

Coral/Coral Reef Indicator Quantile Report

SEACAR Analysis

Last compiled on 21 January, 2025

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Overview

Purpose

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

Relevant file locations

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

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

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

Process steps

IQ_Report_Render.R & IQ_Report.Rmd

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

Summary

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

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

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

All_CORAL_Parameters-2024-Dec-08.txt

Indicator: Community Composition

- Colony Density
- Count
- Presence/Absence

Indicator: Grazers and Reef Dependent Species

- Count
- Presence/Absence
- Standard Length

Indicator: Percent Cover

- Colony Diameter
- Colony Height
- Colony Length
- Colony Width
- Percent Cover
- Percent Live Tissue

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: Community Composition

Table 1: Indicator Quantile Overview

ParameterName	q low	q high	mean	n tot	n q low	n q high	pct flagged
Colony Density	0	37.53	0.25	42470	0	43	0.10
Count	0	1000.00	5.08	10571	0	5	0.05
Presence/Absence	0	1.00	0.98	1006730	0	0	0.00

Indicator: Grazers and Reef Dependent Species

Table 2: Indicator Quantile Overview

ParameterName	q low	q high	mean	n tot	n q low	n q high	pct flagged
Count	0	1000	10.56	87158	0	29	0.03
Presence/Absence	0	1	0.99	4686251	0	0	0.00

Indicator: Percent Cover

Table 3: Indicator Quantile Overview

ParameterName	q low	q high	mean	n tot	n q low	n q high	pct flagged
Colony Diameter	0	240.00	18.16	82238	0	76	0.09
Colony Height	1	155.00	12.12	207104	190	193	0.18
Colony Length	1	361.87	66.04	14027	0	15	0.11
Colony Width	2	220.00	19.86	195782	133	177	0.16
Percent Cover	0	35.00	0.64	341114	0	321	0.09
Percent Live Tissue	0	100.00	57.89	9004	0	0	0.00

Low Quantile

Indicator: Community Composition

There are no *Low* Quantile Flagged Values for Colony Density

There are no *Low* Quantile Flagged Values for Count

There are no *Low* Quantile Flagged Values for Presence/Absence

Indicator: Grazers and Reef Dependent Species

There are no *Low* Quantile Flagged Values for Count

There are no *Low* Quantile Flagged Values for Presence/Absence

There are no *Low* Quantile Flagged Values for Standard Length

Indicator: Percent Cover

There are no *Low* Quantile Flagged Values for Colony Diameter

Colony Height

Table 4: Flagged Values - Low Indicator Quantile: 1

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
958859	136	SI1	2011-05-19	Acropora palmata	0.5
156499	169	102C	2005-12-31	Agaricia agaricites	0.5
163820	169	102C	2005-12-31	Porites astreoides	0.5
20980	169	117C	2005-12-31	Porites astreoides	0.5
39974	169	117C	2005-12-31	Agaricia agaricites	0.5
19840	169	136-2007	2007-12-31	Acropora cervicornis	0.1
19994	169	136-2007	2007-12-31	Acropora cervicornis	0.2
362339	169	147-2007	2007-12-31	Acropora palmata	0.5
203334	169	148-2007	2007-12-31	Acropora palmata	0.5
211211	169	148-2007	2007-12-31	Acropora palmata	0.2
200561	169	159C	2005-12-31	Stephanocoenia intersepta	0.5
1094	169	162C	2005-12-31	Stephanocoenia intersepta	0.5
8517	169	172C	2005-12-31	Agaricia agaricites	0.5
13915	169	172C	2005-12-31	Stephanocoenia intersepta	0.5
15801	169	172C	2005-12-31	Siderastrea siderea	0.5
142258	169	180C	2005-12-31	Orbicella faveolata	0.5
150248	169	180C	2005-12-31	Agaricia agaricites	0.5
271138	169	185C	2005-12-31	Stephanocoenia intersepta	0.5
289802	169	185C	2005-12-31	Siderastrea radians	0.5
290337	169	185C	2005-12-31	Siderastrea siderea	0.5
55865	169	190C	2005-12-31	Acropora cervicornis	0.5
9493	169	213C	2005-12-31	Stephanocoenia intersepta	0.5
10840	169	213C	2005-12-31	Siderastrea siderea	0.5
11484	169	213C	2005-12-31	Montastraea cavernosa	0.5
45499	169	215-2006	2006-12-31	Acropora cervicornis	0.5
32643	169	217-2007	2007-12-31	Acropora palmata	0.3
32870	169	217-2007	2007-12-31	Acropora palmata	0.5
33160	169	217-2007	2007-12-31	Acropora palmata	0.1
56925	169	217-2007	2007-12-31	Acropora palmata	0.2

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
129787	169	217-2007	2007-12-31	Acropora palmata	0.6
132928	169	217-2007	2007-12-31	Acropora palmata	0.8
163463	169	224C	2005-12-31	Montastraea cavernosa	0.5
274143	169	224C	2005-12-31	Stephanocoenia intersepta	0.5
389180	169	227C	2005-12-31	Stephanocoenia intersepta	0.5
694943	169	227C	2005-12-31	Montastraea cavernosa	0.5
695077	169	227C	2005-12-31	Siderastrea siderea	0.5
139086	169	231C	2002-12-31	Colpophyllia natans	0.0
37162	169	240-2006	2006-12-31	Acropora palmata	0.8
38494	169	240-2006	2006-12-31	Acropora palmata	0.5
38693	169	240-2006	2006-12-31	Acropora palmata	0.1
38825	169	240-2006	2006-12-31	Acropora palmata	0.3
45501	169	240-2006	2006-12-31	Acropora palmata	0.2
38900	169	241-2006	2006-12-31	Acropora palmata	0.2
38931	169	241-2006	2006-12-31	Acropora palmata	0.7
25901	169	260C	2005-12-31	Porites astreoides	0.5
28576	169	260C	2005-12-31	Stephanocoenia intersepta	0.5
28801	169	260C	2005-12-31	Siderastrea siderea	0.5
462929	169	260C	2005-12-31	Mycetophyllia danaana	0.5
3583	169	27-2007	2007-12-31	Acropora palmata	0.2
5547	169	27-2007	2007-12-31	Acropora palmata	0.3
53404	169	272-2011	2011-12-31	Acropora palmata	0.5
515966	169	273-2011	2011-12-31	Acropora palmata	0.5
3420	169	28-2007	2007-12-31	Acropora palmata	0.2
17156	169	28-2007	2007-12-31	Acropora palmata	0.1
22009	169	28-2007	2007-12-31	Acropora palmata	0.5
806830	169	280C	2005-12-31	Mycetophyllia danaana	0.5
822157	169	280C	2005-12-31	Mycetophyllia ferox	0.5
846868	169	280C	2005-12-31	Stephanocoenia intersepta	0.5
1552224	169	280C	2005-12-31	Colpophyllia natans	0.5
1576715	169	280C	2005-12-31	Siderastrea siderea	0.5
112654	169	29-2006	2006-12-31	Acropora palmata	0.3
35019	169	29-2007	2007-12-31	Acropora palmata	0.5
10365	169	298C	2005-12-31	Agaricia agaricites	0.2
10366	169	298C	2005-12-31	Colpophyllia natans	0.5
13210	169	298C	2005-12-31	Orbicella faveolata	0.5
14011	169	298C	2005-12-31	Porites astreoides	0.5
15771	169	298C	2005-12-31	Siderastrea siderea	0.5
27446	169	298C	2005-12-31	Porites astreoides	0.2
29194	169	30-2007	2007-12-31	Acropora palmata	0.5
93818	169	31-2007	2007-12-31	Acropora palmata	0.5
24760	169	34C	2009-12-31	Agaricia agaricites	0.0
145264	169	35C	2005-12-31	Porites astreoides	0.5
150555	169	35C	2005-12-31	Siderastrea siderea	0.5
35367	169	39-2006	2006-12-31	Acropora palmata	0.5
36142	169	39-2006	2006-12-31	Acropora palmata	0.6
41782	169	39-2006	2006-12-31	Acropora palmata	0.2
58257	169	39-2007	2007-12-31	Acropora cervicornis	0.2
62665	169	42C	2009-12-31	Agaricia agaricites	0.0
37810	169	43-2006	2006-12-31	Acropora palmata	0.3
85296	169	506C	2005-12-31	Stephanocoenia intersepta	0.5
91023	169	506C	2005-12-31	Stephanocoenia intersepta	0.2

