bar	1987-10-15	110.00
102241	10002	Lighthouse Bar	1987-10-15	110.00
102851	10002	Lighthouse Bar	1987-10-15	110.00
94336	10002	Lighthouse Bar	1988-06-07	135.00
126831	10002	Lighthouse Bar	1988-06-07	120.00
130911	10002	Lighthouse Bar	1988-06-07	115.00
132396	10002	Lighthouse Bar	1988-06-07	110.00
683480	10002	Lighthouse Bar	1988-06-07	135.00
733240	10002	Lighthouse Bar	1988-06-07	120.00
752443	10002	Lighthouse Bar	1988-06-07	135.00
95103	10002	Lighthouse Bar	1989-06-13	120.00
97685	10002	Lighthouse Bar	1989-06-13	110.00
98894	10002	Lighthouse Bar	1989-06-13	110.00
104375	10002	Lighthouse Bar	1989-06-13	120.00
105320	10002	Lighthouse Bar	1989-06-13	115.00
127394	10002	Lighthouse Bar	1989-06-13	110.00
655670	10002	Lighthouse Bar	1989-06-13	125.00
747446	10002	Lighthouse Bar	1989-06-13	135.00
95675	10002	Lighthouse Bar	1990-06-12	125.00
96299	10002	Lighthouse Bar	1990-06-12	140.00
123920	10002	Lighthouse Bar	1990-09-20	110.00
118634	10002	Lighthouse Bar	1992-06-22	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
118983	10002	Lighthouse Bar	1992-06-22	115.00
132751	10002	Lighthouse Bar	1992-06-22	110.00
132874	10002	Lighthouse Bar	1992-06-22	110.00
133217	10002	Lighthouse Bar	1992-06-22	110.00
133561	10002	Lighthouse Bar	1992-06-22	110.00
134126	10002	Lighthouse Bar	1992-06-22	110.00
135384	10002	Lighthouse Bar	1992-06-22	115.00
148695	10002	Lighthouse Bar	1992-06-22	115.00
166893	10002	Lighthouse Bar	1992-06-22	120.00
196241	10002	Lighthouse Bar	1992-06-22	110.00
600625	10002	Lighthouse Bar	1992-06-22	110.00
600801	10002	Lighthouse Bar	1992-06-22	110.00
669730	10002	Lighthouse Bar	1992-06-22	110.00
599247	10002	Norman's Lump	1982-09-01	115.00
655609	10002	Norman's Lump	1982-12-01	110.00
155719	10002	Norman's Lump	1983-06-01	115.00
156125	10002	Norman's Lump	1983-06-01	115.00
155320	10002	Norman's Lump	1984-06-01	110.00
171277	10002	Norman's Lump	1984-09-01	120.00
192619	10002	Norman's Lump	1984-09-01	110.00
671637	10002	Norman's Lump	1986-06-05	110.00
739249	10002	Norman's Lump	1986-06-05	110.00
186389	10002	Norman's Lump	1986-09-23	115.00
187100	10002	Norman's Lump	1987-06-04	115.00
189085	10002	Norman's Lump	1987-06-04	110.00
670798	10002	Norman's Lump	1987-06-04	110.00
684257	10002	Norman's Lump	1987-06-04	125.00
187599	10002	Norman's Lump	1987-10-15	110.00
188442	10002	Norman's Lump	1987-10-15	110.00
200712	10002	Norman's Lump	1987-10-15	110.00
200734	10002	Norman's Lump	1988-06-07	110.00
204021	10002	Norman's Lump	1988-06-07	110.00
204616	10002	Norman's Lump	1989-06-13	140.00
197316	10002	Norman's Lump	1990-06-11	110.00
269402	10002	Norman's Lump	1990-06-11	110.00
217090	10002	Norman's Lump South	1991-06-18	110.00
217098	10002	Norman's Lump South	1991-06-18	110.00
221929	10002	Norman's Lump South	1991-06-18	115.00
227262	10002	Norman's Lump South	1991-06-18	110.00
227392	10002	Norman's Lump South	1991-06-18	110.00
227999	10002	Norman's Lump South	1991-06-18	110.00
240325	10002	Norman's Lump South	1991-06-18	110.00
