

# Coral/Coral Reef Indicator Quantile Report

## SEACAR Analysis

Last compiled on 12 June, 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-2025-Jun-06.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	38	0.25	42714	0	42	0.10
Count	0	801	5.24	11399	0	12	0.11
Presence/Absence	0	1	0.98	1012248	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	10.62	86713	0	29	0.03
Presence/Absence	0	1	1.00	4693152	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	11.99	221633	190	210	0.18
Colony Length	1	358.52	65.64	14697	0	15	0.10
Colony Width	2	218.90	19.66	213098	144	214	0.17
Percent Cover	0	34.00	0.61	385471	0	383	0.10
Percent Live Tissue	0	100.00	57.72	9331	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
1342129	136	SI1	2011-05-19	Acropora palmata	0.5
109497	169	102C	2005-12-31	Porites astreoides	0.5
123723	169	102C	2005-12-31	Agaricia agaricites	0.5
4724	169	117C	2005-12-31	Agaricia agaricites	0.5
5107	169	117C	2005-12-31	Porites astreoides	0.5
6643	169	136-2007	2007-12-31	Acropora cervicornis	0.1
211930	169	136-2007	2007-12-31	Acropora cervicornis	0.2
16811	169	147-2007	2007-12-31	Acropora palmata	0.5
13019	169	148-2007	2007-12-31	Acropora palmata	0.2
13889	169	148-2007	2007-12-31	Acropora palmata	0.5
12475	169	159C	2005-12-31	Stephanocoenia intersepta	0.5
142247	169	162C	2005-12-31	Stephanocoenia intersepta	0.5
9219	169	172C	2005-12-31	Siderastrea siderea	0.5
10120	169	172C	2005-12-31	Stephanocoenia intersepta	0.5
212567	169	172C	2005-12-31	Agaricia agaricites	0.5
953	169	180C	2005-12-31	Orbicella faveolata	0.5
2098	169	180C	2005-12-31	Agaricia agaricites	0.5
23862	169	185C	2005-12-31	Siderastrea radians	0.5
25491	169	185C	2005-12-31	Siderastrea siderea	0.5
27522	169	185C	2005-12-31	Stephanocoenia intersepta	0.5
1877	169	190C	2005-12-31	Acropora cervicornis	0.5
369087	169	213C	2005-12-31	Siderastrea siderea	0.5
435510	169	213C	2005-12-31	Montastraea cavernosa	0.5
435575	169	213C	2005-12-31	Stephanocoenia intersepta	0.5
104	169	215-2006	2006-12-31	Acropora cervicornis	0.5
9213	169	217-2007	2007-12-31	Acropora palmata	0.6
9214	169	217-2007	2007-12-31	Acropora palmata	0.8
142195	169	217-2007	2007-12-31	Acropora palmata	0.1
147835	169	217-2007	2007-12-31	Acropora palmata	0.2

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
186964	169	217-2007	2007-12-31	Acropora palmata	0.5
186965	169	217-2007	2007-12-31	Acropora palmata	0.3
3287	169	224C	2005-12-31	Montastraea cavernosa	0.5
216882	169	224C	2005-12-31	Stephanocoenia intersepta	0.5
256304	169	227C	2005-12-31	Siderastrea siderea	0.5
277178	169	227C	2005-12-31	Stephanocoenia intersepta	0.5
361494	169	227C	2005-12-31	Montastraea cavernosa	0.5
70568	169	231C	2002-12-31	Colpophyllia natans	0.0
48	169	240-2006	2006-12-31	Acropora palmata	0.5
247	169	240-2006	2006-12-31	Acropora palmata	0.3
260	169	240-2006	2006-12-31	Acropora palmata	0.1
261	169	240-2006	2006-12-31	Acropora palmata	0.2
296	169	240-2006	2006-12-31	Acropora palmata	0.8
265	169	241-2006	2006-12-31	Acropora palmata	0.7
311	169	241-2006	2006-12-31	Acropora palmata	0.2
59361	169	260C	2005-12-31	Mycetophyllia danaana	0.5
263337	169	260C	2005-12-31	Porites astreoides	0.5
377441	169	260C	2005-12-31	Stephanocoenia intersepta	0.5
388636	169	260C	2005-12-31	Siderastrea siderea	0.5
15406	169	27-2007	2007-12-31	Acropora palmata	0.3
16423	169	27-2007	2007-12-31	Acropora palmata	0.2
226116	169	272-2011	2011-12-31	Acropora palmata	0.5
137691	169	273-2011	2011-12-31	Acropora palmata	0.5
152439	169	28-2007	2007-12-31	Acropora palmata	0.1
157916	169	28-2007	2007-12-31	Acropora palmata	0.5
213393	169	28-2007	2007-12-31	Acropora palmata	0.2
245351	169	280C	2005-12-31	Colpophyllia natans	0.5
256173	169	280C	2005-12-31	Mycetophyllia danaana	0.5
276342	169	280C	2005-12-31	Mycetophyllia ferox	0.5
391584	169	280C	2005-12-31	Siderastrea siderea	0.5
400488	169	280C	2005-12-31	Stephanocoenia intersepta	0.5
16063	169	29-2006	2006-12-31	Acropora palmata	0.3
16766	169	29-2007	2007-12-31	Acropora palmata	0.5
102489	169	298C	2005-12-31	Orbicella faveolata	0.5
102490	169	298C	2005-12-31	Porites astreoides	0.2
107143	169	298C	2005-12-31	Porites astreoides	0.5
112069	169	298C	2005-12-31	Colpophyllia natans	0.5
114322	169	298C	2005-12-31	Agaricia agaricites	0.2
159297	169	298C	2005-12-31	Siderastrea siderea	0.5
488802	169	30-2007	2007-12-31	Acropora palmata	0.5
213455	169	31-2007	2007-12-31	Acropora palmata	0.5
9710	169	34C	2009-12-31	Agaricia agaricites	0.0
101122	169	35C	2005-12-31	Porites astreoides	0.5
128989	169	35C	2005-12-31	Siderastrea siderea	0.5
14	169	39-2006	2006-12-31	Acropora palmata	0.6
61	169	39-2006	2006-12-31	Acropora palmata	0.5
156	169	39-2006	2006-12-31	Acropora palmata	0.2
18061	169	39-2007	2007-12-31	Acropora cervicornis	0.2
32510	169	42C	2009-12-31	Agaricia agaricites	0.0
67	169	43-2006	2006-12-31	Acropora palmata	0.3
10773	169	506C	2005-12-31	Siderastrea siderea	0.3
182408	169	506C	2005-12-31	Stephanocoenia intersepta	0.2