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
93701	169	506C	2005-12-31	Stephanocoenia intersepta	0.4
124074	169	506C	2005-12-31	Siderastrea siderea	0.3
90644	169	525C	2005-12-31	Colpophyllia natans	0.3
106207	169	525C	2005-12-31	Stephanocoenia intersepta	0.5
111956	169	525C	2005-12-31	Siderastrea siderea	0.3
111957	169	525C	2005-12-31	Siderastrea siderea	0.5
112949	169	525C	2005-12-31	Siderastrea radians	0.3
39599	169	555C	2005-12-31	Agaricia agaricites	0.5
161313	169	56C	2005-12-31	Stephanocoenia intersepta	0.5
161582	169	56C	2005-12-31	Siderastrea siderea	0.5
18102	169	58-2007	2007-12-31	Acropora palmata	0.1
130382	169	60C	2005-12-31	Agaricia lamarcki	0.5
138464	169	60C	2005-12-31	Madracis senaria	0.5
328827	169	60C	2005-12-31	Stephanocoenia intersepta	0.5
328829	169	60C	2005-12-31	Siderastrea siderea	0.5
20364	169	61-2007	2007-12-31	Acropora cervicornis	0.5
152970	169	61C	2005-12-31	Agaricia agaricites	0.5
156446	169	61C	2005-12-31	Colpophyllia natans	0.5
160403	169	61C	2005-12-31	Siderastrea siderea	0.5
164071	169	61C	2005-12-31	Stephanocoenia intersepta	0.5
177352	169	61C	2005-12-31	Montastraea cavernosa	0.5
60690	169	692C	2005-12-31	Agaricia agaricites	0.8
63195	169	697C	2005-12-31	Agaricia agaricites	0.5
163131	169	704C	2002-12-31	Millepora alcicornis	0.5
189049	169	728C	2002-12-31	Agaricia humilis	0.5
307967	169	728C	2002-12-31	Millepora alcicornis	0.5
86443	169	743C	2005-12-31	Porites astreoides	0.5
76013	169	75-2006	2006-12-31	Acropora palmata	0.3
142734	169	77C	2005-12-31	Porites astreoides	0.5
85997	169	78-2006	2006-12-31	Acropora palmata	0.4
90983	169	78-2006	2006-12-31	Acropora palmata	0.2
93633	169	78-2006	2006-12-31	Acropora palmata	0.7
123065	169	78-2006	2006-12-31	Acropora palmata	0.3
30679	169	79-2006	2006-12-31	Acropora palmata	0.3
30680	169	79-2006	2006-12-31	Acropora palmata	0.8
35910	169	79-2006	2006-12-31	Acropora palmata	0.1
36108	169	79-2006	2006-12-31	Acropora palmata	0.2
36825	169	79-2006	2006-12-31	Acropora palmata	0.6
37537	169	79-2006	2006-12-31	Acropora palmata	0.9
37982	169	79-2006	2006-12-31	Acropora palmata	0.7
45056	169	79-2006	2006-12-31	Acropora palmata	0.4
62757	169	79-2006	2006-12-31	Acropora palmata	0.5
180931	169	796C	2002-12-31	Siderastrea siderea	0.0
190411	169	796C	2002-12-31	Madracis senaria	0.0
190412	169	796C	2002-12-31	Stephanocoenia intersepta	0.0
196667	169	796C	2002-12-31	Agaricia agaricites	0.0
71775	169	815C	2005-12-31	Agaricia agaricites	0.0
181134	169	824C	2002-12-31	Agaricia agaricites	0.0
188782	169	824C	2002-12-31	Siderastrea siderea	0.0
191961	169	824C	2002-12-31	Porites astreoides	0.0
194379	169	824C	2002-12-31	Agaricia agaricites	0.5
198848	169	824C	2002-12-31	Siderastrea radians	0.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
215033	169	824C	2002-12-31	Agaricia humilis	0.0
311523	169	824C	2002-12-31	Stephanocoenia intersepta	0.0
145828	169	82C	2005-12-31	Stephanocoenia intersepta	0.5
31427	169	83-2006	2006-12-31	Acropora cervicornis	0.6
72704	169	84-2007	2007-12-31	Acropora palmata	0.5
66845	169	862C	2005-12-31	Orbicella faveolata	0.5
204144	169	864C	2002-12-31	Mycetophyllia lamarckiana	0.5
80502	169	872C	2005-12-31	Porites astreoides	0.5
135800	169	887C	2005-12-31	Meandrina meandrites	0.5
142605	169	887C	2005-12-31	Siderastrea siderea	0.5
153558	169	887C	2005-12-31	Stephanocoenia intersepta	0.5
201291	169	888C	2002-12-31	Siderastrea siderea	0.5
233341	169	890C	2002-12-31	Siderastrea siderea	0.5
3197	169	9-2007	2007-12-31	Acropora cervicornis	0.0
151076	169	96C	2005-12-31	Agaricia agaricites	0.5
155066	169	96C	2005-12-31	Siderastrea siderea	0.5
175377	169	96C	2005-12-31	Porites astreoides	0.5
2453	169	99-2006	2006-12-31	Acropora palmata	0.3
147290	169	A108-2012	2012-12-31	Acropora cervicornis	0.5
608050	169	A425-2012	2012-12-31	Acropora palmata	0.5
6383996	3022	1328-881039-3022B	2014-08-08	Stephanocoenia intersepta	0.0
6323418	3022	2127-1224420-3022B	2014-07-21	Siderastrea siderea	0.5
6375355	3022	2127-1224420-3022B	2014-07-21	Mycetophyllia aliciae	0.5
6436322	3022	2144-1467441-3022B	2014-07-20	Stephanocoenia intersepta	0.5
6320057	3022	2146-1498127-3022B	2014-07-20	Orbicella franksi	0.5
6339104	3022	2146-1498127-3022B	2014-07-20	Siderastrea siderea	0.5
6434701	3022	2175-1438738-3022B	2014-07-20	Siderastrea siderea	0.5
6357456	3022	2195-1281175-3022B	2014-07-21	Montastraea cavernosa	0.5
6326806	3022	2232-1508696-3022B	2014-06-08	Siderastrea siderea	0.0
6489579	3022	2232-1508696-3022B	2014-06-08	Stephanocoenia intersepta	0.0
6340283	3022	2248-1628075-3022B	2014-06-02	Agaricia lamarcki	0.0
6315734	3022	2253-1336385-3022B	2014-07-21	Montastraea cavernosa	0.5
6332560	3022	2253-1336385-3022B	2014-07-21	Siderastrea siderea	0.5
6345682	3022	2253-1336385-3022B	2014-07-21	Stephanocoenia intersepta	0.5
6358661	3022	2312-1433911-3022B	2014-07-20	Siderastrea siderea	0.5
6490041	3022	2312-1433911-3022B	2014-07-20	Stephanocoenia intersepta	0.5
6333794	3022	2335-1464745-3022B	2014-07-22	Orbicella franksi	0.3
6347129	3022	2335-1464745-3022B	2014-07-22	Siderastrea radians	0.6
6369231	3022	2335-1464745-3022B	2014-07-22	Orbicella franksi	0.5
6369546	3022	2335-1464745-3022B	2014-07-22	Siderastrea radians	0.5
6417629	3022	2335-1464745-3022B	2014-07-22	Agaricia fragilis	0.3
6417765	3022	2335-1464745-3022B	2014-07-22	Agaricia lamarcki	0.3
6470743	3022	2335-1464745-3022B	2014-07-22	Siderastrea radians	0.3
6343456	3022	2337-1408892-3022B	2014-07-22	Siderastrea siderea	0.5
6347130	3022	2337-1408892-3022B	2014-07-22	Siderastrea radians	0.5
6442676	3022	2337-1408892-3022B	2014-07-22	Stephanocoenia intersepta	0.5
6311946	3022	2386-1539067-3022B	2014-07-25	Agaricia agaricites	0.5
6348619	3022	2386-1539067-3022B	2014-07-25	Montastraea cavernosa	0.5
6376673	3022	2386-1539067-3022B	2014-07-25	Siderastrea siderea	0.5
6329390	3022	2408-1514527-3022B	2014-07-22	Porites astreoides	0.5
6318026	3022	2423-1599179-3022B	2014-07-25	Agaricia lamarcki	0.5
6322622	3022	2423-1599179-3022B	2014-07-25	Orbicella franksi	0.5

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6478155	3022	2423-1599179-3022B	2014-07-25	Mycetophyllia ferox	0.5
6359085	3022	2669-1356987-3022B	2014-07-21	Porites astreoides	0.5
6363453	3022	2669-1356987-3022B	2014-07-21	Montastraea cavernosa	0.5
6364716	3022	2669-1356987-3022B	2014-07-21	Stephanocoenia intersepta	0.5
6604512	5040	Boot Key-1	2018-01-22	Siderastrea siderea	0.0

Programs containing flagged data:

136 - Population Status of Elkhorn Coral

169 - Abundance, Distribution, and Condition of Acropora Corals, Other Benthic Coral Reef Organisms, and Marine Debris (SCREAM)

3022 - National Coral Reef Monitoring Program (NCRMP)

5040 - Coral Disease Monitoring Sentinel Sites

There are no *Low* Quantile Flagged Values for Colony Length

Colony Width

Table 5: Flagged Values - Low Indicator Quantile: **2**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1120411	136	AR1	2019-08-08	Acropora palmata	1.00
970198	136	CF2	2011-09-15	Acropora palmata	1.50
1006794	136	CF2	2011-09-15	Acropora palmata	1.00
1030074	136	CF4	2011-09-15	Acropora palmata	1.00
1163483	136	CF4	2015-02-24	Acropora palmata	1.00
1761639	136	EL1	2014-10-02	Acropora palmata	1.00
1761724	136	EL1	2016-09-15	Acropora palmata	1.00
1060390	136	EL1	2018-10-12	Acropora palmata	1.00
972088	136	EL2	2013-10-21	Acropora palmata	1.00
1015473	136	EL2	2017-01-20	Acropora palmata	1.00
1007851	136	EL2	2017-06-15	Acropora palmata	1.00
1004871	136	EL2	2018-06-04	Acropora palmata	1.00
1007878	136	EL2	2018-10-12	Acropora palmata	1.00
1096760	136	EL2	2019-06-12	Acropora palmata	1.00
1030498	136	EL2	2019-10-10	Acropora palmata	1.00
1030564	136	EL3	2011-05-11	Acropora palmata	1.00
1015561	136	EL3	2011-09-28	Acropora palmata	1.00
1030601	136	EL3	2014-10-06	Acropora palmata	1.00
1165902	136	EL4	2019-06-11	Acropora palmata	1.00
1031090	136	EL4	2019-10-10	Acropora palmata	1.00
972316	136	FR1	2017-10-18	Acropora palmata	1.00
1031464	136	FR1	2022-11-15	Acropora palmata	1.00
972945	136	FR2	2014-09-30	Acropora palmata	1.00
1011063	136	FR2	2015-02-12	Acropora palmata	1.00
1062533	136	FR2	2015-09-25	Acropora palmata	1.00
1097925	136	FR2	2016-09-13	Acropora palmata	1.00
1016399	136	FR2	2018-05-31	Acropora palmata	1.00
1012164	136	FR3	2015-02-12	Acropora palmata	1.00
1007838	136	GR3	2017-06-28	Acropora palmata	1.00
1770263	136	HS3	2017-07-12	Acropora palmata	1.00
974860	136	KL3	2010-05-26	Acropora palmata	1.00
973746	136	KL3	2011-09-14	Acropora palmata	0.50
1008187	136	KL3	2012-09-18	Acropora palmata	1.00
1779636	136	KL3	2013-02-07	Acropora palmata	1.00
1098704	136	KL3	2015-09-22	Acropora palmata	1.00
1123854	136	ML1	2008-05-20	Acropora palmata	1.00
1779770	136	ML1	2011-02-09	Acropora palmata	1.00
1099171	136	ML2	2006-05-24	Acropora palmata	1.00
1770625	136	ML2	2008-05-20	Acropora palmata	1.00
1034145	136	ML2	2016-03-02	Acropora palmata	1.00
1799269	136	ML2	2016-06-17	Acropora palmata	1.00
1013935	136	ML2	2017-01-25	Acropora palmata	1.00
1099281	136	ML2	2018-10-12	Acropora palmata	1.00
1018122	136	ML3	2018-05-29	Acropora palmata	1.00
974259	136	NN1	2018-09-11	Acropora palmata	1.00
1169654	136	SI1	2013-06-03	Acropora palmata	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1780168	136	SI1	2013-09-19	Acropora palmata	1.00
1169658	136	SI1	2014-01-29	Acropora palmata	1.00
1169660	136	SI1	2015-02-23	Acropora palmata	1.00
1034601	136	SI1	2017-09-29	Acropora palmata	1.00
1780225	136	SI1	2018-06-01	Acropora palmata	1.00
977849	136	SI1	2019-10-09	Acropora palmata	1.00
1799756	136	SI2	2010-05-24	Acropora palmata	1.00
1099686	136	SI2	2010-10-01	Acropora palmata	1.00
996121	136	SI2	2011-05-19	Acropora palmata	1.00
1014841	136	SI2	2011-09-16	Acropora palmata	1.00
1010444	136	SI2	2012-01-18	Acropora palmata	1.00
996192	136	SI2	2012-09-20	Acropora palmata	1.00
1169966	136	SI2	2013-09-19	Acropora palmata	1.00
979469	136	SI2	2014-10-03	Acropora palmata	1.00
979470	136	SI2	2015-10-09	Acropora palmata	1.00
974624	136	SI2	2016-09-14	Acropora palmata	1.00
1780305	136	SI2	2018-06-01	Acropora palmata	1.00
1011602	136	SI3	2015-02-23	Acropora palmata	1.00
1015069	136	SI3	2015-10-09	Acropora palmata	1.00
1100273	136	TR1	2010-05-18	Acropora palmata	1.00
1011755	136	TR1	2011-07-19	Acropora palmata	1.00
1780402	136	TR1	2015-07-22	Acropora palmata	1.00
947767	136	TR2	2017-12-08	Acropora palmata	1.00
1094752	136	TR2	2018-07-13	Acropora palmata	1.00
1095223	136	TR3	2017-08-30	Acropora palmata	1.00
1730034	136	WA1	2019-10-22	Acropora palmata	1.00
6721637	981	A1120	2005-09-12	Agaricia agaricites	1.00
6674483	981	A4005	2005-08-22	Porites divaricata	1.00
6632356	981	MQ20	2019-08-22	Siderastrea siderea	1.00
6584762	981	S2096	2018-09-14	Siderastrea siderea	1.00
6659750	981	T1236	2019-08-27	Porites porites	1.00
6630343	981	V1326	2021-09-08	Siderastrea siderea	1.00
6867529	981	V1326	2021-09-08	Stephanocoenia intersepta	1.00
6710156	981	V1335	2021-09-23	Stephanocoenia intersepta	1.00
6599088	981	V3008	2021-09-09	Porites astreoides	1.00
6674419	981	V3024	2021-09-16	Orbicella faveolata	1.00
6642277	981	W1307	2022-08-31	Porites astreoides	1.00
6661803	981	W1340	2022-08-19	Agaricia agaricites	1.00
6640882	981	W3019	2022-09-23	Siderastrea siderea	1.00
6746176	981	Y1208	2023-09-22	Porites astreoides	1.00
6447734	3022	1008-1138030-3022B	2018-08-13	Favia fragum	1.00
6537732	3022	1008-1138030-3022B	2018-08-13	Siderastrea radians	1.00
6597657	3022	1033-2008583-3022B	2015-08-16	Porites astreoides	1.00
6443563	3022	1052-2003948-3022B	2015-08-16	Porites porites	1.00
6706352	3022	1063-2293416-3022B	2022-07-13	Colpophyllia natans	1.00
6468231	3022	1085-1964514-3022B	2018-09-25	Porites spp.	1.50
6468185	3022	1089-1960897-3022B	2018-09-25	Porites porites	1.50
6427568	3022	1095-1975207-3022B	2018-09-27	Porites porites	1.50
6533952	3022	1101-1976998-3022B	2018-09-27	Agaricia agaricites	1.50
6573676	3022	1138-1906339-3022B	2014-07-01	Agaricia spp.	1.00
6397761	3022	1142-1943617-3022B	2014-09-19	Porites porites	1.00
6426357	3022	1142-1943617-3022B	2014-09-19	Siderastrea siderea	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6573952	3022	1146-1898987-3022B	2014-06-30	Agaricia spp.	1.00
6537321	3022	1168-2003709-3022B	2018-10-24	Porites astreoides	1.00
6571190	3022	1172-1884276-3022B	2014-06-25	Agaricia agaricites	1.00
6449309	3022	1198-1820412-3022B	2018-08-08	Pseudodiploria strigosa	1.00
6383458	3022	1198-1893423-3022B	2014-06-29	Agaricia spp.	1.00
6377697	3022	1199-1895085-3022B	2014-06-29	Agaricia spp.	1.00
6475421	3022	1259-1444730-3022B	2016-08-12	Siderastrea siderea	1.00
6646386	3022	1288-1850237-3022B	2018-08-07	Montastraea cavernosa	1.00
6492266	3022	1312-1797085-3022B	2016-12-14	Acropora cervicornis	1.00
6602098	3022	1331-912483-3022B	2014-08-08	Porites astreoides	1.00
6446618	3022	1335-1358764-3022B	2016-08-11	Porites porites	1.00
6468312	3022	1375-965172-3022B	2018-08-13	Siderastrea radians	1.00
6605207	3022	1391-895691-3022B	2014-08-11	Porites furcata	1.00
6445423	3022	1446-871567-3022B	2014-08-09	Porites astreoides	1.00
6421169	3022	1453-852496-3022B	2014-08-04	Agaricia spp.	0.00
6704999	3022	1473-3603970-3022B	2022-08-05	Agaricia agaricites	1.00
6466111	3022	1669-1969230-3022B	2018-09-25	Porites porites	1.00
6493290	3022	2050-821367-3022B	2016-05-20	Agaricia agaricites	1.00
6700062	3022	2061-599835-3022B	2021-08-23	Stephanocoenia intersepta	1.00
6457119	3022	2152-602695-3022B	2021-08-23	Agaricia agaricites	1.00
6418444	3022	2159-1621483-3022B	2018-07-15	Porites porites	1.00
6440240	3022	2175-1438738-3022B	2014-07-20	Porites porites	1.50
6699459	3022	2205-1385188-3022B	2016-05-16	Acropora cervicornis	1.00
6561149	3022	2207-1424177-3022B	2016-05-17	Porites porites	1.00
6568729	3022	2227-633796-3022B	2022-09-09	Porites porites	1.00
6480366	3022	2597-1604607-3022B	2016-05-18	Acropora cervicornis	1.00
6469605	3022	2669-1356987-3022B	2014-07-21	Stephanocoenia intersepta	0.35
6498459	3022	3095-1480105-3022B	2020-09-15	Porites porites	1.00
6470155	3022	3157-723185-3022B	2022-08-11	Siderastrea radians	1.00
6486879	3022	3280-71981-3022B	2016-09-03	Siderastrea siderea	1.00
6543471	3022	3582-364828-3022B	2014-10-01	Porites astreoides	1.00
6595417	4019	IRMA_056	2017-10-09	Acropora cervicornis	1.00
6545456	4019	IRMA_089	2017-10-17	Acropora cervicornis	1.00
6598682	5040	Grouper Reef-2	2018-01-24	Montastraea cavernosa	1.50
6599186	5040	Grouper Reef-2	2018-01-24	Montastraea cavernosa	1.00