590066	10002	Norman's Lump South	1991-06-18	110.00
597740	10002	Norman's Lump South	1991-06-18	120.00
724273	10002	Norman's Lump South	1991-06-18	115.00
737960	10002	Norman's Lump South	1991-06-18	135.00
229909	10002	Norman's Lump South	1992-06-22	110.00
248501	10002	Norman's Lump South	1992-06-22	115.00
251172	10002	Norman's Lump South	1992-06-22	115.00
261872	10002	Norman's Lump South	1992-06-22	120.00
262286	10002	Norman's Lump South	1992-06-22	115.00
257533	10002	Norman's Lump South	1993-06-11	115.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
280351	10002	Norman's Lump South	1993-06-11	110.00
285769	10002	Norman's Lump South	1993-06-11	110.00
286476	10002	Norman's Lump South	1993-06-11	110.00
671767	10002	Norman's Lump South	1993-06-11	110.00
743278	10002	Norman's Lump South	1993-06-11	110.00
257559	10002	Norman's South	1993-06-16	120.00
262345	10002	Norman's South	1993-06-16	115.00
270487	10002	Norman's South	1993-06-16	110.00
273991	10002	Norman's South	1993-06-16	110.00
276018	10002	Norman's South	1993-06-16	110.00
594861	10002	Norman's South	1993-06-16	110.00
650875	10002	Norman's South	1993-06-16	110.00
337725	10002	Paradise Flats	1985-09-12	110.00
359981	10002	Paradise Flats	1985-09-12	120.00
658189	10002	Paradise Flats	1985-11-06	115.00
337189	10002	Paradise Flats	1986-01-07	115.00
337447	10002	Paradise Flats	1986-01-07	115.00
337733	10002	Paradise Flats	1986-01-07	115.00
355369	10002	Paradise Flats	1986-01-07	115.00
359055	10002	Paradise Flats	1986-01-07	120.00
363060	10002	Paradise Flats	1986-01-07	115.00
337045	10002	Paradise Flats	1986-04-30	120.00
337098	10002	Paradise Flats	1986-04-30	110.00
338305	10002	Paradise Flats	1986-04-30	110.00
338359	10002	Paradise Flats	1986-04-30	115.00
338361	10002	Paradise Flats	1986-04-30	110.00
339446	10002	Paradise Flats	1986-04-30	130.00
349850	10002	Paradise Flats	1986-04-30	110.00
351134	10002	Paradise Flats	1986-04-30	110.00
355353	10002	Paradise Flats	1986-04-30	110.00
356568	10002	Paradise Flats	1986-04-30	125.00
361197	10002	Paradise Flats	1986-04-30	110.00
361935	10002	Paradise Flats	1986-04-30	110.00
362731	10002	Paradise Flats	1986-04-30	120.00
362738	10002	Paradise Flats	1986-04-30	110.00
365013	10002	Paradise Flats	1986-04-30	125.00
365441	10002	Paradise Flats	1986-04-30	110.00
366247	10002	Paradise Flats	1986-04-30	110.00
366248	10002	Paradise Flats	1986-04-30	110.00
367977	10002	Paradise Flats	1986-04-30	110.00
582589	10002	Paradise Flats	1986-04-30	120.00
624353	10002	Paradise Flats	1986-04-30	120.00
632886	10002	Paradise Flats	1986-04-30	110.00
638543	10002	Paradise Flats	1986-04-30	110.00
723141	10002	Paradise Flats	1986-04-30	110.00
350519	10002	Paradise Flats	1986-07-31	130.00
363333	10002	Paradise Flats	1986-07-31	150.00
366362	10002	Paradise Flats	1986-07-31	110.00
367626	10002	Paradise Flats	1986-07-31	170.00
367881	10002	Paradise Flats	1986-07-31	110.00
368535	10002	Paradise Flats	1986-07-31	110.00
707185	10002	Paradise Flats	1986-07-31	115.00



RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
371025	10002	Paradise Flats	1986-09-24	110.00
385303	10002	Paradise Flats	1986-09-24	115.00
387225	10002	Paradise Flats	1986-09-24	120.00
387298	10002	Paradise Flats	1986-09-24	120.00
390910	10002	Paradise Flats	1986-09-24	140.00
395079	10002	Paradise Flats	1986-09-24	115.00
391044	10002	Paradise Flats	1987-09-10	110.00
617162	10002	Paradise Flats	1987-09-10	110.00
405930	10002	Paradise Flats	1988-09-27	120.00
395070	10002	Paradise Flats	1989-09-05	110.00
331518	10002	Platform Bar	1982-09-01	110.00
340227	10002	Platform Bar	1982-09-01	120.00
372490	10002	Platform Bar	1982-09-01	120.00
372810	10002	Platform Bar	1982-09-01	110.00
406648	10002	Platform Bar	1982-09-01	110.00
409021	10002	Platform Bar	1982-09-01	120.00
411487	10002	Platform Bar	1982-09-01	110.00
431972	10002	Platform Bar	1982-09-01	145.00
615044	10002	Platform Bar	1982-09-01	130.00
340441	10002	Platform Bar	1982-12-01	110.00
364870	10002	Platform Bar	1982-12-01	115.00
373544	10002	Platform Bar	1982-12-01	125.00
406303	10002	Platform Bar	1982-12-01	110.00
621504	10002	Platform Bar	1982-12-01	115.00
373873	10002	Platform Bar	1983-06-01	110.00
375836	10002	Platform Bar	1983-06-01	115.00
343436	10002	Platform Bar	1984-06-01	110.00
343507	10002	Platform Bar	1984-06-01	110.00
354114	10002	Platform Bar	1984-06-01	115.00
354554	10002	Platform Bar	1984-06-01	110.00
605733	10002	Platform Bar	1984-06-01	120.00
632002	10002	Platform Bar	1984-06-01	120.00
394314	10002	Platform Bar	1984-12-01	120.00
589352	10002	Platform Bar	1984-12-01	110.00
722735	10002	Platform Bar	1984-12-01	115.00
722799	10002	Platform Bar	1984-12-01	110.00
350302	10002	Platform Bar	1985-05-29	115.00
352067	10002	Platform Bar	1985-05-29	110.00
352068	10002	Platform Bar	1985-05-29	115.00
354788	10002	Platform Bar	1985-05-29	110.00
389116	10002	Platform Bar	1985-05-29	110.00
390056	10002	Platform Bar	1985-05-29	125.00
390443	10002	Platform Bar	1985-05-29	125.00
390956	10002	Platform Bar	1985-05-29	110.00
390961	10002	Platform Bar	1985-05-29	110.00
390989	10002	Platform Bar	1985-05-29	120.00
391497	10002	Platform Bar	1985-05-29	110.00
391937	10002	Platform Bar	1985-05-29	125.00
394908	10002	Platform Bar	1985-05-29	120.00
395250	10002	Platform Bar	1985-05-29	110.00
395302	10002	Platform Bar	1985-05-29	125.00
395307	10002	Platform Bar	1985-05-29	125.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
395781	10002	Platform Bar	1985-05-29	110.00
397517	10002	Platform Bar	1985-05-29	120.00
397530	10002	Platform Bar	1985-05-29	110.00
398782	10002	Platform Bar	1985-05-29	110.00
398862	10002	Platform Bar	1985-05-29	120.00
398868	10002	Platform Bar	1985-05-29	110.00
399386	10002	Platform Bar	1985-05-29	110.00
400208	10002	Platform Bar	1985-05-29	110.00
400615	10002	Platform Bar	1985-05-29	130.00
401130	10002	Platform Bar	1985-05-29	110.00
401618	10002	Platform Bar	1985-05-29	110.00
403053	10002	Platform Bar	1985-05-29	130.00
403168	10002	Platform Bar	1985-05-29	110.00
403226	10002	Platform Bar	1985-05-29	120.00
405766	10002	Platform Bar	1985-05-29	110.00
405875	10002	Platform Bar	1985-05-29	110.00
407408	10002	Platform Bar	1985-05-29	110.00
409646	10002	Platform Bar	1985-05-29	120.00
409749	10002	Platform Bar	1985-05-29	120.00
410177	10002	Platform Bar	1985-05-29	130.00
411537	10002	Platform Bar	1985-05-29	120.00
589809	10002	Platform Bar	1985-05-29	115.00
591590	10002	Platform Bar	1985-05-29	115.00
617214	10002	Platform Bar	1985-05-29	125.00
629792	10002	Platform Bar	1985-05-29	110.00
642204	10002	Platform Bar	1985-05-29	115.00
698470	10002	Platform Bar	1985-05-29	110.00
698615	10002	Platform Bar	1985-05-29	115.00
703831	10002	Platform Bar	1985-05-29	110.00
731882	10002	Platform Bar	1985-05-29	110.00
733768	10002	Platform Bar	1985-05-29	110.00
349291	10002	Platform Bar	1987-09-09	120.00
364343	10002	Platform Bar	1987-09-09	110.00
588815	10002	Platform Bar	1987-09-09	110.00
621100	10002	Platform Bar	1987-09-09	120.00
688125	10002	Platform Bar	1987-09-09	120.00
364380	10002	Platform Bar	1988-06-07	110.00
391569	10002	Platform Bar	1988-06-07	110.00
409088	10002	Platform Bar	1988-06-07	120.00
582109	10002	Platform Bar	1988-06-07	110.00
657493	10002	Platform Bar	1988-09-29	110.00
398924	10002	Platform Bar	1989-09-06	130.00
576941	10002	Platform Bar	1990-06-14	110.00
412500	10002	Platform Bar East	1991-06-19	110.00
422864	10002	Platform Bar East	1991-06-19	110.00
177060	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