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
218757	169	506C	2005-12-31	Stephanocoenia intersepta	0.5
249067	169	506C	2005-12-31	Stephanocoenia intersepta	0.4
11514	169	525C	2005-12-31	Colpophyllia natans	0.3
12360	169	525C	2005-12-31	Siderastrea siderea	0.3
12508	169	525C	2005-12-31	Stephanocoenia intersepta	0.5
12509	169	525C	2005-12-31	Siderastrea radians	0.3
212975	169	525C	2005-12-31	Siderastrea siderea	0.5
166226	169	555C	2005-12-31	Agaricia agaricites	0.5
110080	169	56C	2005-12-31	Stephanocoenia intersepta	0.5
123194	169	56C	2005-12-31	Siderastrea siderea	0.5
5454	169	58-2007	2007-12-31	Acropora palmata	0.1
7476	169	60C	2005-12-31	Agaricia lamarcki	0.5
7565	169	60C	2005-12-31	Stephanocoenia intersepta	0.5
8473	169	60C	2005-12-31	Madracis senaria	0.5
9800	169	60C	2005-12-31	Siderastrea siderea	0.5
5455	169	61-2007	2007-12-31	Acropora cervicornis	0.5
105244	169	61C	2005-12-31	Montastraea cavernosa	0.5
105382	169	61C	2005-12-31	Agaricia agaricites	0.5
131506	169	61C	2005-12-31	Colpophyllia natans	0.5
232736	169	61C	2005-12-31	Stephanocoenia intersepta	0.5
232738	169	61C	2005-12-31	Siderastrea siderea	0.5
58620	169	692C	2005-12-31	Agaricia agaricites	0.8
60219	169	697C	2005-12-31	Agaricia agaricites	0.5
82099	169	704C	2002-12-31	Millepora alcicornis	0.5
70929	169	728C	2002-12-31	Agaricia humilis	0.5
71131	169	728C	2002-12-31	Millepora alcicornis	0.5
83313	169	743C	2005-12-31	Porites astreoides	0.5
17186	169	75-2006	2006-12-31	Acropora palmata	0.3
113231	169	77C	2005-12-31	Porites astreoides	0.5
15205	169	78-2006	2006-12-31	Acropora palmata	0.3
17037	169	78-2006	2006-12-31	Acropora palmata	0.4
18365	169	78-2006	2006-12-31	Acropora palmata	0.2
213509	169	78-2006	2006-12-31	Acropora palmata	0.7
7	169	79-2006	2006-12-31	Acropora palmata	0.1
27	169	79-2006	2006-12-31	Acropora palmata	0.2
40	169	79-2006	2006-12-31	Acropora palmata	0.4
72	169	79-2006	2006-12-31	Acropora palmata	0.9
97	169	79-2006	2006-12-31	Acropora palmata	0.3
163	169	79-2006	2006-12-31	Acropora palmata	0.5
179	169	79-2006	2006-12-31	Acropora palmata	0.8
254	169	79-2006	2006-12-31	Acropora palmata	0.6
287	169	79-2006	2006-12-31	Acropora palmata	0.7
71836	169	796C	2002-12-31	Siderastrea siderea	0.0
88013	169	796C	2002-12-31	Agaricia agaricites	0.0
88795	169	796C	2002-12-31	Stephanocoenia intersepta	0.0
224215	169	796C	2002-12-31	Madracis senaria	0.0
90477	169	815C	2005-12-31	Agaricia agaricites	0.0
84300	169	824C	2002-12-31	Agaricia humilis	0.0
84376	169	824C	2002-12-31	Siderastrea radians	0.0
86308	169	824C	2002-12-31	Agaricia agaricites	0.5
89422	169	824C	2002-12-31	Agaricia agaricites	0.0
95171	169	824C	2002-12-31	Siderastrea siderea	0.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
224252	169	824C	2002-12-31	Stephanocoenia intersepta	0.0
224282	169	824C	2002-12-31	Porites astreoides	0.0
107294	169	82C	2005-12-31	Stephanocoenia intersepta	0.5
382	169	83-2006	2006-12-31	Acropora cervicornis	0.6
16864	169	84-2007	2007-12-31	Acropora palmata	0.5
222326	169	862C	2005-12-31	Orbicella faveolata	0.5
95726	169	864C	2002-12-31	Mycetophyllia lamarckiana	0.5
95661	169	872C	2005-12-31	Porites astreoides	0.5
96493	169	887C	2005-12-31	Meandrina meandrites	0.5
121822	169	887C	2005-12-31	Siderastrea siderea	0.5
131268	169	887C	2005-12-31	Stephanocoenia intersepta	0.5
77358	169	888C	2002-12-31	Siderastrea siderea	0.5
90266	169	890C	2002-12-31	Siderastrea siderea	0.5
14471	169	9-2007	2007-12-31	Acropora cervicornis	0.0
100820	169	96C	2005-12-31	Porites astreoides	0.5
118411	169	96C	2005-12-31	Agaricia agaricites	0.5
134117	169	96C	2005-12-31	Siderastrea siderea	0.5
373	169	99-2006	2006-12-31	Acropora palmata	0.3
277071	169	A108-2012	2012-12-31	Acropora cervicornis	0.5
348753	169	A425-2012	2012-12-31	Acropora palmata	0.5
6037808	3022	1328-881039-3022B	2014-08-08	Stephanocoenia intersepta	0.0
6269351	3022	2127-1224420-3022B	2014-07-21	Mycetophyllia aliciae	0.5
6299533	3022	2127-1224420-3022B	2014-07-21	Siderastrea siderea	0.5
6394265	3022	2144-1467441-3022B	2014-07-20	Stephanocoenia intersepta	0.5
6260223	3022	2146-1498127-3022B	2014-07-20	Orbicella franksi	0.5
6326729	3022	2146-1498127-3022B	2014-07-20	Siderastrea siderea	0.5
6300357	3022	2175-1438738-3022B	2014-07-20	Siderastrea siderea	0.5
6393686	3022	2195-1281175-3022B	2014-07-21	Montastraea cavernosa	0.5
6303266	3022	2232-1508696-3022B	2014-06-08	Stephanocoenia intersepta	0.0
6327146	3022	2232-1508696-3022B	2014-06-08	Siderastrea siderea	0.0
6260177	3022	2248-1628075-3022B	2014-06-02	Agaricia lamarcki	0.0
6266986	3022	2253-1336385-3022B	2014-07-21	Montastraea cavernosa	0.5
6328226	3022	2253-1336385-3022B	2014-07-21	Siderastrea siderea	0.5
6328575	3022	2253-1336385-3022B	2014-07-21	Stephanocoenia intersepta	0.5
6272655	3022	2312-1433911-3022B	2014-07-20	Siderastrea siderea	0.5
6324794	3022	2312-1433911-3022B	2014-07-20	Stephanocoenia intersepta	0.5
6321729	3022	2335-1464745-3022B	2014-07-22	Agaricia fragilis	0.3
6322075	3022	2335-1464745-3022B	2014-07-22	Siderastrea radians	0.5
6324884	3022	2335-1464745-3022B	2014-07-22	Agaricia lamarcki	0.3
6326030	3022	2335-1464745-3022B	2014-07-22	Orbicella franksi	0.5
6326053	3022	2335-1464745-3022B	2014-07-22	Siderastrea radians	0.6
6326054	3022	2335-1464745-3022B	2014-07-22	Siderastrea radians	0.3
6393965	3022	2335-1464745-3022B	2014-07-22	Orbicella franksi	0.3
6293020	3022	2337-1408892-3022B	2014-07-22	Siderastrea radians	0.5
6301390	3022	2337-1408892-3022B	2014-07-22	Siderastrea siderea	0.5
6324795	3022	2337-1408892-3022B	2014-07-22	Stephanocoenia intersepta	0.5
6297634	3022	2386-1539067-3022B	2014-07-25	Montastraea cavernosa	0.5
6301688	3022	2386-1539067-3022B	2014-07-25	Siderastrea siderea	0.5
6314132	3022	2386-1539067-3022B	2014-07-25	Agaricia agaricites	0.5
6300392	3022	2408-1514527-3022B	2014-07-22	Porites astreoides	0.5
6291543	3022	2423-1599179-3022B	2014-07-25	Agaricia lamarcki	0.5
6326037	3022	2423-1599179-3022B	2014-07-25	Orbicella franksi	0.5



RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6394188	3022	2423-1599179-3022B	2014-07-25	Mycetophyllia ferox	0.5
6274511	3022	2669-1356987-3022B	2014-07-21	Stephanocoenia intersepta	0.5
6299359	3022	2669-1356987-3022B	2014-07-21	Montastraea cavernosa	0.5
6324750	3022	2669-1356987-3022B	2014-07-21	Porites astreoides	0.5
6895880	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
1933217	136	AR1	2019-08-08	Acropora palmata	1.00
1326841	136	CF2	2011-09-15	Acropora palmata	1.00
1541632	136	CF2	2011-09-15	Acropora palmata	1.50
1575655	136	CF4	2011-09-15	Acropora palmata	1.00
1457396	136	CF4	2015-02-24	Acropora palmata	1.00
1290979	136	EL1	2014-10-02	Acropora palmata	1.00
1290988	136	EL1	2016-09-15	Acropora palmata	1.00
1937514	136	EL1	2018-10-12	Acropora palmata	1.00
1561621	136	EL1	2023-09-19	Acropora palmata	1.00
1573391	136	EL2	2013-10-21	Acropora palmata	1.00
1802519	136	EL2	2017-01-20	Acropora palmata	1.00
1982884	136	EL2	2017-06-15	Acropora palmata	1.00
1571894	136	EL2	2018-06-04	Acropora palmata	1.00
1679598	136	EL2	2018-10-12	Acropora palmata	1.00
1679656	136	EL2	2019-06-12	Acropora palmata	1.00
1679673	136	EL2	2019-10-10	Acropora palmata	1.00
1939324	136	EL3	2011-05-11	Acropora palmata	1.00
1939527	136	EL3	2011-09-28	Acropora palmata	1.00
1331813	136	EL3	2014-10-06	Acropora palmata	1.00
1802804	136	EL4	2019-06-11	Acropora palmata	1.00
1982979	136	EL4	2019-10-10	Acropora palmata	1.00
1937619	136	FR1	2017-10-18	Acropora palmata	1.00
1652721	136	FR1	2022-11-15	Acropora palmata	1.00
1313618	136	FR2	2014-09-30	Acropora palmata	1.00
1710627	136	FR2	2015-02-12	Acropora palmata	1.00
1306652	136	FR2	2015-09-25	Acropora palmata	1.00
1802410	136	FR2	2016-09-13	Acropora palmata	1.00
1571899	136	FR2	2018-05-31	Acropora palmata	1.00
1722069	136	FR3	2015-02-12	Acropora palmata	1.00
1925223	136	FR5	2024-08-15	Acropora palmata	1.00
1812578	136	GR3	2017-06-28	Acropora palmata	1.00
1490126	136	HS3	2017-07-12	Acropora palmata	1.00
1926731	136	KL3	2010-05-26	Acropora palmata	1.00
1334987	136	KL3	2011-09-14	Acropora palmata	0.50
1607100	136	KL3	2012-09-18	Acropora palmata	1.00
1419813	136	KL3	2013-02-07	Acropora palmata	1.00
1571081	136	KL3	2015-09-22	Acropora palmata	1.00
1480747	136	LE1	2023-07-31	Acropora palmata	1.00
1245470	136	LE1	2024-07-10	Acropora palmata	1.00
1313064	136	ML1	2008-05-20	Acropora palmata	1.00
1573545	136	ML1	2011-02-09	Acropora palmata	1.00
1580395	136	ML2	2006-05-24	Acropora palmata	1.00
1927219	136	ML2	2008-05-20	Acropora palmata	1.00
1632651	136	ML2	2016-03-02	Acropora palmata	1.00
1571283	136	ML2	2016-06-17	Acropora palmata	1.00
1571329	136	ML2	2017-01-25	Acropora palmata	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1571916	136	ML2	2018-10-12	Acropora palmata	1.00
1633619	136	ML3	2018-05-29	Acropora palmata	1.00
1489497	136	NN1	2018-09-11	Acropora palmata	1.00
1595672	136	SI1	2013-06-03	Acropora palmata	1.00
1942317	136	SI1	2013-09-19	Acropora palmata	1.00
1610063	136	SI1	2014-01-29	Acropora palmata	1.00
1759379	136	SI1	2015-02-23	Acropora palmata	1.00
1821470	136	SI1	2017-09-29	Acropora palmata	1.00
1633620	136	SI1	2018-06-01	Acropora palmata	1.00
1492966	136	SI1	2019-10-09	Acropora palmata	1.00
1571961	136	SI1	2023-09-01	Acropora palmata	1.00
1323063	136	SI2	2010-05-24	Acropora palmata	1.00
1323280	136	SI2	2010-10-01	Acropora palmata	1.00
1256704	136	SI2	2011-05-19	Acropora palmata	1.00
1584223	136	SI2	2011-09-16	Acropora palmata	1.00
1584732	136	SI2	2012-01-18	Acropora palmata	1.00
1927432	136	SI2	2012-09-20	Acropora palmata	1.00
1420656	136	SI2	2013-09-19	Acropora palmata	1.00
1314559	136	SI2	2014-10-03	Acropora palmata	1.00
1251329	136	SI2	2015-10-09	Acropora palmata	1.00
1492989	136	SI2	2016-09-14	Acropora palmata	1.00
1633622	136	SI2	2018-06-01	Acropora palmata	1.00
1780067	136	SI3	2015-02-23	Acropora palmata	1.00
1678894	136	SI3	2015-10-09	Acropora palmata	1.00
1573152	136	TR1	2010-05-18	Acropora palmata	1.00
1326836	136	TR1	2011-07-19	Acropora palmata	1.00
1588969	136	TR1	2015-07-22	Acropora palmata	1.00
1480384	136	TR2	2017-12-08	Acropora palmata	1.00
1480390	136	TR2	2018-07-13	Acropora palmata	1.00
1306863	136	TR3	2017-08-30	Acropora palmata	1.00
1306910	136	WA1	2019-10-22	Acropora palmata	1.00
6636569	981	A1120	2005-09-12	Agaricia agaricites	1.00
6962199	981	A4005	2005-08-22	Porites divaricata	1.00
6424465	981	AA1272	2024-10-02	Porites porites	1.00
6394911	981	AA1283	2024-10-15	Porites astreoides	1.00
6957526	981	AA2097	2024-10-25	Acropora cervicornis	1.00
6911704	981	AA3003	2024-08-07	Porites furcata	1.00
6384795	981	AA3025	2024-08-25	Porites sp.	1.00
6809661	981	AA3060	2024-09-18	Porites astreoides	1.00
6665157	981	MQ20	2019-08-22	Siderastrea siderea	1.00
6506873	981	S2096	2018-09-14	Siderastrea siderea	1.00
6783998	981	T1236	2019-08-27	Porites porites	1.00
6540899	981	V1326	2021-09-08	Stephanocoenia intersepta	1.00
6542705	981	V1326	2021-09-08	Siderastrea siderea	1.00
6752716	981	V1335	2021-09-23	Stephanocoenia intersepta	1.00
6883859	981	V3008	2021-09-09	Porites astreoides	1.00
6645469	981	V3024	2021-09-16	Orbicella faveolata	1.00
6193227	981	W1307	2022-08-31	Porites astreoides	1.00
6437377	981	W1340	2022-08-19	Agaricia agaricites	1.00
6438118	981	W3019	2022-09-23	Siderastrea siderea	1.00
6565847	981	Y1208	2023-09-22	Porites astreoides	1.00
6144187	3022	1008-1138030-3022B	2018-08-13	Favia fragum	1.00