Programs containing flagged data:

136 - Population Status of Elkhorn Coral
981 - Florida Reef Resilience Program
3022 - National Coral Reef Monitoring Program (NCRMP)
4019 - Post-Hurricane Irma Rapid Assessment
5040 - Coral Disease Monitoring Sentinel Sites

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

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

High Quantile

Indicator: Community Composition

Colony Density

Table 6: Flagged Values - High Indicator Quantile: **37.531**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6585013	4019	IRMA_004	2017-10-12	Siderastrea siderea	45
6580385	4019	IRMA_016	2017-10-12	Siderastrea siderea	41
6580076	4019	IRMA_031	2017-10-16	Stephanocoenia intersepta	47
6625817	4019	IRMA_031	2017-10-16	Siderastrea siderea	97
6585015	4019	IRMA_032	2017-10-15	Siderastrea siderea	86
6580297	4019	IRMA_035	2017-10-17	Montastraea cavernosa	45
6609316	4019	IRMA_035	2017-10-17	Stephanocoenia intersepta	51
6645903	4019	IRMA_035	2017-10-17	Siderastrea siderea	109
6609574	4019	IRMA_036	2017-10-17	Siderastrea siderea	43
6616348	4019	IRMA_036	2017-10-17	Stephanocoenia intersepta	53
6846800	4019	IRMA_038	2017-10-14	Siderastrea siderea	72
6580422	4019	IRMA_043	2017-10-12	Siderastrea siderea	76
6846799	4019	IRMA_045	2017-10-16	Siderastrea siderea	39
6616608	4019	IRMA_046	2017-10-15	Siderastrea siderea	54
6580388	4019	IRMA_051	2017-10-16	Siderastrea siderea	69
6645255	4019	IRMA_051	2017-10-16	Stephanocoenia intersepta	69
6580380	4019	IRMA_052	2017-10-17	Siderastrea siderea	100
6645258	4019	IRMA_052	2017-10-17	Stephanocoenia intersepta	53
6706727	4019	IRMA_053	2017-10-14	Siderastrea siderea	41
6585017	4019	IRMA_064	2017-10-15	Siderastrea siderea	56
6706725	4019	IRMA_067	2017-10-14	Siderastrea siderea	55
6846797	4019	IRMA_069	2017-10-16	Siderastrea siderea	42
6609611	4019	IRMA_070	2017-10-16	Siderastrea siderea	71
6706562	4019	IRMA_070	2017-10-16	Stephanocoenia intersepta	61
6609609	4019	IRMA_073	2017-10-14	Siderastrea siderea	70
6585014	4019	IRMA_074	2017-10-14	Siderastrea siderea	51
6645846	4019	IRMA_074	2017-10-14	Porites astreoides	48
6645902	4019	IRMA_075	2017-10-16	Siderastrea siderea	39
6580299	4019	IRMA_081	2017-10-18	Porites astreoides	40
6609613	4019	IRMA_086	2017-10-15	Siderastrea siderea	54
6584970	4019	IRMA_087	2017-10-17	Porites astreoides	150
6580383	4019	IRMA_095	2017-10-12	Siderastrea siderea	63
6585016	4019	IRMA_096	2017-10-13	Siderastrea siderea	38
6846795	4019	IRMA_097	2017-10-15	Siderastrea siderea	50
6609610	4019	IRMA_099	2017-10-17	Siderastrea siderea	96
6585007	4019	IRMA_102	2017-10-09	Porites astreoides	50
6580384	4019	IRMA_104	2017-10-16	Siderastrea siderea	41
6585053	4019	IRMA_105	2017-10-16	Siderastrea siderea	57
6616377	4019	IRMA_105	2017-10-16	Stephanocoenia intersepta	42
6580115	4019	IRMA_109	2017-10-16	Stephanocoenia intersepta	61
6616609	4019	IRMA_109	2017-10-16	Siderastrea siderea	145
6846798	4019	IRMA_115	2017-10-13	Siderastrea siderea	55
6890534	5042	Irma 4	2018-01-01	Montastraea cavernosa	38

Programs containing flagged data:

4019 - Post-Hurricane Irma Rapid Assessment
5042 - 2017 Coral Disease Boundary Survey

CountTable 7: Flagged Values - High Indicator Quantile: **1000**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6790908	3024	40	2004-07-28	Unidentified fish	2000
6922076	3024	40	2004-08-18	Unidentified fish	2000
6783253	3024	65	1997-08-16	Eucinostomus melanopterus	2000
6786738	3024	91	2004-08-05	Unidentified fish	2000
6916795	3024	91	2004-08-05	Unidentified fish	3000

Programs containing flagged data:

3024 - Palm Beach County Artificial and Natural Reef Monitoring Program

There are no *High* Quantile Flagged Values for Presence/Absence

Indicator: Grazers and Reef Dependent Species

Count

Table 8: Flagged Values - High Indicator Quantile: **1000**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6889709	3024	10	2011-04-23	Haemulon aurolineatum	2000
6813255	3024	100	2001-07-21	Haemulidae	2000
6748761	3024	105	1997-11-15	Haemulon melanurum	2000
6852116	3024	115	2006-06-20	Haemulon aurolineatum	6000
6770580	3024	125	2000-05-20	Haemulidae	2000
6824805	3024	125	2001-04-07	Haemulidae	2000
6793320	3024	133	2008-06-14	Haemulon aurolineatum	3000
6915682	3024	136	2008-07-26	Haemulon aurolineatum	5000
6856908	3024	184	2009-06-18	Haemulidae	2000
6753053	3024	194	2012-08-04	Decapterus macarellus	4000
6846345	3024	200	2011-09-17	Haemulon aurolineatum	2000
6900018	3024	229	2014-06-07	Selar crumenophthalmus	2000
6762674	3024	23	1997-09-20	Haemulon aurolineatum	2000
6797127	3024	23	1997-09-20	Brachygenys chrysargyreum	1500
6797129	3024	23	1997-09-20	Haemulon aurolineatum	1500
6919241	3024	23	2000-06-03	Haemulon aurolineatum	1200
6849898	3024	27	2007-01-20	Haemulon aurolineatum	5000
6781989	3024	46	2006-11-18	Haemulon aurolineatum	4000
6833416	3024	46	2006-11-18	Haemulon aurolineatum	1015
6824727	3024	55	2002-07-17	Haemulon aurolineatum	1015
6810645	3024	56	2008-05-31	Haemulon aurolineatum	1500
6886582	3024	56	2008-05-31	Haemulon aurolineatum	2000
6815629	3024	6	2001-07-17	Decapterus punctatus	2000
6922113	3024	6	2001-07-17	Haemulon aurolineatum	2000
6812737	3024	65	1998-02-14	Haemulon aurolineatum	1100
6812954	3024	65	1999-09-11	Haemulidae	2000
6839137	3024	65	2001-12-16	Haemulon aurolineatum	1500
6902132	3024	65	2001-12-16	Anisotremus virginicus	2000
6747971	3024	81	2002-05-11	Haemulon aurolineatum	4000