## Number of Oysters Counted - Dead/0.1m2

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

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
658851	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 - Live/0.1m2

Table 11: Flagged Values - High Indicator Quantile: 263

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6471	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

## Shell Height/0.1m2

Table 12: Flagged Values - High Indicator Quantile: *79.941*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6899	5063	285	2016-11-15	80
13049	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

## Density

Table 13: Flagged Values - High Indicator Quantile: *7387.008*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
769345	4000	PF323	2015-12-16	9136
769347	4000	PF323	2015-12-16	8208
799026	4000	PF4	2018-09-09	7440
811258	4000	PF415	2016-01-13	8448
825198	4000	PFD	2015-08-06	7552
825334	4000	PFD	2015-08-06	11104

### Programs containing flagged data:

*4000* - Guana Tolomato Matanzas NERR Oyster monitoring

## Number of Oysters Counted - Total/0.1m2

Table 14: Flagged Values - High Indicator Quantile: 288.2

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
10430	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



## Shell Height/1m2

Table 15: Flagged Values - High Indicator Quantile: *118.303*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
10045	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

## Number of Oysters Counted - Dead/1m2

Table 16: Flagged Values - High Indicator Quantile: *171.616*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
709101	5073	FLAN61-A1006-TJ912Q	2010-10-06	178

### Programs containing flagged data:

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

## Number of Oysters Counted - Dead/0.25m2

Table 17: Flagged Values - High Indicator Quantile: *168.16*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
756511	4014	10	2003-09-22	201
606532	4014	5	2003-07-22	178
708937	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 - Live/0.25m2

Table 18: Flagged Values - High Indicator Quantile: *457.165*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
904050	4012	TB_Restore	2016-03-01	512
606531	4014	10	2003-09-22	695
606818	4014	13	2003-10-21	901

### Programs containing flagged data:

*4012* - SCCF Oyster Restoration Monitoring

*4014* - Loxahatchee River Oyster Mapping and Recruitment

## Number of Oysters Counted - Total/1m2

Table 19: Flagged Values - High Indicator Quantile: *305.164*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
16308	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

## Number of Oysters Counted - Live/1m2

Table 20: Flagged Values - High Indicator Quantile: *267.6*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
618358	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

## Number of Oysters Counted - Live/0.06m2

Table 21: Flagged Values - High Indicator Quantile: *209.608*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
529377	972	ANG1	2013-05-22	248
529389	972	ANG1	2017-12-14	225

### Programs containing flagged data:

972 - Sarasota County Comprehensive Oyster Monitoring Program

## Shell Height/NA<sub>m2</sub>

Table 22: Flagged Values - High Indicator Quantile: *151.23306*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
34644	5072	8CI1	2012-06-22	154.08
34645	5072	8CI1	2013-06-05	156.81
68221	5072	8CI1	2013-06-11	169.00
34640	5072	8CI1	2013-06-12	161.95
28350	5072	8CI1	2013-06-17	151.87
22900	5072	8CI41	2011-06-15	155.00
28721	5072	8CI41	2011-06-17	169.18
35115	5072	8CI41	2011-06-17	151.26

### Programs containing flagged data:

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



## Number of Oysters Counted - Total/0.25m2

Table 23: Flagged Values - High Indicator Quantile: *584.288*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
606920	4014	10	2003-09-22	896
607002	4014	13	2003-10-21	1028
548528	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 - Dead/0.06m2

Table 24: Flagged Values - High Indicator Quantile: *99.889*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
478848	4042	042a	2018-01-22	100
632755	4042	723a	2018-01-31	100

### Programs containing flagged data:

*4042* - Estero Bay Oyster Monitoring

## Number of Oysters Counted - Total/0.06m2

Table 25: Flagged Values - High Indicator Quantile: *532.472*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
769350	4000	PF323	2015-12-16	571
825557	4000	PFD	2015-08-06	694

### Programs containing flagged data:

*4000* - Guana Tolomato Matanzas NERR Oyster monitoring

## Number of Oysters Counted - Live/NA m2

Table 26: Flagged Values - High Indicator Quantile: *101.124*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
856330	4012	TB_Reference	2023-03-15	102

### Programs containing flagged data:

*4012* - SCCF Oyster Restoration Monitoring

## Number of Oysters Counted - Total/NA<sub>m</sub>2

Table 27: Flagged Values - High Indicator Quantile: 104.5

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
843229	4012	TB_Reference	2023-03-15	105

### Programs containing flagged data:

4012 - SCCF Oyster Restoration Monitoring

## Number of Oysters Counted - Dead/NA<sub>m</sub>2

Table 28: Flagged Values - High Indicator Quantile: *27.85*

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
841104	4012	TB_Reference	2021-03-11	28

### Programs containing flagged data:

*4012* - SCCF Oyster Restoration Monitoring