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6144414	3022	1008-1138030-3022B	2018-08-13	Siderastrea radians	1.00
6051290	3022	1033-2008583-3022B	2015-08-16	Porites astreoides	1.00
6055276	3022	1052-2003948-3022B	2015-08-16	Porites porites	1.00
6064656	3022	1063-2293416-3022B	2022-07-13	Colpophyllia natans	1.00
6144411	3022	1085-1964514-3022B	2018-09-25	Porites spp.	1.50
6141108	3022	1089-1960897-3022B	2018-09-25	Porites porites	1.50
6146665	3022	1095-1975207-3022B	2018-09-27	Porites porites	1.50
6145807	3022	1101-1976998-3022B	2018-09-27	Agaricia agaricites	1.50
6060701	3022	1138-1906339-3022B	2014-07-01	Agaricia spp.	1.00
6059979	3022	1142-1943617-3022B	2014-09-19	Porites porites	1.00
6319430	3022	1142-1943617-3022B	2014-09-19	Siderastrea siderea	1.00
6066162	3022	1146-1898987-3022B	2014-06-30	Agaricia spp.	1.00
6141049	3022	1168-2003709-3022B	2018-10-24	Porites astreoides	1.00
6068118	3022	1172-1884276-3022B	2014-06-25	Agaricia agaricites	1.00
6319566	3022	1198-1820412-3022B	2018-08-08	Pseudodiploria strigosa	1.00
6074176	3022	1198-1893423-3022B	2014-06-29	Agaricia spp.	1.00
6067510	3022	1199-1895085-3022B	2014-06-29	Agaricia spp.	1.00
6204479	3022	1259-1444730-3022B	2016-08-12	Siderastrea siderea	1.00
6140854	3022	1288-1850237-3022B	2018-08-07	Montastraea cavernosa	1.00
6202151	3022	1312-1797085-3022B	2016-12-14	Acropora cervicornis	1.00
6052037	3022	1331-912483-3022B	2014-08-08	Porites astreoides	1.00
6194021	3022	1335-1358764-3022B	2016-08-11	Porites porites	1.00
6146917	3022	1375-965172-3022B	2018-08-13	Siderastrea radians	1.00
6059357	3022	1391-895691-3022B	2014-08-11	Porites furcata	1.00
6057638	3022	1446-871567-3022B	2014-08-09	Porites astreoides	1.00
6222582	3022	1453-852496-3022B	2014-08-04	Agaricia spp.	0.00
6064213	3022	1473-3603970-3022B	2022-08-05	Agaricia agaricites	1.00
6149256	3022	1669-1969230-3022B	2018-09-25	Porites porites	1.00
6007819	3022	2050-821367-3022B	2016-05-20	Agaricia agaricites	1.00
6012584	3022	2061-599835-3022B	2021-08-23	Stephanocoenia intersepta	1.00
6287508	3022	2152-602695-3022B	2021-08-23	Agaricia agaricites	1.00
6138234	3022	2159-1621483-3022B	2018-07-15	Porites porites	1.00
6179245	3022	2175-1438738-3022B	2014-07-20	Porites porites	1.50
6232939	3022	2205-1385188-3022B	2016-05-16	Acropora cervicornis	1.00
6367297	3022	2207-1424177-3022B	2016-05-17	Porites porites	1.00
6039226	3022	2227-633796-3022B	2022-09-09	Porites porites	1.00
6299034	3022	2597-1604607-3022B	2016-05-18	Acropora cervicornis	1.00
6197976	3022	2669-1356987-3022B	2014-07-21	Stephanocoenia intersepta	0.35
6055470	3022	3095-1480105-3022B	2020-09-15	Porites porites	1.00
6110625	3022	3157-723185-3022B	2022-08-11	Siderastrea radians	1.00
6192958	3022	3280-71981-3022B	2016-09-03	Siderastrea siderea	1.00
6175726	3022	3582-364828-3022B	2014-10-01	Porites astreoides	1.00
7014835	4019	IRMA_056	2017-10-09	Acropora cervicornis	1.00
6936107	4019	IRMA_089	2017-10-17	Acropora cervicornis	1.00
6937769	5040	Grouper Reef-2	2018-01-24	Montastraea cavernosa	1.50
6991279	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: **38**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6585434	4019	IRMA_004	2017-10-12	Siderastrea siderea	45
6973954	4019	IRMA_016	2017-10-12	Siderastrea siderea	41
6881687	4019	IRMA_031	2017-10-16	Siderastrea siderea	97
7020670	4019	IRMA_031	2017-10-16	Stephanocoenia intersepta	47
6986664	4019	IRMA_032	2017-10-15	Siderastrea siderea	86
6986666	4019	IRMA_035	2017-10-17	Montastraea cavernosa	45
6986680	4019	IRMA_035	2017-10-17	Siderastrea siderea	109
7015090	4019	IRMA_035	2017-10-17	Stephanocoenia intersepta	51
6986681	4019	IRMA_036	2017-10-17	Stephanocoenia intersepta	53
7015093	4019	IRMA_036	2017-10-17	Siderastrea siderea	43
6881691	4019	IRMA_038	2017-10-14	Siderastrea siderea	72
7020676	4019	IRMA_043	2017-10-12	Siderastrea siderea	76
6585450	4019	IRMA_045	2017-10-16	Siderastrea siderea	39
6940831	4019	IRMA_046	2017-10-15	Siderastrea siderea	54
6881708	4019	IRMA_051	2017-10-16	Stephanocoenia intersepta	69
7020685	4019	IRMA_051	2017-10-16	Siderastrea siderea	69
7015107	4019	IRMA_052	2017-10-17	Siderastrea siderea	100
7020688	4019	IRMA_052	2017-10-17	Stephanocoenia intersepta	53
6881709	4019	IRMA_053	2017-10-14	Siderastrea siderea	41
6585463	4019	IRMA_064	2017-10-15	Siderastrea siderea	56
7020691	4019	IRMA_067	2017-10-14	Siderastrea siderea	55
6940847	4019	IRMA_069	2017-10-16	Siderastrea siderea	42
6940848	4019	IRMA_070	2017-10-16	Stephanocoenia intersepta	61
7020698	4019	IRMA_070	2017-10-16	Siderastrea siderea	71
6940865	4019	IRMA_073	2017-10-14	Siderastrea siderea	70
6936459	4019	IRMA_074	2017-10-14	Porites astreoides	48
6986742	4019	IRMA_074	2017-10-14	Siderastrea siderea	51
7020704	4019	IRMA_075	2017-10-16	Siderastrea siderea	39
6940872	4019	IRMA_081	2017-10-18	Porites astreoides	40
6973998	4019	IRMA_086	2017-10-15	Siderastrea siderea	54
6973999	4019	IRMA_087	2017-10-17	Porites astreoides	150
6974001	4019	IRMA_091	2017-10-10	Agaricia agaricites	55
6974003	4019	IRMA_095	2017-10-12	Siderastrea siderea	63
6936479	4019	IRMA_097	2017-10-15	Siderastrea siderea	50
7020722	4019	IRMA_099	2017-10-17	Siderastrea siderea	96
6881739	4019	IRMA_102	2017-10-09	Porites astreoides	50
7020727	4019	IRMA_104	2017-10-16	Siderastrea siderea	41
6585494	4019	IRMA_105	2017-10-16	Stephanocoenia intersepta	42
6881743	4019	IRMA_105	2017-10-16	Siderastrea siderea	57
6936490	4019	IRMA_109	2017-10-16	Siderastrea siderea	145
6986770	4019	IRMA_109	2017-10-16	Stephanocoenia intersepta	61
6936494	4019	IRMA_115	2017-10-13	Siderastrea siderea	55

Programs containing flagged data:

4019 - Post-Hurricane Irma Rapid Assessment



**Count**Table 7: Flagged Values - High Indicator Quantile: **801**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6403266	3024	100	2006-07-15	Unidentified fish	1000
6441809	3024	196	2014-02-15	Sphyraena picudilla	1000
6440106	3024	229	2014-02-15	Sphyraena picudilla	1000
6304429	3024	40	2004-07-28	Unidentified fish	2000
6318532	3024	40	2004-08-18	Unidentified fish	1000
6415378	3024	40	2004-08-18	Unidentified fish	2000
6216258	3024	59	2000-08-11	Clupeidae	1000
6491650	3024	65	1997-08-16	Eucinostomus melanopterus	2000
6492719	3024	89	2004-05-27	Unidentified fish	1000
6297529	3024	91	2004-08-05	Unidentified fish	2000
6322605	3024	91	2004-08-05	Unidentified fish	3000
6380403	3024	98	2004-07-08	Unidentified fish	1000