Programs containing flagged data:

3024 - Palm Beach County Artificial and Natural Reef Monitoring Program

There are no *High* Quantile Flagged Values for Presence/Absence

There are no *High* Quantile Flagged Values for Standard Length

Indicator: Percent Cover

Colony Diameter

Table 9: Flagged Values - High Indicator Quantile: **240**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
34841	169	100-2006	2006-12-31	Acropora palmata	250
24615	169	125C	2009-12-31	Orbicella faveolata	245
60488	169	217-2007	2007-12-31	Acropora palmata	270
84588	169	241C	1999-12-31	Orbicella faveolata	294
121074	169	241C	1999-12-31	Orbicella faveolata	250
121075	169	241C	1999-12-31	Orbicella faveolata	385
83969	169	242C	1999-12-31	Orbicella faveolata	255
84737	169	242C	1999-12-31	Orbicella faveolata	300
172860	169	244C	2009-12-31	Orbicella faveolata	510
174702	169	244C	2009-12-31	Orbicella faveolata	305
82353	169	245C	1999-12-31	Orbicella faveolata	265
83799	169	245C	1999-12-31	Orbicella faveolata	334
37524	169	246C	2005-12-31	Acropora palmata	390
99266	169	272-2011	2011-12-31	Acropora palmata	268
42598	169	28-2007	2007-12-31	Acropora palmata	283
86089	169	29C	1999-12-31	Orbicella faveolata	250
1695415	169	338C	2009-12-31	Orbicella annularis	360
1954571	169	338C	2009-12-31	Orbicella annularis	350
1990419	169	338C	2009-12-31	Orbicella annularis	280
348677	169	364C	1999-12-31	Orbicella faveolata	265
370096	169	364C	1999-12-31	Siderastrea siderea	315
28313	169	39-2006	2006-12-31	Acropora palmata	280
125708	169	41C	2000-12-31	Orbicella faveolata	260
137725	169	45C	2002-12-31	Orbicella franksi	250
38855	169	471C	2005-12-31	Orbicella faveolata	295
40244	169	471C	2005-12-31	Orbicella annularis	270
9591	169	473C	2009-12-31	Orbicella faveolata	285
101686	169	496C	2000-12-31	Orbicella franksi	255
101736	169	500C	1999-12-31	Orbicella faveolata	280
4661	169	607C	2009-12-31	Orbicella annularis	250
5111	169	607C	2009-12-31	Orbicella annularis	360
7351	169	607C	2009-12-31	Orbicella annularis	400
55926	169	622C	2005-12-31	Montastraea cavernosa	245
64674	169	622C	2005-12-31	Orbicella faveolata	285
93692	169	622C	2005-12-31	Orbicella faveolata	280
58687	169	639C	2005-12-31	Orbicella faveolata	250
60301	169	639C	2005-12-31	Orbicella faveolata	325
60402	169	639C	2005-12-31	Orbicella faveolata	380
60521	169	639C	2005-12-31	Orbicella faveolata	340
70602	169	639C	2005-12-31	Orbicella faveolata	370
9362	169	648C	2009-12-31	Dendrogyra cylindrus	260
121311	169	674C	1999-12-31	Orbicella faveolata	355
122049	169	674C	1999-12-31	Orbicella faveolata	270

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
131424	169	674C	1999-12-31	Orbicella faveolata	410
163461	169	700C	1999-12-31	Orbicella faveolata	300
111714	169	701C	1999-12-31	Orbicella faveolata	270
23497	169	754C	1999-12-31	Orbicella faveolata	310
94485	169	815C	2005-12-31	Acropora palmata	315
94486	169	815C	2005-12-31	Acropora palmata	320
152597	169	A425-2012	2012-12-31	Acropora palmata	278
6564526	3022	1063-2293416-3022B	2022-07-13	Orbicella faveolata	370
6515441	3022	1130-1940938-3022B	2014-09-19	Orbicella faveolata	245
6513127	3022	1133-1856327-3022B	2014-07-24	Colpophyllia natans	245
6508530	3022	1148-1901802-3022B	2014-06-30	Orbicella faveolata	280
6590902	3022	1148-1901802-3022B	2014-06-30	Orbicella faveolata	285
6541513	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	270
6795365	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	500
6515872	3022	1297-1809650-3022B	2014-10-17	Orbicella faveolata	290
6523108	3022	1299-1795185-3022B	2014-10-18	Colpophyllia natans	250
6515876	3022	1325-1030082-3022B	2014-08-06	Orbicella faveolata	385
6534295	3022	1326-1171995-3022B	2014-08-24	Orbicella faveolata	245
6597058	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	300
6743006	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	340
6558143	3022	1350-1214471-3022B	2016-07-13	Orbicella annularis	380
6560359	3022	1381-2055312-3022B	2022-07-15	Orbicella faveolata	260
6795446	3022	1412-1112984-3022B	2016-07-14	Orbicella faveolata	260
6612293	3022	1421-1337948-3022B	2015-06-23	Orbicella annularis	350
6483727	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	260
6736297	3022	1639-1509874-3022B	2014-11-09	Orbicella faveolata	290
6548482	3022	2160-1618180-3022B	2016-05-12	Orbicella franksi	300
6535571	3022	2239-1552551-3022B	2018-08-24	Orbicella annularis	315
6825923	3022	2313-510699-3022B	2022-09-09	Orbicella faveolata	430
6663618	3022	2329-265062-3022B	2021-09-17	Orbicella faveolata	307
6511598	3022	2332-1345237-3022B	2018-08-21	Orbicella faveolata	350
6542726	3022	2777-1500208-3022B	2018-08-28	Orbicella faveolata	250
6587522	3022	2800-512034-3022B	2021-08-24	Orbicella faveolata	300

Programs containing flagged data:

169 - Abundance, Distribution, and Condition of Acropora Corals, Other Benthic Coral Reef Organisms, and Marine Debris (SCREAM)

3022 - National Coral Reef Monitoring Program (NCRMP)

Colony Height

Table 10: Flagged Values - High Indicator Quantile: **155**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1154012	136	SI2	2017-09-29	Acropora palmata	159
1774998	136	SI2	2022-11-14	Acropora palmata	170
953592	136	TR1	2015-07-22	Acropora palmata	201
1081328	136	TR1	2015-07-22	Acropora palmata	177
315754	169	116C	2001-12-31	Orbicella faveolata	187
103987	169	238C	2000-12-31	Orbicella faveolata	200
23662	169	239C	2009-12-31	Orbicella faveolata	190
62164	169	241C	1999-12-31	Orbicella faveolata	245
63758	169	241C	1999-12-31	Orbicella faveolata	205
62356	169	242C	1999-12-31	Orbicella faveolata	175
72324	169	242C	1999-12-31	Orbicella faveolata	177
18934	169	244C	2009-12-31	Orbicella annularis	160
23201	169	244C	2009-12-31	Orbicella faveolata	160
36179	169	244C	2009-12-31	Orbicella faveolata	240
62831	169	245C	1999-12-31	Orbicella faveolata	182
101031	169	245C	1999-12-31	Orbicella faveolata	170
536490	169	273-2011	2011-12-31	Acropora palmata	319
20627	169	276-2011	2011-12-31	Acropora palmata	245
113297	169	292C	2000-12-31	Orbicella faveolata	158
63329	169	29C	1999-12-31	Orbicella faveolata	200
1705069	169	338C	2009-12-31	Orbicella annularis	165
126653	169	347C	1999-12-31	Orbicella faveolata	210
140618	169	347C	1999-12-31	Orbicella faveolata	205
41784	169	39-2006	2006-12-31	Acropora palmata	190
122484	169	405C	2000-12-31	Orbicella faveolata	230
145146	169	45C	2002-12-31	Orbicella franksi	160
30832	169	471C	2005-12-31	Orbicella faveolata	160
111450	169	505C	2000-12-31	Orbicella franksi	170
126278	169	517C	2006-12-31	Colpophyllia natans	185
828475	169	576C	2001-12-31	Orbicella faveolata	180
845243	169	577C	2001-12-31	Colpophyllia natans	175
49435	169	580C	2005-12-31	Orbicella faveolata	160
21914	169	59C	2005-12-31	Orbicella faveolata	180
37542	169	622C	2005-12-31	Orbicella faveolata	200
38543	169	622C	2005-12-31	Orbicella faveolata	240
38575	169	622C	2005-12-31	Orbicella faveolata	170
40005	169	622C	2005-12-31	Orbicella faveolata	160
40256	169	622C	2005-12-31	Orbicella faveolata	165
41092	169	622C	2005-12-31	Orbicella faveolata	225
68782	169	622C	2005-12-31	Orbicella faveolata	280
39738	169	639C	2005-12-31	Orbicella faveolata	180
40961	169	639C	2005-12-31	Orbicella faveolata	170
40995	169	639C	2005-12-31	Orbicella faveolata	160
41971	169	639C	2005-12-31	Orbicella faveolata	200
12203	169	674C	1999-12-31	Orbicella faveolata	200
17143	169	674C	1999-12-31	Orbicella faveolata	157
18523	169	674C	1999-12-31	Orbicella faveolata	168
65993	169	6C	1999-12-31	Orbicella faveolata	305

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
30932	169	700C	1999-12-31	Orbicella faveolata	165
15278	169	701C	1999-12-31	Orbicella faveolata	160
64139	169	714C	2005-12-31	Orbicella faveolata	200
160461	169	74C	2001-12-31	Dendrogyra cylindrus	185
28813	169	754C	1999-12-31	Orbicella faveolata	200
351395	169	891C	2002-12-31	Millepora alcicornis	200
6329100	981	C1094	2006-09-18	Orbicella faveolata	185
6313324	981	C4110	2006-09-13	Orbicella faveolata	200
6382896	981	E1160	2008-08-06	Siderastrea siderea	200
6240623	981	F1007	2009-09-09	Orbicella faveolata	205
6450443	981	F1077	2009-08-04	Orbicella annularis	160
6482651	981	F1080	2009-08-04	Orbicella faveolata	170
6445769	981	I1343	2010-08-20	Montastraea cavernosa	160
6347824	981	I1347	2010-08-20	Orbicella faveolata	200
6395605	981	I1355	2010-08-13	Orbicella faveolata	300
6314953	981	I1377	2010-08-12	Orbicella annularis	190
6320276	981	I1377	2010-08-12	Orbicella annularis	180
6358335	981	I1377	2010-08-12	Orbicella annularis	160
6466136	981	I1377	2010-08-12	Orbicella annularis	210
6342455	981	I1410	2010-08-03	Orbicella annularis	220
6361994	981	I1435	2010-08-17	Montastraea cavernosa	178
6525654	981	J2840	2011-09-16	Orbicella faveolata	168
6540538	981	K1044	2012-10-09	Colpophyllia natans	188
6357950	981	K1133	2012-09-18	Orbicella faveolata	160
6497684	981	K1211	2012-10-15	Siderastrea radians	156
6547808	981	K2256	2012-09-24	Orbicella faveolata	165
6606084	981	L1036	2013-10-16	Orbicella faveolata	180
6755996	981	L1036	2013-10-16	Orbicella faveolata	160
6541156	981	L2109	2013-10-07	Orbicella faveolata	200
6600204	981	L2159	2013-10-08	Montastraea cavernosa	170
6606747	981	L2159	2013-10-08	Colpophyllia natans	170
6583793	981	M1109	2014-10-06	Orbicella faveolata	160
6406206	981	M1231	2014-09-21	Orbicella faveolata	200
6425880	981	M1235	2014-09-09	Orbicella faveolata	400
6426778	981	M2434	2014-09-19	Montastraea cavernosa	276
6396668	981	MQ2	2019-08-21	Orbicella faveolata	176
6428740	981	O1257	2015-09-10	Orbicella faveolata	180
6387391	981	O1313	2015-09-23	Orbicella faveolata	200
6414269	981	O1313	2015-09-23	Orbicella faveolata	180
6394906	981	O3086	2015-09-23	Orbicella faveolata	180
6435020	981	O3086	2015-09-23	Orbicella faveolata	200
6435647	981	O3086	2015-09-23	Orbicella faveolata	160
6499649	981	O3137	2015-10-14	Orbicella faveolata	160
6427290	981	Q1193	2016-09-12	Orbicella annularis	200
6466691	981	Q1193	2016-09-12	Orbicella annularis	400
6535310	981	Q1193	2016-09-12	Orbicella annularis	300
6438639	981	Q1217	2016-09-06	Orbicella annularis	225
6405336	981	R3004	2017-08-17	Orbicella faveolata	170
6614947	981	R3005	2017-08-17	Montastraea cavernosa	170
6195926	981	S1158	2018-10-11	Siderastrea siderea	500
6169949	981	S1253	2018-08-27	Montastraea cavernosa	300
6071975	981	S3010	2018-09-20	Orbicella faveolata	230