**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: **801**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6607817	3024	10	2011-04-23	Haemulon aurolineatum	2000
6419020	3024	100	2001-07-21	Haemulidae	2000
6486987	3024	105	1997-11-15	Haemulon melanurum	2000
6455827	3024	115	2006-06-20	Haemulon aurolineatum	6000
6419309	3024	125	2000-05-20	Haemulidae	2000
6378165	3024	125	2001-04-07	Haemulidae	2000
6607573	3024	133	2008-06-14	Haemulon aurolineatum	3000
6313085	3024	136	2008-07-26	Haemulon aurolineatum	5000
6452139	3024	184	2009-06-18	Haemulidae	2000
6388373	3024	194	2012-08-04	Decapterus macarellus	4000
6391414	3024	200	2011-09-17	Haemulon aurolineatum	2000
6368828	3024	229	2014-06-07	Selar crumenophthalmus	2000
6332073	3024	23	1997-09-20	Haemulon aurolineatum	2000
6436609	3024	23	1997-09-20	Haemulon aurolineatum	1500
6518632	3024	23	1997-09-20	Brachygenys chrysargyreum	1500
6450667	3024	23	2000-06-03	Haemulon aurolineatum	1200
6297450	3024	27	2007-01-20	Haemulon aurolineatum	5000
6391393	3024	46	2006-11-18	Haemulon aurolineatum	4000
6441370	3024	46	2006-11-18	Haemulon aurolineatum	1015
6362678	3024	55	2002-07-17	Haemulon aurolineatum	1015
6297493	3024	56	2008-05-31	Haemulon aurolineatum	1500
6435955	3024	56	2008-05-31	Haemulon aurolineatum	2000
6238301	3024	6	2001-07-17	Haemulon aurolineatum	2000
6522238	3024	6	2001-07-17	Decapterus punctatus	2000
6415599	3024	65	1998-02-14	Haemulon aurolineatum	1100
6386178	3024	65	1999-09-11	Haemulidae	2000
6382452	3024	65	2001-12-16	Anisotremus virginicus	2000
6607813	3024	65	2001-12-16	Haemulon aurolineatum	1500
6376946	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
205075	169	100-2006	2006-12-31	Acropora palmata	250
120526	169	125C	2009-12-31	Orbicella faveolata	245
26396	169	217-2007	2007-12-31	Acropora palmata	270
43029	169	241C	1999-12-31	Orbicella faveolata	294
51256	169	241C	1999-12-31	Orbicella faveolata	385
217862	169	241C	1999-12-31	Orbicella faveolata	250
43067	169	242C	1999-12-31	Orbicella faveolata	255
46719	169	242C	1999-12-31	Orbicella faveolata	300
1409047	169	244C	2009-12-31	Orbicella faveolata	305
1411049	169	244C	2009-12-31	Orbicella faveolata	510
40009	169	245C	1999-12-31	Orbicella faveolata	265
40010	169	245C	1999-12-31	Orbicella faveolata	334
185569	169	246C	2005-12-31	Acropora palmata	390
55876	169	272-2011	2011-12-31	Acropora palmata	268
238556	169	28-2007	2007-12-31	Acropora palmata	283
40991	169	29C	1999-12-31	Orbicella faveolata	250
506626	169	338C	2009-12-31	Orbicella annularis	360
524922	169	338C	2009-12-31	Orbicella annularis	280
1445251	169	338C	2009-12-31	Orbicella annularis	350
9717	169	364C	1999-12-31	Orbicella faveolata	265
76978	169	364C	1999-12-31	Siderastrea siderea	315
196839	169	39-2006	2006-12-31	Acropora palmata	280
53015	169	41C	2000-12-31	Orbicella faveolata	260
222557	169	45C	2002-12-31	Orbicella franksi	250
186151	169	471C	2005-12-31	Orbicella faveolata	295
203958	169	471C	2005-12-31	Orbicella annularis	270
85778	169	473C	2009-12-31	Orbicella faveolata	285
49481	169	496C	2000-12-31	Orbicella franksi	255
219913	169	500C	1999-12-31	Orbicella faveolata	280
2242	169	607C	2009-12-31	Orbicella annularis	400
3308	169	607C	2009-12-31	Orbicella annularis	360
3419	169	607C	2009-12-31	Orbicella annularis	250
277954	169	622C	2005-12-31	Montastraea cavernosa	245
277955	169	622C	2005-12-31	Orbicella faveolata	285
430824	169	622C	2005-12-31	Orbicella faveolata	280
430865	169	639C	2005-12-31	Orbicella faveolata	370
431018	169	639C	2005-12-31	Orbicella faveolata	250
435374	169	639C	2005-12-31	Orbicella faveolata	325
506167	169	639C	2005-12-31	Orbicella faveolata	380
506398	169	639C	2005-12-31	Orbicella faveolata	340
12990	169	648C	2009-12-31	Dendrogyra cylindrus	260
256310	169	674C	1999-12-31	Orbicella faveolata	355
270004	169	674C	1999-12-31	Orbicella faveolata	270

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
361500	169	674C	1999-12-31	Orbicella faveolata	410
399773	169	700C	1999-12-31	Orbicella faveolata	300
269927	169	701C	1999-12-31	Orbicella faveolata	270
3572	169	754C	1999-12-31	Orbicella faveolata	310
495265	169	815C	2005-12-31	Acropora palmata	315
548765	169	815C	2005-12-31	Acropora palmata	320
219914	169	A425-2012	2012-12-31	Acropora palmata	278
6220381	3022	1063-2293416-3022B	2022-07-13	Orbicella faveolata	370
6346558	3022	1130-1940938-3022B	2014-09-19	Orbicella faveolata	245
6199038	3022	1133-1856327-3022B	2014-07-24	Colpophyllia natans	245
6195987	3022	1148-1901802-3022B	2014-06-30	Orbicella faveolata	285
6201072	3022	1148-1901802-3022B	2014-06-30	Orbicella faveolata	280
6017026	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	500
6030511	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	270
6290782	3022	1297-1809650-3022B	2014-10-17	Orbicella faveolata	290
6173699	3022	1299-1795185-3022B	2014-10-18	Colpophyllia natans	250
6290784	3022	1325-1030082-3022B	2014-08-06	Orbicella faveolata	385
6291983	3022	1326-1171995-3022B	2014-08-24	Orbicella faveolata	245
6274223	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	300
6304589	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	340
6031687	3022	1350-1214471-3022B	2016-07-13	Orbicella annularis	380
6215281	3022	1381-2055312-3022B	2022-07-15	Orbicella faveolata	260
6032967	3022	1412-1112984-3022B	2016-07-14	Orbicella faveolata	260
6365916	3022	1421-1337948-3022B	2015-06-23	Orbicella annularis	350
6199609	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	260
6199616	3022	1639-1509874-3022B	2014-11-09	Orbicella faveolata	290
6056106	3022	2160-1618180-3022B	2016-05-12	Orbicella franksi	300
6333248	3022	2239-1552551-3022B	2018-08-24	Orbicella annularis	315
6038601	3022	2313-510699-3022B	2022-09-09	Orbicella faveolata	430
6222408	3022	2329-265062-3022B	2021-09-17	Orbicella faveolata	307
6355981	3022	2332-1345237-3022B	2018-08-21	Orbicella faveolata	350
6335140	3022	2777-1500208-3022B	2018-08-28	Orbicella faveolata	250
6071011	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
1371123	136	SI2	2017-09-29	Acropora palmata	159
1537913	136	SI2	2022-11-14	Acropora palmata	170
1295352	136	SI2	2023-09-01	Acropora palmata	170
1323799	136	TR1	2015-07-22	Acropora palmata	177
1465508	136	TR1	2015-07-22	Acropora palmata	201
391016	169	116C	2001-12-31	Orbicella faveolata	187
221058	169	238C	2000-12-31	Orbicella faveolata	200
235851	169	239C	2009-12-31	Orbicella faveolata	190
56627	169	241C	1999-12-31	Orbicella faveolata	205
218357	169	241C	1999-12-31	Orbicella faveolata	245
50725	169	242C	1999-12-31	Orbicella faveolata	175
56776	169	242C	1999-12-31	Orbicella faveolata	177
157159	169	244C	2009-12-31	Orbicella faveolata	240
157160	169	244C	2009-12-31	Orbicella annularis	160
158071	169	244C	2009-12-31	Orbicella faveolata	160
43117	169	245C	1999-12-31	Orbicella faveolata	170
54346	169	245C	1999-12-31	Orbicella faveolata	182
136733	169	273-2011	2011-12-31	Acropora palmata	319
177386	169	276-2011	2011-12-31	Acropora palmata	245
221124	169	292C	2000-12-31	Orbicella faveolata	158
51975	169	29C	1999-12-31	Orbicella faveolata	200
1862470	169	338C	2009-12-31	Orbicella annularis	165
66778	169	347C	1999-12-31	Orbicella faveolata	210
222120	169	347C	1999-12-31	Orbicella faveolata	205
181	169	39-2006	2006-12-31	Acropora palmata	190
60408	169	405C	2000-12-31	Orbicella faveolata	230
87888	169	45C	2002-12-31	Orbicella franksi	160
2585	169	471C	2005-12-31	Orbicella faveolata	160
69431	169	505C	2000-12-31	Orbicella franksi	170
232353	169	517C	2006-12-31	Colpophyllia natans	185
169664	169	576C	2001-12-31	Orbicella faveolata	180
142003	169	577C	2001-12-31	Colpophyllia natans	175
13687	169	580C	2005-12-31	Orbicella faveolata	160
20414	169	59C	2005-12-31	Orbicella faveolata	180
29113	169	622C	2005-12-31	Orbicella faveolata	240
29233	169	622C	2005-12-31	Orbicella faveolata	225
30805	169	622C	2005-12-31	Orbicella faveolata	165
33291	169	622C	2005-12-31	Orbicella faveolata	200
34039	169	622C	2005-12-31	Orbicella faveolata	170
37156	169	622C	2005-12-31	Orbicella faveolata	280
37404	169	622C	2005-12-31	Orbicella faveolata	160
33971	169	639C	2005-12-31	Orbicella faveolata	170
34324	169	639C	2005-12-31	Orbicella faveolata	180
37911	169	639C	2005-12-31	Orbicella faveolata	200
38313	169	639C	2005-12-31	Orbicella faveolata	160
5760	169	674C	1999-12-31	Orbicella faveolata	168
7997	169	674C	1999-12-31	Orbicella faveolata	200
7998	169	674C	1999-12-31	Orbicella faveolata	157

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
35051	169	6C	1999-12-31	Orbicella faveolata	305
383106	169	700C	1999-12-31	Orbicella faveolata	165
240443	169	701C	1999-12-31	Orbicella faveolata	160
76218	169	714C	2005-12-31	Orbicella faveolata	200
209441	169	74C	2001-12-31	Dendrogyra cylindrus	185
254237	169	754C	1999-12-31	Orbicella faveolata	200
97671	169	891C	2002-12-31	Millepora alcicornis	200
6157054	981	AA1246	2024-09-10	Montastraea cavernosa	175
6151995	981	AA1265	2024-10-25	Orbicella faveolata	215
6416392	981	AA1389	2024-09-11	Orbicella faveolata	240
6429187	981	AA1389	2024-09-11	Orbicella faveolata	235
6610255	981	AA1389	2024-09-11	Orbicella faveolata	200
6073064	981	AA1390	2024-09-11	Orbicella faveolata	350
6144096	981	AA1390	2024-09-11	Siderastrea siderea	200
6578594	981	AA1424	2024-09-11	Orbicella faveolata	180
6318151	981	AA1448	2024-09-11	Orbicella faveolata	200
6348368	981	AA1454	2024-09-11	Orbicella faveolata	163
6133256	981	AA1455	2024-09-11	Orbicella annularis	160
6136300	981	AA1455	2024-09-11	Orbicella annularis	185
6982327	981	AA1466	2024-08-21	Orbicella faveolata	300
7011598	981	AA1466	2024-08-21	Orbicella faveolata	200
6147268	981	AA3052	2024-09-16	Orbicella faveolata	200
6632967	981	AA3052	2024-09-16	Montastraea cavernosa	160
6918701	981	C1094	2006-09-18	Orbicella faveolata	185
6990871	981	C4110	2006-09-13	Orbicella faveolata	200
6851393	981	E1160	2008-08-06	Siderastrea siderea	200
6999577	981	F1007	2009-09-09	Orbicella faveolata	205
6994319	981	F1077	2009-08-04	Orbicella annularis	160
6939617	981	F1080	2009-08-04	Orbicella faveolata	170
6927482	981	I1343	2010-08-20	Montastraea cavernosa	160
6928111	981	I1347	2010-08-20	Orbicella faveolata	200
6229514	981	I1355	2010-08-13	Orbicella faveolata	300
6864107	981	I1377	2010-08-12	Orbicella annularis	180
6954206	981	I1377	2010-08-12	Orbicella annularis	210
6966448	981	I1377	2010-08-12	Orbicella annularis	160
6966450	981	I1377	2010-08-12	Orbicella annularis	190
6954156	981	I1410	2010-08-03	Orbicella annularis	220
6864566	981	I1435	2010-08-17	Montastraea cavernosa	178
7009129	981	J2840	2011-09-16	Orbicella faveolata	168
6588284	981	K1044	2012-10-09	Colpophyllia natans	188
6896502	981	K1133	2012-09-18	Orbicella faveolata	160
6306332	981	K1211	2012-10-15	Siderastrea radians	156
6358636	981	K2256	2012-09-24	Orbicella faveolata	165
6335909	981	L1036	2013-10-16	Orbicella faveolata	160
6371427	981	L1036	2013-10-16	Orbicella faveolata	180
6325341	981	L2109	2013-10-07	Orbicella faveolata	200
6432539	981	L2159	2013-10-08	Montastraea cavernosa	170
6589689	981	L2159	2013-10-08	Colpophyllia natans	170
6477246	981	M1109	2014-10-06	Orbicella faveolata	160
6487797	981	M1231	2014-09-21	Orbicella faveolata	200
6438547	981	M1235	2014-09-09	Orbicella faveolata	400
6477153	981	M2434	2014-09-19	Montastraea cavernosa	276

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6596895	981	MQ2	2019-08-21	Orbicella faveolata	176
6445436	981	O1257	2015-09-10	Orbicella faveolata	180
6897059	981	O1313	2015-09-23	Orbicella faveolata	200
6897060	981	O1313	2015-09-23	Orbicella faveolata	180
6578056	981	O3086	2015-09-23	Orbicella faveolata	180
6969564	981	O3086	2015-09-23	Orbicella faveolata	200
7016351	981	O3086	2015-09-23	Orbicella faveolata	160
6529265	981	O3137	2015-10-14	Orbicella faveolata	160
6579541	981	Q1193	2016-09-12	Orbicella annularis	400
6982388	981	Q1193	2016-09-12	Orbicella annularis	300
7017253	981	Q1193	2016-09-12	Orbicella annularis	200
6605006	981	Q1217	2016-09-06	Orbicella annularis	225
6560338	981	R3004	2017-08-17	Orbicella faveolata	170
6500559	981	R3005	2017-08-17	Montastraea cavernosa	170
6906678	981	S1158	2018-10-11	Siderastrea siderea	500
6691989	981	S1253	2018-08-27	Montastraea cavernosa	300
6509290	981	S3010	2018-09-20	Orbicella faveolata	185
6752152	981	S3010	2018-09-20	Orbicella faveolata	170
6804837	981	S3010	2018-09-20	Orbicella faveolata	230
6680120	981	T2249	2019-08-16	Orbicella faveolata	225
6712696	981	T2249	2019-08-16	Orbicella faveolata	190
6680112	981	T3003	2019-08-28	Orbicella faveolata	200
6541305	981	T3037	2019-10-22	Orbicella faveolata	165
6870037	981	U1219-2	2020-09-20	Orbicella faveolata	160
6574374	981	U1279	2020-10-12	Colpophyllia natans	300
6826040	981	U1399	2020-10-30	Montastraea cavernosa	210
6545810	981	U1568	2020-10-12	Orbicella faveolata	190
6892063	981	U1568	2020-10-12	Orbicella faveolata	252
6649759	981	U1653	2020-10-11	Orbicella faveolata	193
6840779	981	U2494	2020-09-18	Orbicella annularis	165
6541748	981	U3050	2020-09-18	Orbicella faveolata	170
6892456	981	UMQ20-16	2020-08-30	Montastraea cavernosa	200
6546992	981	V1244	2021-09-23	Orbicella annularis	160
6767691	981	V1330	2021-09-08	Siderastrea siderea	165
6848047	981	V1548	2021-09-17	Orbicella faveolata	199
6831506	981	V1555	2021-09-17	Orbicella faveolata	193
6549872	981	V3069	2021-10-15	Montastraea cavernosa	175
6803010	981	W1186	2022-10-14	Orbicella faveolata	165
6789309	981	W1246	2022-10-17	Orbicella annularis	190
6834201	981	W1246	2022-10-17	Orbicella annularis	255
6989644	981	W1246	2022-10-17	Orbicella annularis	195
6556341	981	W1250	2022-09-14	Orbicella annularis	170
6865297	981	W1250	2022-09-14	Siderastrea siderea	180
6886856	981	W1250	2022-09-14	Orbicella annularis	180
6318751	981	W1251	2022-09-14	Colpophyllia natans	175
6989279	981	W1251	2022-09-14	Orbicella faveolata	210
6926373	981	W1372	2022-10-25	Orbicella faveolata	158
6870927	981	W3020	2022-09-22	Orbicella faveolata	160
6969858	981	Y1192	2023-09-14	Orbicella faveolata	195
6467713	981	Y1243	2023-09-01	Orbicella faveolata	180
6970192	981	Y1250	2023-09-14	Orbicella annularis	165
6981669	981	Y1272	2023-09-14	Orbicella faveolata	225

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6470801	981	Y1291	2023-09-19	Montastraea cavernosa	300
6513403	981	Y1291	2023-09-19	Siderastrea siderea	200
6414267	981	Y1294	2023-09-19	Orbicella faveolata	220
6445365	981	Y1294	2023-09-19	Orbicella faveolata	275
6897318	981	Y1294	2023-09-19	Orbicella faveolata	190
6467711	981	Y1298	2023-10-06	Orbicella faveolata	200
6636021	981	Y1300	2023-10-21	Orbicella faveolata	180
6471323	981	Y1305	2023-10-11	Siderastrea siderea	200
6528145	981	Y1341	2023-09-29	Orbicella annularis	200
6532303	981	Y1347	2023-09-29	Orbicella faveolata	300
6588167	981	Y1349	2023-09-06	Orbicella annularis	160
6578411	981	Y1384	2023-09-19	Orbicella annularis	170
6578434	981	Y1384	2023-09-19	Orbicella faveolata	250
6932257	981	Y1384	2023-09-19	Orbicella faveolata	170
6897106	981	Y1406	2023-09-19	Montastraea cavernosa	163
6866279	981	Y1434	2023-09-16	Orbicella faveolata	170
6970204	981	Y1469	2023-09-11	Orbicella faveolata	200
6491579	981	Y3005	2023-07-17	Orbicella annularis	160
6231848	981	Y3007	2023-07-31	Orbicella faveolata	190
6651424	981	Y3038	2023-09-10	Orbicella faveolata	170
6632276	981	YMQ23-19	2023-10-06	Orbicella faveolata	191
6287448	3022	1129-1938807-3022B	2014-09-15	Orbicella faveolata	190
6367235	3022	1150-1836013-3022B	2014-09-07	Orbicella faveolata	185
6300342	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	200
6228277	3022	1231-1792899-3022B	2014-10-18	Orbicella faveolata	200
6255690	3022	1231-1792899-3022B	2014-10-18	Orbicella faveolata	180
6228278	3022	1297-1809650-3022B	2014-10-17	Orbicella faveolata	195
6367245	3022	1297-1809650-3022B	2014-10-17	Orbicella faveolata	190
6262312	3022	1325-1030082-3022B	2014-08-06	Orbicella faveolata	190
6231856	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	210
6231880	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	180
6231881	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	165
6291059	3022	1333-1687187-3022B	2018-08-15	Orbicella faveolata	170
6271401	3022	1334-1006382-3022B	2014-08-12	Orbicella faveolata	190
6300354	3022	1412-1112984-3022B	2016-07-14	Orbicella faveolata	175
6225937	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	190
6366885	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	175
6220031	3022	1433-1009004-3022B	2014-08-14	Acropora cervicornis	325
6271464	3022	1443-920017-3022B	2014-08-12	Orbicella faveolata	250
6231062	3022	1639-1509874-3022B	2014-11-09	Orbicella faveolata	180
6307956	3022	2160-1618180-3022B	2016-05-12	Orbicella franksi	200
6311585	3022	2250-1351132-3022B	2016-05-16	Orbicella faveolata	230
6098872	3022	2260-1382491-3022B	2018-08-27	Montastraea cavernosa	300
6349339	3022	2311-375135-3022B	2021-09-17	Orbicella faveolata	199
6334317	3022	2329-265062-3022B	2021-09-17	Orbicella faveolata	193
6279987	3022	2334-1483795-3022B	2016-06-04	Orbicella faveolata	180
6337352	3022	2598-1345270-3022B	2016-05-19	Orbicella faveolata	190
6640946	3022	9001-2472501-3022B	2022-11-01	Orbicella annularis	180
6386391	3022	9088-2166134-3022B	2022-08-19	Orbicella faveolata	170
6686303	3022	9091-2169455-3022B	2022-08-18	Orbicella faveolata	160
6586588	3022	9215-3452882-3022B	2022-10-31	Orbicella faveolata	210
6525907	3022	9228-3837275-3022B	2022-08-23	Orbicella faveolata	190



RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6586584	3022	9228-3837275-3022B	2022-08-23	Orbicella faveolata	170
6874513	4019	IRMA_069	2017-10-16	Orbicella faveolata	200
6934925	4019	IRMA_069	2017-10-16	Orbicella faveolata	220
7019934	4019	IRMA_075	2017-10-16	Orbicella faveolata	170
6907044	4019	IRMA_099	2017-10-17	Orbicella faveolata	180
6918117	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: **358.52**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1290514	136	CF3	2004-04-05	Acropora palmata	380
1353527	136	CF3	2004-07-22	Acropora palmata	385
1295825	136	CF3	2004-10-21	Acropora palmata	390
1934660	136	CF3	2005-02-03	Acropora palmata	390
1290664	136	CF3	2005-05-23	Acropora palmata	395
1547429	136	CF3	2009-12-10	Acropora palmata	362
1381827	136	CF3	2010-05-26	Acropora palmata	368
1301943	136	CF3	2010-10-29	Acropora palmata	367
1359699	136	CF3	2011-02-08	Acropora palmata	370
1548101	136	CF3	2011-05-12	Acropora palmata	365
1360038	136	CF3	2011-09-15	Acropora palmata	368
1384256	136	CF3	2012-01-12	Acropora palmata	364
1268600	136	FR1	2004-09-30	Acropora palmata	600
1324712	136	FR1	2005-08-01	Acropora palmata	600
1477997	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: **218.903**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1386630	136	CF3	2004-04-05	Acropora palmata	280
1565266	136	CF3	2004-07-22	Acropora palmata	285
1302206	136	CF3	2004-10-21	Acropora palmata	285
1555698	136	CF3	2005-02-03	Acropora palmata	285
1565693	136	CF3	2005-05-23	Acropora palmata	300
1584419	136	EL1	2012-02-08	Acropora palmata	221
1598475	136	EL1	2012-05-15	Acropora palmata	225
1560554	136	EL1	2012-09-24	Acropora palmata	225
1607271	136	EL1	2013-02-05	Acropora palmata	230
1349293	136	EL1	2013-06-03	Acropora palmata	230
1420461	136	EL1	2013-10-21	Acropora palmata	230
1398172	136	EL1	2014-02-06	Acropora palmata	233
1942373	136	EL1	2014-05-29	Acropora palmata	235
1598623	136	EL1	2014-10-02	Acropora palmata	235
1414606	136	EL1	2015-02-09	Acropora palmata	230
1588800	136	EL1	2015-06-05	Acropora palmata	235
1567974	136	EL1	2015-09-29	Acropora palmata	235
1632477	136	EL1	2016-03-01	Acropora palmata	237
1632655	136	EL1	2016-06-27	Acropora palmata	240
1802850	136	EL1	2023-09-19	Acropora palmata	220
1937582	136	FR1	2004-09-30	Acropora palmata	250
1573621	136	FR1	2005-08-01	Acropora palmata	250
1598124	136	FR1	2012-01-19	Acropora palmata	220
1304966	136	FR1	2012-05-09	Acropora palmata	228
1574516	136	ML3	2010-10-15	Acropora palmata	222
1379515	136	ML3	2011-02-09	Acropora palmata	222
1577138	136	ML3	2011-05-09	Acropora palmata	220
1584041	136	ML3	2011-09-13	Acropora palmata	223
1335205	136	ML3	2012-01-19	Acropora palmata	225
1560522	136	ML3	2012-05-10	Acropora palmata	220
1802531	136	ML3	2017-01-26	Acropora palmata	221
1679532	136	ML3	2017-06-27	Acropora palmata	220
1821017	136	SI2	2016-06-23	Acropora palmata	220
1679594	136	SI2	2018-06-01	Acropora palmata	228
1652507	136	SI2	2018-09-25	Acropora palmata	238
1652523	136	SI2	2019-06-05	Acropora palmata	220
1633685	136	SI2	2019-10-09	Acropora palmata	224
6919597	981	AA1389	2024-09-11	Orbicella faveolata	220
6784362	981	AA1390	2024-09-11	Orbicella faveolata	270
6562769	981	AA1391	2024-09-11	Orbicella annularis	350
6908464	981	AA1391	2024-09-11	Orbicella annularis	300
6939883	981	AA1424	2024-09-11	Orbicella faveolata	290
6992939	981	AA1455	2024-09-11	Orbicella annularis	280
6924299	981	AA1466	2024-08-21	Orbicella faveolata	300
6920781	981	AA1668	2024-09-14	Orbicella franksi	225
6306414	981	AA3043	2024-09-17	Orbicella faveolata	240
6391197	981	AA3119	2024-11-15	Orbicella faveolata	250
6525175	981	C1069.1	2006-09-20	Orbicella faveolata	220

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6754654	981	D4030	2007-09-29	Orbicella faveolata	287
6762542	981	D4065	2007-09-19	Orbicella annularis	250
6508883	981	E1059	2008-09-23	Siderastrea siderea	285
6661116	981	E1098	2008-09-15	Siderastrea siderea	250
6894261	981	E4023	2008-08-12	Colpophyllia natans	300
6755418	981	F1001	2009-08-21	Orbicella annularis	250
6773562	981	F1001	2009-08-21	Orbicella annularis	270
6774984	981	F1048	2009-09-15	Orbicella franksi	250
6678875	981	F1080	2009-08-04	Orbicella faveolata	250
6814387	981	F1080	2009-08-04	Orbicella faveolata	300
6356473	981	F4012	2009-09-16	Colpophyllia natans	235
6739362	981	I1304	2010-08-18	Orbicella faveolata	220
6739343	981	I1347	2010-08-20	Orbicella faveolata	290
6577380	981	I1355	2010-08-13	Orbicella faveolata	280
6637323	981	I1355	2010-08-13	Colpophyllia natans	280
7010088	981	I1355	2010-08-13	Orbicella faveolata	300
6818259	981	I1356	2010-08-16	Colpophyllia natans	220
6768537	981	I1376	2010-08-12	Pseudodiploria strigosa	240
6734256	981	I1377	2010-08-12	Orbicella annularis	270
6758747	981	I1377	2010-08-12	Orbicella annularis	300
6758432	981	I1379	2010-08-03	Siderastrea siderea	220
6763427	981	I1410	2010-08-03	Orbicella annularis	270
6670067	981	J2640	2011-08-24	Colpophyllia natans	300
6431355	981	J2824	2011-09-07	Colpophyllia natans	250
6515438	981	J2824	2011-09-07	Colpophyllia natans	220
6534879	981	J2824	2011-09-07	Orbicella annularis	230
6612897	981	J2840	2011-09-16	Orbicella faveolata	280
6489874	981	K1011	2012-09-13	Orbicella franksi	280
6485776	981	K1013	2012-09-12	Colpophyllia natans	250
6426159	981	K1028	2012-09-11	Orbicella faveolata	380
6787040	981	K1162	2012-09-07	Orbicella annularis	250
6480424	981	L2109	2013-10-07	Orbicella faveolata	250
6563804	981	L2148	2013-09-12	Pseudodiploria clivosa	250
6448780	981	L2159	2013-10-08	Colpophyllia natans	240
6487232	981	M1231	2014-09-21	Orbicella faveolata	375
6487229	981	M1235	2014-09-09	Orbicella faveolata	320
6563766	981	M2424	2014-09-21	Montastraea cavernosa	250
6614125	981	M2434	2014-09-19	Montastraea cavernosa	315
6713137	981	MQ21	2019-08-23	Orbicella faveolata	285
6776714	981	O1250	2015-08-18	Montastraea cavernosa	225
6803635	981	O1250	2015-08-18	Montastraea cavernosa	300
6437558	981	O1301	2015-09-23	Colpophyllia natans	220
6889636	981	O2176	2015-09-03	Siderastrea siderea	222
6735367	981	O2211	2015-09-22	Montastraea cavernosa	270
6954201	981	O3085	2015-09-22	Orbicella annularis	250
6954602	981	O3085	2015-09-22	Orbicella annularis	300
6874606	981	O3086	2015-09-23	Orbicella annularis	240
6882181	981	O3086	2015-09-23	Orbicella faveolata	270
6952028	981	O3086	2015-09-23	Orbicella faveolata	320
6829841	981	Q1193	2016-09-12	Orbicella annularis	400
6984278	981	Q1193	2016-09-12	Orbicella annularis	325
6844338	981	Q1217	2016-09-06	Orbicella annularis	450