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6445328	981	S3010	2018-09-20	Orbicella faveolata	170
6609002	981	S3010	2018-09-20	Orbicella faveolata	185
6439081	981	T2249	2019-08-16	Orbicella faveolata	225
6443381	981	T2249	2019-08-16	Orbicella faveolata	190
6422906	981	T3003	2019-08-28	Orbicella faveolata	200
6066407	981	T3037	2019-10-22	Orbicella faveolata	165
6160408	981	U1219-2	2020-09-20	Orbicella faveolata	160
6282045	981	U1279	2020-10-12	Colpophyllia natans	300
6132654	981	U1399	2020-10-30	Montastraea cavernosa	210
6193873	981	U1568	2020-10-12	Orbicella faveolata	252
6193874	981	U1568	2020-10-12	Orbicella faveolata	190
6167739	981	U1653	2020-10-11	Orbicella faveolata	193
6131959	981	U2494	2020-09-18	Orbicella annularis	165
6115340	981	U3050	2020-09-18	Orbicella faveolata	170
6148602	981	UMQ20-16	2020-08-30	Montastraea cavernosa	200
6150315	981	V1244	2021-09-23	Orbicella annularis	160
6266431	981	V1330	2021-09-08	Siderastrea siderea	165
6157886	981	V1548	2021-09-17	Orbicella faveolata	199
6173934	981	V1555	2021-09-17	Orbicella faveolata	193
6174502	981	V3069	2021-10-15	Montastraea cavernosa	175
6236760	981	W1186	2022-10-14	Orbicella faveolata	165
6180166	981	W1246	2022-10-17	Orbicella annularis	190
6190153	981	W1246	2022-10-17	Orbicella annularis	195
6523393	981	W1246	2022-10-17	Orbicella annularis	255
6523449	981	W1250	2022-09-14	Orbicella annularis	180
6549918	981	W1250	2022-09-14	Siderastrea siderea	180
6549920	981	W1250	2022-09-14	Orbicella annularis	170
6288149	981	W1251	2022-09-14	Orbicella faveolata	210
6394155	981	W1251	2022-09-14	Colpophyllia natans	175
6225314	981	W1372	2022-10-25	Orbicella faveolata	158
6326862	981	W3020	2022-09-22	Orbicella faveolata	160
6474781	981	Y1192	2023-09-14	Orbicella faveolata	195
6472228	981	Y1243	2023-09-01	Orbicella faveolata	180
6522216	981	Y1250	2023-09-14	Orbicella annularis	165
6452619	981	Y1272	2023-09-14	Orbicella faveolata	225
6434779	981	Y1291	2023-09-19	Siderastrea siderea	200
6440476	981	Y1291	2023-09-19	Montastraea cavernosa	300
6468464	981	Y1294	2023-09-19	Orbicella faveolata	275
6543481	981	Y1294	2023-09-19	Orbicella faveolata	190
6574041	981	Y1294	2023-09-19	Orbicella faveolata	220
6484887	981	Y1298	2023-10-06	Orbicella faveolata	200
6603887	981	Y1300	2023-10-21	Orbicella faveolata	180
6450332	981	Y1305	2023-10-11	Siderastrea siderea	200
6528251	981	Y1341	2023-09-29	Orbicella annularis	200
6498062	981	Y1347	2023-09-29	Orbicella faveolata	300
6488029	981	Y1349	2023-09-06	Orbicella annularis	160
6452618	981	Y1384	2023-09-19	Orbicella faveolata	250
6497621	981	Y1384	2023-09-19	Orbicella faveolata	170
6581063	981	Y1384	2023-09-19	Orbicella annularis	170
6568065	981	Y1406	2023-09-19	Montastraea cavernosa	163
6586814	981	Y1434	2023-09-16	Orbicella faveolata	170
6484221	981	Y1469	2023-09-11	Orbicella faveolata	200

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6432678	981	Y3005	2023-07-17	Orbicella annularis	160
6539178	981	Y3007	2023-07-31	Orbicella faveolata	190
6464686	981	Y3038	2023-09-10	Orbicella faveolata	170
6468695	981	YMQ23-19	2023-10-06	Orbicella faveolata	191
6297832	3022	1129-1938807-3022B	2014-09-15	Orbicella faveolata	190
6301961	3022	1150-1836013-3022B	2014-09-07	Orbicella faveolata	185
6377407	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	200
6266867	3022	1231-1792899-3022B	2014-10-18	Orbicella faveolata	200
6390160	3022	1231-1792899-3022B	2014-10-18	Orbicella faveolata	180
6361389	3022	1297-1809650-3022B	2014-10-17	Orbicella faveolata	195
6361390	3022	1297-1809650-3022B	2014-10-17	Orbicella faveolata	190
6269747	3022	1325-1030082-3022B	2014-08-06	Orbicella faveolata	190
6269772	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	165
6302141	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	210
6307866	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	180
6324995	3022	1333-1687187-3022B	2018-08-15	Orbicella faveolata	170
6376968	3022	1334-1006382-3022B	2014-08-12	Orbicella faveolata	190
6377976	3022	1412-1112984-3022B	2016-07-14	Orbicella faveolata	175
6261185	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	190
6377038	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	175
6287996	3022	1433-1009004-3022B	2014-08-14	Acropora cervicornis	325
6301648	3022	1443-920017-3022B	2014-08-12	Orbicella faveolata	250
6278306	3022	1639-1509874-3022B	2014-11-09	Orbicella faveolata	180
6343554	3022	2160-1618180-3022B	2016-05-12	Orbicella franksi	200
6448665	3022	2250-1351132-3022B	2016-05-16	Orbicella faveolata	230
6312276	3022	2260-1382491-3022B	2018-08-27	Montastraea cavernosa	300
6519387	3022	2311-375135-3022B	2021-09-17	Orbicella faveolata	199
6361813	3022	2329-265062-3022B	2021-09-17	Orbicella faveolata	193
6341060	3022	2334-1483795-3022B	2016-06-04	Orbicella faveolata	180
6342826	3022	2598-1345270-3022B	2016-05-19	Orbicella faveolata	190
6699410	3022	9001-2472501-3022B	2022-11-01	Orbicella annularis	180
6411782	3022	9088-2166134-3022B	2022-08-19	Orbicella faveolata	170
6368734	3022	9091-2169455-3022B	2022-08-18	Orbicella faveolata	160
6412754	3022	9215-3452882-3022B	2022-10-31	Orbicella faveolata	210
6369204	3022	9228-3837275-3022B	2022-08-23	Orbicella faveolata	190
6412459	3022	9228-3837275-3022B	2022-08-23	Orbicella faveolata	170
6360770	4019	IRMA_069	2017-10-16	Orbicella faveolata	220
6456521	4019	IRMA_069	2017-10-16	Orbicella faveolata	200
6350586	4019	IRMA_075	2017-10-16	Orbicella faveolata	170
6347276	4019	IRMA_099	2017-10-17	Orbicella faveolata	180
6456038	4019	IRMA_108	2017-10-09	Orbicella faveolata	180

Programs containing flagged data:

136 - Population Status of Elkhorn Coral

169 - Abundance, Distribution, and Condition of Acropora Corals, Other Benthic Coral Reef Organisms, and Marine Debris (SCREAM)

981 - Florida Reef Resilience Program

3022 - National Coral Reef Monitoring Program (NCRMP)

4019 - Post-Hurricane Irma Rapid Assessment

Colony Length

Table 11: Flagged Values - High Indicator Quantile: **361.87**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1021417	136	CF3	2004-04-05	Acropora palmata	380
1004407	136	CF3	2004-07-22	Acropora palmata	385
1004409	136	CF3	2004-10-21	Acropora palmata	390
1086666	136	CF3	2005-02-03	Acropora palmata	390
1004412	136	CF3	2005-05-23	Acropora palmata	395
1775386	136	CF3	2009-12-10	Acropora palmata	362
1002366	136	CF3	2010-05-26	Acropora palmata	368
1086913	136	CF3	2010-10-29	Acropora palmata	367
1790159	136	CF3	2011-02-08	Acropora palmata	370
995582	136	CF3	2011-05-12	Acropora palmata	365
1790181	136	CF3	2011-09-15	Acropora palmata	368
995584	136	CF3	2012-01-12	Acropora palmata	364
1756320	136	FR1	2004-09-30	Acropora palmata	600
1115883	136	FR1	2005-08-01	Acropora palmata	600
931176	136	TR2	2017-12-08	Acropora palmata	422

Programs containing flagged data:

136 - Population Status of Elkhorn Coral

Colony Width

Table 12: Flagged Values - High Indicator Quantile: **220**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1162600	136	CF3	2004-04-05	Acropora palmata	280
1006845	136	CF3	2004-07-22	Acropora palmata	285
1006900	136	CF3	2004-10-21	Acropora palmata	285
1006901	136	CF3	2005-02-03	Acropora palmata	285
1006904	136	CF3	2005-05-23	Acropora palmata	300
1163830	136	EL1	2012-02-08	Acropora palmata	221
1003568	136	EL1	2012-05-15	Acropora palmata	225
1030235	136	EL1	2012-09-24	Acropora palmata	225
1014728	136	EL1	2013-02-05	Acropora palmata	230
1014761	136	EL1	2013-06-03	Acropora palmata	230
1014763	136	EL1	2013-10-21	Acropora palmata	230
1003573	136	EL1	2014-02-06	Acropora palmata	233
1030262	136	EL1	2014-05-29	Acropora palmata	235
1096285	136	EL1	2014-10-02	Acropora palmata	235
1007604	136	EL1	2015-02-09	Acropora palmata	230
1007606	136	EL1	2015-06-05	Acropora palmata	235
1014805	136	EL1	2015-09-29	Acropora palmata	235
1003615	136	EL1	2016-03-01	Acropora palmata	237
1096347	136	EL1	2016-06-27	Acropora palmata	240
973258	136	FR1	2004-09-30	Acropora palmata	250
1062044	136	FR1	2005-08-01	Acropora palmata	250
1031358	136	FR1	2012-05-09	Acropora palmata	228
1014150	136	ML3	2010-10-15	Acropora palmata	222
1018045	136	ML3	2011-02-09	Acropora palmata	222
1169387	136	ML3	2011-09-13	Acropora palmata	223
1780030	136	ML3	2012-01-19	Acropora palmata	225
1014631	136	ML3	2017-01-26	Acropora palmata	221
1018482	136	SI2	2018-06-01	Acropora palmata	228
1780326	136	SI2	2018-09-25	Acropora palmata	238
1034837	136	SI2	2019-10-09	Acropora palmata	224
6743054	981	D4030	2007-09-29	Orbicella faveolata	287
6638141	981	D4065	2007-09-19	Orbicella annularis	250
6706051	981	E1059	2008-09-23	Siderastrea siderea	285
6628805	981	E1098	2008-09-15	Siderastrea siderea	250
6716398	981	E4023	2008-08-12	Colpophyllia natans	300
6846048	981	F1001	2009-08-21	Orbicella annularis	250
6847403	981	F1001	2009-08-21	Orbicella annularis	270
6686769	981	F1048	2009-09-15	Orbicella franksi	250
6690092	981	F1080	2009-08-04	Orbicella faveolata	300
6711538	981	F1080	2009-08-04	Orbicella faveolata	250
6673306	981	F4012	2009-09-16	Colpophyllia natans	235
6690878	981	I1347	2010-08-20	Orbicella faveolata	290
6699286	981	I1355	2010-08-13	Orbicella faveolata	300
6744098	981	I1355	2010-08-13	Colpophyllia natans	280
6817881	981	I1355	2010-08-13	Orbicella faveolata	280
6687470	981	I1376	2010-08-12	Pseudodiploria strigosa	240
6635094	981	I1377	2010-08-12	Orbicella annularis	300
6884706	981	I1377	2010-08-12	Orbicella annularis	270

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6642083	981	I1410	2010-08-03	Orbicella annularis	270
6655512	981	J2640	2011-08-24	Colpophyllia natans	300
6636082	981	J2824	2011-09-07	Colpophyllia natans	250
6677752	981	J2824	2011-09-07	Orbicella annularis	230
6638320	981	J2840	2011-09-16	Orbicella faveolata	280
6831463	981	K1011	2012-09-13	Orbicella franksi	280
6676080	981	K1013	2012-09-12	Colpophyllia natans	250
6669535	981	K1028	2012-09-11	Orbicella faveolata	380
6641415	981	K1162	2012-09-07	Orbicella annularis	250
6880116	981	L2109	2013-10-07	Orbicella faveolata	250
6625253	981	L2148	2013-09-12	Pseudodiploria clivosa	250
6679772	981	L2159	2013-10-08	Colpophyllia natans	240
6636965	981	M1231	2014-09-21	Orbicella faveolata	375
6715403	981	M1235	2014-09-09	Orbicella faveolata	320
6668546	981	M2424	2014-09-21	Montastraea cavernosa	250
6782818	981	M2434	2014-09-19	Montastraea cavernosa	315
6594186	981	MQ21	2019-08-23	Orbicella faveolata	285
6641942	981	O1250	2015-08-18	Montastraea cavernosa	300
6648249	981	O1250	2015-08-18	Montastraea cavernosa	225
6658461	981	O2176	2015-09-03	Siderastrea siderea	222
6889490	981	O2211	2015-09-22	Montastraea cavernosa	270
6683254	981	O3085	2015-09-22	Orbicella annularis	250
6795095	981	O3085	2015-09-22	Orbicella annularis	300
6650420	981	O3086	2015-09-23	Orbicella faveolata	270
6651626	981	O3086	2015-09-23	Orbicella annularis	240
6722349	981	O3086	2015-09-23	Orbicella faveolata	320
6636278	981	Q1193	2016-09-12	Orbicella annularis	325
6668816	981	Q1193	2016-09-12	Orbicella annularis	400
6614899	981	Q1217	2016-09-06	Orbicella annularis	450
6815713	981	Q3022	2016-10-03	Diploria labyrinthiformis	230
6563822	981	Q3027	2016-09-06	Montastraea cavernosa	250
6553796	981	R2227	2017-10-23	Orbicella faveolata	224
6541421	981	R3004	2017-08-17	Orbicella faveolata	400
6570128	981	S1158	2018-10-11	Siderastrea siderea	400
6604704	981	S1158	2018-10-11	Siderastrea siderea	300
6553158	981	S1182	2018-10-25	Orbicella faveolata	230
6541508	981	S1232	2018-08-21	Orbicella faveolata	350
6566826	981	S3003	2018-08-24	Orbicella annularis	315
6604024	981	S3008	2018-09-17	Orbicella faveolata	310
6567487	981	S3009	2018-08-28	Orbicella faveolata	250
6528638	981	S3010	2018-09-20	Orbicella faveolata	270
6558245	981	S3010	2018-09-20	Orbicella faveolata	300
6714755	981	S3010	2018-09-20	Colpophyllia natans	230
6572064	981	T1127	2019-08-26	Orbicella faveolata	250
6706916	981	T1146	2019-08-15	Orbicella annularis	335
6848539	981	T1244	2019-09-25	Colpophyllia natans	230
6549337	981	T2249	2019-08-16	Orbicella faveolata	221
6579691	981	T2249	2019-08-16	Orbicella faveolata	315
6554957	981	T3003	2019-08-28	Orbicella faveolata	350
6601942	981	T3003	2019-08-28	Orbicella annularis	300
6629175	981	T3007	2019-09-09	Porites porites	225
6644505	981	U1568	2020-10-12	Orbicella faveolata	262

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6658464	981	U1568	2020-10-12	Orbicella faveolata	313
6747125	981	U1653	2020-10-11	Orbicella faveolata	224
6730436	981	U2266	2020-09-10	Siderastrea siderea	230
6615204	981	U2494	2020-09-18	Orbicella annularis	250
6837261	981	U3006	2020-08-19	Montastraea cavernosa	350
6860107	981	V1230	2021-09-03	Orbicella faveolata	275
6648789	981	V1293	2021-09-02	Orbicella faveolata	236
6591705	981	V1534	2021-09-17	Orbicella faveolata	225
6719217	981	V1555	2021-09-17	Orbicella faveolata	307
6633114	981	V1558	2021-09-20	Orbicella faveolata	260
6625885	981	V3031	2021-09-21	Orbicella annularis	270
6599187	981	W1211	2022-08-18	Orbicella faveolata	625
6652815	981	W1211	2022-08-18	Orbicella faveolata	320
6662084	981	W1246	2022-10-17	Orbicella annularis	335
6679655	981	W1246	2022-10-17	Orbicella annularis	250
6720944	981	W1246	2022-10-17	Orbicella annularis	275
6883258	981	W1246	2022-10-17	Orbicella annularis	263
6664884	981	W1250	2022-09-14	Orbicella faveolata	260
6685345	981	W1250	2022-09-14	Siderastrea siderea	300
6611407	981	W1251	2022-09-14	Orbicella annularis	227
6635964	981	W1251	2022-09-14	Colpophyllia natans	240
6877609	981	W1251	2022-09-14	Orbicella faveolata	450
6890812	981	W1309	2022-09-20	Orbicella annularis	307
6619799	981	W1321	2022-09-16	Orbicella faveolata	243
6708469	981	W1356	2022-10-25	Montastraea cavernosa	250
6766426	981	W1393	2022-10-06	Orbicella faveolata	225
6631340	981	W1445	2022-09-16	Orbicella faveolata	280
6675329	981	WMQ22-19	2022-10-07	Orbicella faveolata	250
6889898	981	Y1192	2023-09-14	Orbicella faveolata	415
6678913	981	Y1272	2023-09-14	Orbicella faveolata	299
6717371	981	Y1291	2023-09-19	Siderastrea siderea	350
6693497	981	Y1294	2023-09-19	Orbicella faveolata	400
6855029	981	Y1294	2023-09-19	Orbicella faveolata	475
6762400	981	Y1300	2023-10-21	Orbicella faveolata	370
6694200	981	Y1341	2023-09-29	Orbicella annularis	280
6695989	981	Y1341	2023-09-29	Orbicella annularis	500
6740308	981	Y1341	2023-09-29	Orbicella annularis	335
6694243	981	Y1347	2023-09-29	Orbicella faveolata	250
6684536	981	Y1349	2023-09-06	Orbicella faveolata	225
6704201	981	Y1349	2023-09-06	Orbicella annularis	350
6679485	981	Y1354	2023-08-25	Orbicella faveolata	250
6712125	981	Y1354	2023-08-25	Orbicella faveolata	340
6745498	981	Y1354	2023-08-25	Orbicella faveolata	240
6745500	981	Y1354	2023-08-25	Orbicella faveolata	275
6899587	981	Y1354	2023-08-25	Orbicella faveolata	271
6684544	981	Y1355	2023-09-06	Orbicella faveolata	240
6757375	981	Y1355	2023-09-06	Orbicella faveolata	255
6899497	981	Y1355	2023-09-06	Orbicella faveolata	230
6682738	981	Y1358	2023-09-06	Orbicella annularis	255
6682873	981	Y1359	2023-08-25	Orbicella annularis	247
6838646	981	Y1359	2023-08-25	Orbicella faveolata	230
6726744	981	Y1384	2023-09-19	Orbicella faveolata	225

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6714084	981	Y3005	2023-07-17	Orbicella annularis	230
6727303	981	Y3005	2023-07-17	Orbicella annularis	350
6689084	981	Y3007	2023-07-31	Orbicella faveolata	245
6684887	981	Y3038	2023-09-10	Orbicella faveolata	250
6711707	981	YMQ23-19	2023-10-06	Orbicella faveolata	225
6715932	981	YMQ23-58	2023-10-06	Orbicella annularis	230
6463546	3022	1063-2293416-3022B	2022-07-13	Orbicella faveolata	320
6388182	3022	1148-1901802-3022B	2014-06-30	Orbicella faveolata	260
6444507	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	450
6445374	3022	1325-1030082-3022B	2014-08-06	Orbicella faveolata	277
6397755	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	240
6462222	3022	1381-2055312-3022B	2022-07-15	Orbicella faveolata	230
6679461	3022	1412-1112984-3022B	2016-07-14	Orbicella faveolata	240
6609763	3022	1421-1337948-3022B	2015-06-23	Orbicella annularis	300
6397454	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	235
6436778	3022	1639-1509874-3022B	2014-11-09	Orbicella faveolata	270
6492360	3022	2160-1618180-3022B	2016-05-12	Orbicella franksi	250
6468316	3022	2313-510699-3022B	2022-09-09	Orbicella faveolata	290
6537434	4019	IRMA_025	2017-10-18	Orbicella annularis	600
6646519	4019	IRMA_032	2017-10-15	Orbicella faveolata	240
6537219	4019	IRMA_069	2017-10-16	Orbicella annularis	225
6560787	4019	IRMA_069	2017-10-16	Orbicella faveolata	350
6797626	4019	IRMA_069	2017-10-16	Orbicella faveolata	375
6797519	4019	IRMA_099	2017-10-17	Orbicella faveolata	300
6646470	4019	IRMA_108	2017-10-09	Orbicella faveolata	400

Programs containing flagged data:

136 - Population Status of Elkhorn Coral

981 - Florida Reef Resilience Program

3022 - National Coral Reef Monitoring Program (NCRMP)

4019 - Post-Hurricane Irma Rapid Assessment

Percent Cover

Table 13: Flagged Values - High Indicator Quantile: **35**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
945897	295	212	2009-07-14	Octocorallia	42
1748814	295	251	2010-06-22	Scleractinia	36
1041638	295	251	2011-05-17	Scleractinia	38
979214	295	251	2012-07-16	Scleractinia	36
980949	295	251	2013-07-12	Scleractinia	37
1747604	295	251	2014-08-12	Scleractinia	36
1103975	295	252	2009-08-11	Scleractinia	44
956433	295	252	2010-06-22	Scleractinia	44
1738620	295	252	2011-05-17	Scleractinia	47
1744226	295	252	2012-07-16	Scleractinia	44
1110893	295	252	2013-07-12	Scleractinia	46
982691	295	252	2014-08-12	Scleractinia	44
1051131	295	252	2015-08-05	Scleractinia	41
1052004	295	252	2016-09-18	Scleractinia	42
961465	295	254	2014-08-12	Scleractinia	44
1052007	295	254	2016-09-18	Scleractinia	36
953133	295	261	2011-07-14	Octocorallia	37
930250	295	301	1996-07-24	Octocorallia	39
935145	295	301	1997-06-12	Octocorallia	41
932189	295	301	2002-07-26	Octocorallia	36
1738119	295	301	2004-06-13	Octocorallia	36
954455	295	301	2009-07-08	Octocorallia	42
1110986	295	301	2013-06-24	Octocorallia	40
1754927	295	301	2014-07-14	Octocorallia	39
970222	295	301	2019-06-19	Octocorallia	40
971652	295	301	2021-06-10	Octocorallia	36
962491	295	302	2002-07-26	Octocorallia	38
965184	295	302	2005-06-17	Octocorallia	38
1102218	295	302	2008-06-23	Octocorallia	36
1041453	295	302	2009-07-08	Octocorallia	38
951489	295	302	2012-08-20	Octocorallia	42
957190	295	302	2013-06-24	Octocorallia	36
1754928	295	302	2014-07-14	Octocorallia	40
1754174	295	302	2017-07-16	Octocorallia	36
1057049	295	302	2019-06-19	Octocorallia	39
1061350	295	302	2021-06-10	Octocorallia	41
956351	295	303	1999-07-20	Octocorallia	41
953577	295	303	2011-06-15	Octocorallia	37
1044001	295	303	2012-08-20	Octocorallia	44
1049768	295	303	2013-06-24	Octocorallia	39
983244	295	303	2014-07-14	Octocorallia	48
1755812	295	303	2015-07-10	Octocorallia	36
1114751	295	303	2016-07-16	Octocorallia	39
992199	295	303	2020-06-12	Octocorallia	36
972258	295	303	2021-06-10	Octocorallia	37
952606	295	304	1996-07-25	Octocorallia	38
1081480	295	304	1997-06-12	Octocorallia	38
937269	295	304	1999-07-20	Octocorallia	38
1748148	295	304	2011-06-15	Octocorallia	42

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
956706	295	304	2012-08-20	Octocorallia	42
960028	295	304	2013-06-24	Octocorallia	44
1050475	295	304	2014-07-14	Octocorallia	53
961228	295	304	2015-07-10	Octocorallia	40
1114752	295	304	2016-07-16	Octocorallia	45
963789	295	304	2017-07-16	Octocorallia	42
1758778	295	304	2018-07-14	Octocorallia	38
1119474	295	304	2019-06-19	Octocorallia	44
971487	295	304	2020-06-12	Octocorallia	43
970237	295	304	2021-06-10	Octocorallia	37
1083070	295	304	2022-07-18	Octocorallia	41
953199	295	331	1996-07-23	Scleractinia	40
1019066	295	331	1997-07-08	Scleractinia	43
1765000	295	331	1998-07-07	Scleractinia	42
943726	295	331	2009-07-11	Scleractinia	36
1754790	295	331	2017-07-20	Octocorallia	38
1120828	295	331	2020-06-11	Octocorallia	39
930576	295	332	1996-07-23	Scleractinia	49
1081844	295	332	1997-07-08	Scleractinia	40
971269	295	332	1998-07-07	Scleractinia	41
1027948	295	332	2003-05-02	Scleractinia	36
1033432	295	332	2007-07-14	Scleractinia	38
1039354	295	332	2008-06-21	Scleractinia	37
952325	295	332	2009-07-11	Scleractinia	42
1762277	295	332	2019-06-19	Octocorallia	37
1761809	295	332	2020-06-11	Octocorallia	37
970993	295	332	2021-06-13	Octocorallia	36
1083072	295	332	2022-09-14	Octocorallia	43
953203	295	334	1996-07-23	Octocorallia	44
1019177	295	334	1997-07-08	Octocorallia	37
1066735	295	334	1998-07-07	Octocorallia	51
938262	295	334	1999-07-23	Octocorallia	48
941565	295	334	2001-08-04	Octocorallia	50
932726	295	334	2002-07-17	Octocorallia	47
1736686	295	334	2003-05-02	Octocorallia	45
1094834	295	334	2004-06-14	Octocorallia	52
1031037	295	334	2005-06-18	Octocorallia	48
1032606	295	334	2006-06-21	Octocorallia	37
1741537	295	334	2007-07-14	Octocorallia	36
950187	295	334	2008-06-21	Octocorallia	50
1037838	295	334	2009-07-11	Octocorallia	49
1026384	295	342	2002-06-27	Octocorallia	36
945906	295	342	2003-05-02	Octocorallia	39
1030613	295	342	2004-06-01	Octocorallia	42
1032669	295	342	2006-05-22	Octocorallia	38
1729566	295	344	2004-06-01	Octocorallia	43
949980	295	344	2007-09-14	Octocorallia	37
951548	295	344	2008-05-23	Octocorallia	43
1744675	295	344	2009-06-25	Octocorallia	38
953361	295	351	1996-08-20	Octocorallia	50
1713816	295	351	1997-05-07	Octocorallia	41
942053	295	352	2001-05-11	Octocorallia	38

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1091323	295	352	2002-06-28	Octocorallia	40
936693	295	352	2004-06-01	Octocorallia	38
920146	295	353	1997-05-07	Octocorallia	40
1024261	295	353	2001-05-11	Octocorallia	36
945936	295	353	2002-06-28	Octocorallia	49
1736813	295	353	2003-05-02	Octocorallia	39
1094973	295	353	2004-06-01	Octocorallia	38
1744100	295	353	2008-05-21	Octocorallia	40
930829	295	354	1996-08-20	Octocorallia	42
933280	295	354	1997-05-07	Octocorallia	38
1024399	295	354	2001-05-11	Octocorallia	38
1031245	295	354	2005-05-19	Octocorallia	37
1081180	295	362	1996-09-10	Scleractinia	36
1145451	295	362	1998-05-19	Scleractinia	36
954144	295	382	2011-07-20	Octocorallia	39
1089104	295	383	2001-07-11	Octocorallia	36
945433	295	383	2002-08-11	Octocorallia	43
1028477	295	383	2003-07-15	Octocorallia	37
1740255	295	383	2011-07-20	Octocorallia	36
1109968	295	383	2012-07-18	Octocorallia	37
1756950	295	383	2017-08-20	Octocorallia	38
1754011	295	384	2013-07-16	Octocorallia	36
1731324	295	401	1996-09-11	Scleractinia	36
991272	295	401	1997-01-01	Scleractinia	39
1078957	295	402	1996-09-11	Scleractinia	45
1801697	295	402	1997-01-01	Scleractinia	41
917158	295	403	1996-09-11	Scleractinia	41
1014400	295	403	1997-01-01	Scleractinia	43
1124782	295	403	1998-05-19	Scleractinia	42
1169880	295	431	2020-08-12	Acropora prolifera	40
1765976	295	431	2020-08-12	Scleractinia	41
977581	295	431	2021-10-09	Scleractinia	49
1766998	295	431	2021-10-09	Acropora prolifera	48
992358	295	431	2022-08-15	Scleractinia	39
981828	295	452	2018-09-12	Octocorallia	37
1773875	295	452	2021-10-08	Octocorallia	36
1114826	295	504	2016-07-22	Octocorallia	38
967939	295	504	2018-07-13	Octocorallia	38
1762929	295	504	2021-06-15	Octocorallia	42
1000477	295	504	2022-07-13	Octocorallia	37
1016317	295	511	1996-07-22	Scleractinia	38
934804	295	511	1997-07-09	Scleractinia	39
935922	295	514	2003-08-12	Octocorallia	38
1095809	295	514	2004-06-17	Octocorallia	39
967318	295	514	2006-06-21	Octocorallia	40
1099937	295	514	2007-07-12	Octocorallia	38
952663	295	514	2008-06-19	Octocorallia	38
953946	295	514	2010-07-08	Octocorallia	46
1043969	295	514	2011-06-07	Octocorallia	42
955667	295	514	2012-08-17	Octocorallia	36
1754353	295	514	2013-06-20	Octocorallia	41
1050513	295	514	2014-07-07	Octocorallia	38

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
968291	295	514	2019-06-18	Octocorallia	37
1054217	295	574	1996-09-12	Scleractinia	38
1082709	295	574	1997-05-15	Scleractinia	39
974752	295	574	1998-05-13	Scleractinia	39
944201	295	574	2002-08-12	Scleractinia	39
977679	295	851	2003-08-18	Octocorallia	36
983618	295	851	2006-06-21	Octocorallia	39
1775465	295	851	2007-07-18	Octocorallia	47
1070187	295	851	2008-08-05	Octocorallia	44
1776876	295	851	2010-06-30	Octocorallia	45
987851	295	851	2012-08-09	Octocorallia	36
1130677	295	852	2004-07-20	Octocorallia	40
1000594	295	852	2007-07-18	Octocorallia	37
982323	295	861	2003-08-19	Octocorallia	36
982999	295	861	2004-07-22	Octocorallia	37
983038	295	901	2004-06-11	Scleractinia	39
1226161	295	901	2004-06-11	Acropora cervicornis	37
978364	295	901	2005-06-08	Scleractinia	37
1818165	295	901	2005-06-08	Acropora cervicornis	37
999675	295	902	2003-06-19	Scleractinia	37
1046249	295	902	2003-06-19	Acropora cervicornis	36
1069099	295	902	2004-06-11	Scleractinia	45
1167654	295	902	2004-06-11	Acropora cervicornis	45
978397	295	902	2005-06-08	Scleractinia	40
1167889	295	902	2005-06-08	Acropora cervicornis	40
1316424	295	903	2004-06-11	Acropora cervicornis	38
1774562	295	903	2004-06-11	Scleractinia	38
1000193	295	903	2005-06-30	Scleractinia	40
1227374	295	903	2005-06-30	Acropora cervicornis	39
1126032	295	904	2004-06-11	Acropora cervicornis	36
1131028	295	904	2004-06-11	Scleractinia	37
1000195	295	904	2005-06-30	Scleractinia	43
1818231	295	904	2005-06-30	Acropora cervicornis	42
2497	899	B18	2003-09-15	Scleractinia	42
3041	899	D10	2003-09-15	Scleractinia	55
21855	899	G15	2003-09-15	Scleractinia	40
68869	899	P01	2003-09-15	Scleractinia	45
6189639	3022	1004-1081885-3022A	2018-09-11	Other fleshy macroalgae	43
6252210	3022	1006-3528306-3022A	2022-08-02	Other fleshy macroalgae	36
6326111	3022	1008-3840821-3022A	2022-08-04	Other fleshy macroalgae	39
6214643	3022	1014-1816677-3022A	2018-11-08	Other fleshy macroalgae	55
6211705	3022	1018-1954838-3022A	2018-09-26	Other fleshy macroalgae	49
6204224	3022	1052-2003948-3022A	2015-08-16	Other fleshy macroalgae	63
6265397	3022	1052-2003948-3022A	2015-08-16	Other fleshy macroalgae	56
6158284	3022	1136-1866409-3022A	2014-06-27	Other fleshy macroalgae	40
6158285	3022	1136-1866409-3022A	2014-06-27	Other fleshy macroalgae	38
6163524	3022	1165-1875606-3022A	2014-06-27	Other fleshy macroalgae	38
6164495	3022	1170-1898683-3022A	2014-06-30	Other fleshy macroalgae	52
6214148	3022	1170-1898683-3022A	2014-06-30	Other fleshy macroalgae	44
6146647	3022	1209-1853827-3022A	2014-07-21	Other fleshy macroalgae	61
6162966	3022	1209-1853827-3022A	2014-07-21	Other fleshy macroalgae	60
6200777	3022	1230-2000266-3022A	2018-10-24	Other fleshy macroalgae	55

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6140044	3022	1241-1814308-3022A	2014-06-16	Other fleshy macroalgae	42
6167731	3022	1241-1814308-3022A	2014-06-16	Other fleshy macroalgae	44
6178281	3022	1256-1738555-3022A	2014-09-27	Other fleshy macroalgae	40
6175887	3022	1319-1378546-3022A	2014-11-07	Other fleshy macroalgae	36
6216750	3022	1350-1214471-3022A	2016-07-13	Orbicella annularis	39
6270852	3022	1359-1997368-3022A	2018-10-25	Other fleshy macroalgae	49
6192543	3022	1361-1060253-3022A	2015-06-21	Other fleshy macroalgae	49
6262074	3022	1361-1060253-3022A	2015-06-21	Other fleshy macroalgae	41
6213825	3022	1377-998588-3022A	2016-06-29	Porifera spp.	39
6212831	3022	1398-1985117-3022A	2018-10-25	Other fleshy macroalgae	39
6271737	3022	1406-565456-3022A	2022-09-15	Other fleshy macroalgae	39
6196418	3022	1413-1129851-3022A	2015-05-06	Other fleshy macroalgae	39
6255143	3022	1424-626310-3022A	2022-09-13	Other fleshy macroalgae	40
6321438	3022	1430-481149-3022A	2022-09-16	Other fleshy macroalgae	53
6320039	3022	1444-651969-3022A	2022-09-16	Other fleshy macroalgae	38
6256024	3022	1453-630223-3022A	2022-09-16	Other fleshy macroalgae	40
6229259	3022	1517-1955566-3022A	2018-09-26	Other fleshy macroalgae	62
6176948	3022	1530-1988531-3022A	2015-08-17	Other fleshy macroalgae	48
6195625	3022	1530-1988531-3022A	2015-08-17	Other fleshy macroalgae	36
6162969	3022	1627-1853466-3022A	2014-07-21	Other fleshy macroalgae	41
6155463	3022	1630-1843372-3022A	2014-06-10	Other fleshy macroalgae	60
6198205	3022	1714-985702-3022A	2014-08-25	Other fleshy macroalgae	38
6177721	3022	1741-1127030-3022A	2015-05-06	Other fleshy macroalgae	52
6183767	3022	1741-1127030-3022A	2015-05-06	Other fleshy macroalgae	45
6150672	3022	1758-939852-3022A	2014-08-13	Other fleshy macroalgae	48
6181167	3022	1758-939852-3022A	2014-08-13	Other fleshy macroalgae	54
6222272	3022	2002-1457610-3022A	2018-08-22	Other fleshy macroalgae	53
6193480	3022	2003-1359710-3022A	2018-08-22	Other fleshy macroalgae	67
6231769	3022	2006-527323-3022A	2021-08-23	Other calcareous macroalgae	39
6179853	3022	2026-1424072-3022A	2018-07-19	Other fleshy macroalgae	43
6201520	3022	2036-1426439-3022A	2018-08-22	Other fleshy macroalgae	39
6191550	3022	2041-1428881-3022A	2018-08-22	Other fleshy macroalgae	39
6191918	3022	2044-1414112-3022A	2018-07-19	Other fleshy macroalgae	41
6242760	3022	2061-599835-3022A	2021-08-23	Other fleshy macroalgae	76
6225415	3022	2064-574314-3022A	2021-08-23	Other fleshy macroalgae	57
6269458	3022	2064-599094-3022A	2022-09-08	Other fleshy macroalgae	53
6225330	3022	2092-578701-3022A	2021-08-23	Other fleshy macroalgae	71
6208164	3022	2129-1522151-3022A	2018-08-22	Other fleshy macroalgae	39
6180656	3022	2171-1599381-3022A	2018-08-20	Other fleshy macroalgae	38
6208835	3022	2218-1565795-3022A	2018-08-24	Other calcareous macroalgae	36
6243456	3022	2279-537016-3022A	2021-08-24	Other fleshy macroalgae	60
6243268	3022	2281-652668-3022A	2021-08-24	Other fleshy macroalgae	52
6333156	3022	2312-672368-3022A	2021-09-15	Dichocoenia stokesii	40
6223973	3022	2331-1526107-3022A	2018-08-24	Other fleshy macroalgae	42
6304976	3022	2341-1376721-3022A	2014-06-04	Other fleshy macroalgae	57
6321440	3022	2364-470369-3022A	2022-09-16	Other fleshy macroalgae	53
6238548	3022	2372-662374-3022A	2022-09-14	Other fleshy macroalgae	40
6278957	3022	2378-530789-3022A	2022-09-16	Other fleshy macroalgae	60
6303477	3022	2406-454760-3022A	2021-08-23	Other calcareous macroalgae	44
6303619	3022	2408-468523-3022A	2021-08-23	Other fleshy macroalgae	64
6232491	3022	2462-611053-3022A	2021-08-23	Other fleshy macroalgae	77
6242800	3022	2480-612454-3022A	2021-08-23	Other fleshy macroalgae	46

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6225333	3022	2487-572754-3022A	2021-08-23	Other fleshy macroalgae	65
6206892	3022	2528-1232857-3022A	2018-07-19	Other fleshy macroalgae	39
6311293	3022	2529-878275-3022A	2014-07-28	Other fleshy macroalgae	41
6194918	3022	2606-1571334-3022A	2018-08-23	Other fleshy macroalgae	57
6226387	3022	2611-1510832-3022A	2016-05-18	Other fleshy macroalgae	59
6223530	3022	2611-1518606-3022A	2014-06-06	Other fleshy macroalgae	36
6265892	3022	2685-657486-3022A	2021-08-24	Other fleshy macroalgae	37
6279661	3022	2791-1577119-3022A	2018-08-28	Other fleshy macroalgae	36
6276317	3022	3001-108076-3022A	2018-11-01	Other fleshy macroalgae	42
6251647	3022	3006-524452-3022A	2022-08-10	Other fleshy macroalgae	62
6367459	3022	3007-469352-3022A	2022-08-11	Other fleshy macroalgae	69
6292130	3022	3008-537568-3022A	2022-08-10	Other fleshy macroalgae	66
6287388	3022	3010-458230-3022A	2022-09-16	Other fleshy macroalgae	78
6267731	3022	3012-477231-3022A	2022-08-11	Other fleshy macroalgae	88
6285617	3022	3013-525109-3022A	2022-08-10	Other fleshy macroalgae	94
6340337	3022	3016-653037-3022A	2022-08-12	Other fleshy macroalgae	52
6367429	3022	3019-422144-3022A	2022-08-09	Other fleshy macroalgae	74
6247042	3022	3021-459924-3022A	2016-09-27	Other fleshy macroalgae	36
6285614	3022	3023-519195-3022A	2022-08-09	Other fleshy macroalgae	84
6222676	3022	3025-101517-3022A	2018-11-01	Other fleshy macroalgae	44
6339427	3022	3026-464084-3022A	2022-08-11	Other fleshy macroalgae	88
6339036	3022	3028-516594-3022A	2022-08-10	Other fleshy macroalgae	70
6230731	3022	3067-448450-3022A	2018-09-06	Other fleshy macroalgae	38
6290212	3022	3137-1383686-3022A	2022-06-13	Other fleshy macroalgae	54
6285167	3022	3140-2041616-3022A	2022-08-08	Other fleshy macroalgae	39
6290605	3022	3141-1576520-3022A	2022-06-24	Other fleshy macroalgae	49
6250510	3022	3143-1855940-3022A	2022-08-16	Other fleshy macroalgae	60
6292891	3022	3157-723185-3022A	2022-08-11	Other fleshy macroalgae	49
6201724	3022	3166-157572-3022A	2018-10-29	Other fleshy macroalgae	45
6224109	3022	3203-248103-3022A	2016-10-21	Porifera spp.	43
6248082	3022	3206-287119-3022A	2016-10-21	Encrusting gorgonian	39
6321242	3022	3217-73954-3022A	2016-09-03	Other fleshy macroalgae	43
6220707	3022	3222-83475-3022A	2016-09-04	Other fleshy macroalgae	84
6220569	3022	3224-73961-3022A	2016-09-03	Other fleshy macroalgae	43
6254355	3022	3225-90690-3022A	2016-09-04	Other fleshy macroalgae	37
6219794	3022	3226-91339-3022A	2016-09-04	Other fleshy macroalgae	48
6246223	3022	3230-101493-3022A	2016-09-04	Other fleshy macroalgae	49
6246224	3022	3231-104112-3022A	2016-09-04	Other fleshy macroalgae	59
6220221	3022	3250-163174-3022A	2016-09-14	Other fleshy macroalgae	61
6234159	3022	3261-153330-3022A	2016-09-12	Other fleshy macroalgae	48
6203107	3022	3262-132662-3022A	2018-10-30	Other fleshy macroalgae	39
6258780	3022	3285-532316-3022A	2022-08-10	Other fleshy macroalgae	91
6335878	3022	3312-537587-3022A	2020-09-28	Other fleshy macroalgae	52
6234160	3022	3623-106099-3022A	2016-09-12	Other fleshy macroalgae	66
6260825	3022	8071-4154300-3022A	2022-08-31	Other fleshy macroalgae	36
6289070	3022	9020-3452885-3022A	2022-09-08	Orbicella annularis	43
6766478	3024	19	2000-09-25	Sabellariidae	50
6861379	3024	19	2001-06-14	Sabellariidae	75
6903516	3024	19	2001-06-14	Sabellariidae	38
6903517	3024	19	2001-06-14	Sabellariidae	70
6903594	3024	19	2001-06-14	Sabellariidae	50
6766479	3024	19	2001-07-12	Sabellariidae	69

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6735464	3024	40	2000-08-10	Sabellariidae	75
6735489	3024	40	2000-08-10	Sabellariidae	50
6861502	3024	40	2000-08-10	Sabellariidae	60
6699337	3024	50	2000-06-16	Sabellariidae	80
6720065	3024	50	2000-06-16	Sabellariidae	40
6735289	3024	50	2000-06-16	Sabellariidae	50
6861497	3024	50	2000-06-21	Sabellariidae	40
6699224	3024	59	2000-08-11	Sabellariidae	63
6861553	3024	59	2000-08-11	Sabellariidae	90
6903504	3024	59	2000-08-11	Sabellariidae	60
6903505	3024	59	2000-08-11	Sabellariidae	75
6699221	3024	6	2000-06-15	Sabellariidae	72

Programs containing flagged data:

295 - Florida Keys and Southeast Florida Coral Reef Evaluation and Monitoring Project (CREMP/SECREMP)

899 - USGS Coral Reef Ecosystem Studies (CREST) Project

3022 - National Coral Reef Monitoring Program (NCRMP)

3024 - Palm Beach County Artificial and Natural Reef Monitoring Program

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