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6659619	981	Q2232	2016-09-21	Orbicella franksi	220
6520755	981	Q3022	2016-10-03	Diploria labyrinthiformis	230
6580900	981	Q3027	2016-09-06	Montastraea cavernosa	250
6775954	981	R2227	2017-10-23	Orbicella faveolata	224
6593614	981	R3004	2017-08-17	Orbicella faveolata	400
6698210	981	R3004	2017-08-17	Orbicella faveolata	220
6718821	981	S1141	2018-09-26	Orbicella faveolata	220
6599401	981	S1158	2018-10-11	Siderastrea siderea	300
6743008	981	S1158	2018-10-11	Siderastrea siderea	400
6718262	981	S1182	2018-10-25	Orbicella faveolata	230
6597913	981	S1232	2018-08-21	Orbicella faveolata	350
6665096	981	S3003	2018-08-24	Orbicella annularis	315
6580766	981	S3008	2018-09-17	Orbicella faveolata	310
6683272	981	S3009	2018-08-28	Orbicella faveolata	250
6597875	981	S3010	2018-09-20	Orbicella faveolata	270
6664702	981	S3010	2018-09-20	Orbicella faveolata	300
6769915	981	S3010	2018-09-20	Colpophyllia natans	230
6683745	981	T1127	2019-08-26	Orbicella faveolata	250
6621478	981	T1146	2019-08-15	Orbicella annularis	335
6891180	981	T1244	2019-09-25	Colpophyllia natans	230
6719290	981	T2249	2019-08-16	Orbicella faveolata	315
6719292	981	T2249	2019-08-16	Orbicella faveolata	221
6586695	981	T3003	2019-08-28	Orbicella annularis	300
6719193	981	T3003	2019-08-28	Orbicella faveolata	350
6724374	981	T3003	2019-08-28	Orbicella annularis	220
6644393	981	T3007	2019-09-09	Porites porites	225
6678517	981	U1568	2020-10-12	Orbicella faveolata	313
6678520	981	U1568	2020-10-12	Orbicella faveolata	262
6540839	981	U1653	2020-10-11	Orbicella faveolata	224
6822938	981	U2266	2020-09-10	Siderastrea siderea	230
6674149	981	U2494	2020-09-18	Orbicella annularis	250
6748296	981	U3006	2020-08-19	Montastraea cavernosa	350
6736637	981	V1230	2021-09-03	Orbicella faveolata	275
6830779	981	V1293	2021-09-02	Orbicella faveolata	236
6886425	981	V1534	2021-09-17	Orbicella faveolata	225
6821315	981	V1547	2021-09-16	Orbicella faveolata	220
6944655	981	V1555	2021-09-17	Orbicella faveolata	307
6843351	981	V1558	2021-09-20	Orbicella faveolata	260
6844334	981	V2549	2021-09-16	Orbicella faveolata	220
6944729	981	V3031	2021-09-21	Orbicella annularis	270
6235908	981	W1211	2022-08-18	Orbicella faveolata	320
6893840	981	W1211	2022-08-18	Orbicella faveolata	625
6439912	981	W1246	2022-10-17	Orbicella annularis	263
6596790	981	W1246	2022-10-17	Orbicella annularis	250
6637131	981	W1246	2022-10-17	Orbicella annularis	335
6712399	981	W1246	2022-10-17	Orbicella annularis	275
6437313	981	W1250	2022-09-14	Orbicella faveolata	260
6528782	981	W1250	2022-09-14	Siderastrea siderea	300
6603034	981	W1250	2022-09-14	Orbicella annularis	220
6421903	981	W1251	2022-09-14	Orbicella annularis	227
6513586	981	W1251	2022-09-14	Orbicella faveolata	450
6998778	981	W1251	2022-09-14	Colpophyllia natans	240

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6509533	981	W1309	2022-09-20	Orbicella faveolata	219
6761825	981	W1309	2022-09-20	Orbicella annularis	307
6653686	981	W1321	2022-09-16	Orbicella faveolata	243
6437902	981	W1356	2022-10-25	Montastraea cavernosa	250
6529110	981	W1393	2022-10-06	Orbicella faveolata	225
6187488	981	W1445	2022-09-16	Orbicella faveolata	280
6750382	981	WMQ22-19	2022-10-07	Orbicella faveolata	250
6858673	981	Y1192	2023-09-14	Orbicella faveolata	415
6947208	981	Y1250	2023-09-14	Orbicella annularis	220
6854300	981	Y1272	2023-09-14	Orbicella faveolata	299
6547995	981	Y1291	2023-09-19	Siderastrea siderea	350
6880189	981	Y1294	2023-09-19	Orbicella faveolata	475
6929254	981	Y1294	2023-09-19	Orbicella faveolata	400
6797972	981	Y1300	2023-10-21	Orbicella faveolata	370
6553206	981	Y1341	2023-09-29	Orbicella annularis	335
6723167	981	Y1341	2023-09-29	Orbicella annularis	500
6858203	981	Y1341	2023-09-29	Orbicella annularis	280
6494841	981	Y1346	2023-09-29	Colpophyllia natans	220
6726056	981	Y1347	2023-09-29	Orbicella faveolata	250
6868824	981	Y1349	2023-09-06	Orbicella faveolata	225
6879965	981	Y1349	2023-09-06	Orbicella annularis	350
6565822	981	Y1354	2023-08-25	Orbicella faveolata	250
6780449	981	Y1354	2023-08-25	Orbicella faveolata	271
6842733	981	Y1354	2023-08-25	Orbicella faveolata	275
6918339	981	Y1354	2023-08-25	Orbicella faveolata	240
6995741	981	Y1354	2023-08-25	Orbicella faveolata	340
6698111	981	Y1355	2023-09-06	Orbicella faveolata	240
6698112	981	Y1355	2023-09-06	Orbicella faveolata	230
6928827	981	Y1355	2023-09-06	Orbicella faveolata	255
6789149	981	Y1358	2023-09-06	Orbicella annularis	255
6849396	981	Y1359	2023-08-25	Orbicella annularis	247
6992903	981	Y1359	2023-08-25	Orbicella faveolata	230
6552454	981	Y1384	2023-09-19	Orbicella faveolata	220
6716959	981	Y1384	2023-09-19	Orbicella faveolata	225
6572341	981	Y3005	2023-07-17	Orbicella annularis	350
6990063	981	Y3005	2023-07-17	Orbicella annularis	230
6812183	981	Y3007	2023-07-31	Orbicella faveolata	245
6698510	981	Y3038	2023-09-10	Orbicella faveolata	250
6947109	981	YMQ23-19	2023-10-06	Orbicella faveolata	225
6950602	981	YMQ23-58	2023-10-06	Orbicella annularis	230
6048060	3022	1063-2293416-3022B	2022-07-13	Orbicella faveolata	320
6040632	3022	1148-1901802-3022B	2014-06-30	Orbicella faveolata	260
6199353	3022	1201-1917232-3022B	2016-12-07	Orbicella faveolata	450
6061601	3022	1325-1030082-3022B	2014-08-06	Orbicella faveolata	277
6058216	3022	1326-1171995-3022B	2014-08-24	Orbicella faveolata	220
6048760	3022	1327-1248516-3022B	2015-05-08	Orbicella faveolata	240
6073247	3022	1381-2055312-3022B	2022-07-15	Orbicella faveolata	230
6189137	3022	1412-1112984-3022B	2016-07-14	Orbicella faveolata	240
6069732	3022	1421-1337948-3022B	2015-06-23	Orbicella annularis	300
6056348	3022	1429-1138019-3022B	2014-08-14	Orbicella faveolata	235
6221661	3022	1639-1509874-3022B	2014-11-09	Orbicella faveolata	270
6284572	3022	2160-1618180-3022B	2016-05-12	Orbicella franksi	250

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6250211	3022	2313-510699-3022B	2022-09-09	Orbicella faveolata	290
7014775	4019	IRMA_025	2017-10-18	Orbicella faveolata	220
7020331	4019	IRMA_025	2017-10-18	Orbicella annularis	600
6881130	4019	IRMA_032	2017-10-15	Orbicella faveolata	240
6973733	4019	IRMA_069	2017-10-16	Orbicella faveolata	350
6986424	4019	IRMA_069	2017-10-16	Orbicella faveolata	375
7020446	4019	IRMA_069	2017-10-16	Orbicella annularis	225
6973621	4019	IRMA_099	2017-10-17	Orbicella faveolata	300
7014923	4019	IRMA_104	2017-10-16	Orbicella faveolata	220
6940780	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: **34**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1756178	295	212	2009-07-14	Octocorallia	42
1719904	295	251	2009-08-11	Scleractinia	35
1738142	295	251	2010-06-22	Scleractinia	36
1738143	295	251	2011-05-17	Scleractinia	38
1510156	295	251	2012-07-16	Scleractinia	36
1738146	295	251	2013-07-12	Scleractinia	37
1719909	295	251	2014-08-12	Scleractinia	36
1959959	295	252	2009-08-11	Scleractinia	44
1738169	295	252	2010-06-22	Scleractinia	44
1539358	295	252	2011-05-17	Scleractinia	47
1708806	295	252	2012-07-16	Scleractinia	44
1539360	295	252	2013-07-12	Scleractinia	46
1959964	295	252	2014-08-12	Scleractinia	44
1473810	295	252	2015-08-05	Scleractinia	41
1473811	295	252	2016-09-18	Scleractinia	42
1708825	295	254	2014-08-12	Scleractinia	44
1738212	295	254	2016-09-18	Scleractinia	36
1708828	295	254	2018-06-25	Scleractinia	35
1720000	295	261	2011-07-14	Octocorallia	37
1709974	295	301	1996-07-24	Octocorallia	39
1960201	295	301	1997-06-12	Octocorallia	41
1740313	295	301	2002-07-26	Octocorallia	36
1960209	295	301	2003-08-15	Octocorallia	35
1474571	295	301	2004-06-13	Octocorallia	36
1960213	295	301	2005-06-17	Octocorallia	35
1427121	295	301	2006-06-20	Octocorallia	35
1511594	295	301	2009-07-08	Octocorallia	42
1709999	295	301	2013-06-24	Octocorallia	40
1721166	295	301	2014-07-14	Octocorallia	39
1740350	295	301	2017-07-16	Octocorallia	35
1474590	295	301	2019-06-19	Octocorallia	40
1710004	295	301	2021-06-10	Octocorallia	36
1740360	295	302	1996-07-24	Octocorallia	35
1540383	295	302	1997-06-12	Octocorallia	35
1960240	295	302	2002-07-26	Octocorallia	38
1721180	295	302	2004-06-13	Octocorallia	35
1511689	295	302	2005-06-17	Octocorallia	38
1960246	295	302	2008-06-23	Octocorallia	36
1540404	295	302	2009-07-08	Octocorallia	38
1511691	295	302	2010-07-12	Octocorallia	35
1474612	295	302	2012-08-20	Octocorallia	42
1474613	295	302	2013-06-24	Octocorallia	36
1474615	295	302	2014-07-14	Octocorallia	40
1960400	295	302	2017-07-16	Octocorallia	36
1512297	295	302	2019-06-19	Octocorallia	39
1710768	295	302	2021-06-10	Octocorallia	41
1960405	295	303	1996-07-25	Octocorallia	35
1475443	295	303	1999-07-20	Octocorallia	41
1741521	295	303	2011-06-15	Octocorallia	37



RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1741523	295	303	2012-08-20	Octocorallia	44
1722219	295	303	2013-06-24	Octocorallia	39
1741526	295	303	2014-07-14	Octocorallia	48
1428103	295	303	2015-07-10	Octocorallia	36
1960417	295	303	2016-07-16	Octocorallia	39
1512310	295	303	2020-06-12	Octocorallia	36
1722225	295	303	2021-06-10	Octocorallia	37
1475514	295	304	1996-07-25	Octocorallia	38
1428269	295	304	1997-06-12	Octocorallia	38
1722233	295	304	1999-07-20	Octocorallia	38
1710842	295	304	2011-06-15	Octocorallia	42
1741585	295	304	2012-08-20	Octocorallia	42
1475535	295	304	2013-06-24	Octocorallia	44
1475536	295	304	2014-07-14	Octocorallia	53
1960433	295	304	2015-07-10	Octocorallia	40
1428277	295	304	2016-07-16	Octocorallia	45
1741593	295	304	2017-07-16	Octocorallia	42
1512319	295	304	2018-07-14	Octocorallia	38
1741594	295	304	2019-06-19	Octocorallia	44
1512321	295	304	2020-06-12	Octocorallia	43
1960439	295	304	2021-06-10	Octocorallia	37
1741612	295	304	2022-07-18	Octocorallia	41
1710994	295	304	2023-07-14	Octocorallia	35
1342174	295	331	1996-07-23	Orbicella annularis	38
1541822	295	331	1996-07-23	Scleractinia	40
1475953	295	331	1997-07-08	Scleractinia	43
1589653	295	331	1997-07-08	Orbicella annularis	41
1949742	295	331	1998-07-07	Orbicella annularis	41
1960568	295	331	1998-07-07	Scleractinia	42
1541830	295	331	2009-07-11	Scleractinia	36
1777216	295	331	2009-07-11	Orbicella annularis	35
1476052	295	331	2017-07-20	Octocorallia	38
1541844	295	331	2020-06-11	Octocorallia	39
1741852	295	331	2023-07-18	Octocorallia	37
1499429	295	332	1996-07-23	Orbicella annularis	47
1960589	295	332	1996-07-23	Scleractinia	49
1476060	295	332	1997-07-08	Scleractinia	40
1589434	295	332	1997-07-08	Orbicella annularis	38
1645159	295	332	1998-07-07	Orbicella annularis	38
1711352	295	332	1998-07-07	Scleractinia	41
1428508	295	332	2002-07-17	Scleractinia	35
1375343	295	332	2003-05-02	Orbicella annularis	35
1960594	295	332	2003-05-02	Scleractinia	36
1541856	295	332	2007-07-14	Scleractinia	38
1815965	295	332	2007-07-14	Orbicella annularis	37
1428513	295	332	2008-06-21	Scleractinia	37
1547344	295	332	2009-07-11	Orbicella annularis	39
1960598	295	332	2009-07-11	Scleractinia	42
1513487	295	332	2019-06-19	Octocorallia	37
1741905	295	332	2020-06-11	Octocorallia	37
1711578	295	332	2021-06-13	Octocorallia	36
1722926	295	332	2022-09-14	Octocorallia	43

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1478332	295	334	1996-07-23	Octocorallia	44
1430304	295	334	1997-07-08	Octocorallia	37
1961005	295	334	1998-07-07	Octocorallia	51
1714862	295	334	1999-07-23	Octocorallia	48
1961179	295	334	2001-08-04	Octocorallia	50
1961181	295	334	2002-07-17	Octocorallia	47
1545563	295	334	2003-05-02	Octocorallia	45
1726052	295	334	2004-06-14	Octocorallia	52
1714868	295	334	2005-06-18	Octocorallia	48
1744785	295	334	2006-06-21	Octocorallia	37
1961185	295	334	2007-07-14	Octocorallia	36
1961188	295	334	2008-06-21	Octocorallia	50
1744786	295	334	2009-07-11	Octocorallia	49
1744808	295	334	2021-06-13	Octocorallia	35
1517866	295	334	2022-09-14	Octocorallia	35
1431097	295	342	2002-06-27	Octocorallia	36
1726507	295	342	2003-05-02	Octocorallia	39
1517952	295	342	2004-06-01	Octocorallia	42
1744904	295	342	2005-05-24	Octocorallia	35
1517954	295	342	2006-05-22	Octocorallia	38
1517956	295	342	2007-09-14	Octocorallia	35
1545956	295	343	2008-05-23	Octocorallia	35
1431409	295	344	1996-08-27	Octocorallia	35
1715446	295	344	2004-06-01	Octocorallia	43
1961293	295	344	2007-09-14	Octocorallia	37
1961295	295	344	2008-05-23	Octocorallia	43
1546170	295	344	2009-06-25	Octocorallia	38
1480071	295	351	1996-08-20	Octocorallia	50
1961312	295	351	1997-05-07	Octocorallia	41
1745022	295	351	1999-05-11	Octocorallia	35
1431503	295	352	1996-08-20	Octocorallia	35
1546279	295	352	2001-05-11	Octocorallia	38
1961330	295	352	2002-06-28	Octocorallia	40
1546281	295	352	2004-06-01	Octocorallia	38
1480111	295	353	1997-05-07	Octocorallia	40
1518714	295	353	2001-05-11	Octocorallia	36
1518715	295	353	2002-06-28	Octocorallia	49
1715666	295	353	2003-05-02	Octocorallia	39
1715668	295	353	2004-06-01	Octocorallia	38
1480118	295	353	2008-05-21	Octocorallia	40
1748927	295	354	1996-08-20	Octocorallia	42
1717829	295	354	1997-05-07	Octocorallia	38
1434760	295	354	2001-05-11	Octocorallia	38
1434761	295	354	2002-06-28	Octocorallia	35
1717835	295	354	2005-05-19	Octocorallia	37
1736468	295	362	1996-09-10	Scleractinia	36
1528400	295	362	1998-05-19	Scleractinia	36
1491173	295	363	2002-08-14	Scleractinia	35
1724865	295	381	2014-08-08	Octocorallia	35
1963092	295	382	2011-07-20	Octocorallia	39
1561721	295	383	2001-07-11	Octocorallia	36
1963108	295	383	2002-08-11	Octocorallia	43

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1963111	295	383	2003-07-15	Octocorallia	37
1724986	295	383	2010-09-09	Octocorallia	35
1754637	295	383	2011-07-20	Octocorallia	36
1754638	295	383	2012-07-18	Octocorallia	37
1737047	295	383	2017-08-20	Octocorallia	38
1529590	295	384	2003-07-15	Octocorallia	35
1440975	295	384	2013-07-16	Octocorallia	36
1530604	295	401	1996-09-11	Scleractinia	36
1317895	295	401	1997-01-01	Orbicella annularis	36
1737695	295	401	1997-01-01	Scleractinia	39
1577515	295	402	1996-09-11	Orbicella annularis	39
1963294	295	402	1996-09-11	Scleractinia	45
1530664	295	402	1997-01-01	Scleractinia	41
1530665	295	402	1998-05-19	Scleractinia	35
1562260	295	403	1996-09-11	Scleractinia	41
1441441	295	403	1997-01-01	Scleractinia	43
1942621	295	403	1997-01-01	Orbicella annularis	38
1725975	295	403	1998-05-19	Scleractinia	42
1674943	295	431	2020-08-12	Acropora prolifera	40
1963529	295	431	2020-08-12	Scleractinia	41
1952626	295	431	2021-10-09	Acropora prolifera	48
1963530	295	431	2021-10-09	Scleractinia	49
1563207	295	431	2022-08-15	Scleractinia	39
1964161	295	452	2018-09-12	Octocorallia	37
1741113	295	452	2021-10-08	Octocorallia	36
1545641	295	454	2017-06-14	Octocorallia	35
1753090	295	504	2016-07-22	Octocorallia	38
1779387	295	504	2018-07-13	Octocorallia	38
1523867	295	504	2020-06-15	Octocorallia	35
1758276	295	504	2021-06-15	Octocorallia	42
1587762	295	504	2022-07-13	Octocorallia	37
1466086	295	504	2023-07-15	Octocorallia	37
1560495	295	511	1996-07-22	Orbicella annularis	35
1561288	295	511	1996-07-22	Scleractinia	38
1462770	295	511	1997-07-09	Orbicella annularis	37
1753121	295	511	1997-07-09	Scleractinia	39
1766133	295	514	2003-08-12	Octocorallia	38
1782761	295	514	2004-06-17	Octocorallia	39
1969842	295	514	2006-06-21	Octocorallia	40
1593851	295	514	2007-07-12	Octocorallia	38
1593880	295	514	2008-06-19	Octocorallia	38
1471287	295	514	2010-07-08	Octocorallia	46
1533024	295	514	2011-06-07	Octocorallia	42
1593882	295	514	2012-08-17	Octocorallia	36
1766141	295	514	2013-06-20	Octocorallia	41
1756903	295	514	2014-07-07	Octocorallia	38
1766144	295	514	2015-07-11	Octocorallia	35
1782831	295	514	2019-06-18	Octocorallia	37
1540857	295	574	1996-09-12	Scleractinia	38
1629496	295	574	1997-05-15	Scleractinia	39
1809163	295	574	1998-05-13	Scleractinia	39
1656343	295	574	2002-08-12	Scleractinia	39

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1541037	295	574	2004-06-03	Scleractinia	35
1449987	295	851	2003-08-18	Octocorallia	36
1575276	295	851	2004-07-20	Octocorallia	35
1735754	295	851	2005-07-28	Octocorallia	35
1542994	295	851	2006-06-21	Octocorallia	39
1542996	295	851	2007-07-18	Octocorallia	47
1575363	295	851	2008-08-05	Octocorallia	44
1543000	295	851	2010-06-30	Octocorallia	45
1543001	295	851	2012-08-09	Octocorallia	36
1965899	295	852	2004-07-20	Octocorallia	40
1543095	295	852	2007-07-18	Octocorallia	37
1575504	295	861	2003-08-19	Octocorallia	36
1575507	295	861	2004-07-22	Octocorallia	37
1767212	295	901	2004-06-11	Scleractinia	39
1964613	295	901	2004-06-11	Acropora cervicornis	37
1737424	295	901	2005-06-08	Scleractinia	37
1964988	295	901	2005-06-08	Acropora cervicornis	37
1432818	295	902	2003-06-19	Acropora cervicornis	36
1576487	295	902	2003-06-19	Scleractinia	37
1451587	295	902	2004-06-11	Scleractinia	45
1730340	295	902	2004-06-11	Acropora cervicornis	45
1502998	295	902	2005-06-08	Acropora cervicornis	40
1966291	295	902	2005-06-08	Scleractinia	40
1537523	295	903	2004-06-11	Acropora cervicornis	38
1751240	295	903	2004-06-11	Scleractinia	38
1509123	295	903	2005-06-30	Scleractinia	40
1964993	295	903	2005-06-30	Acropora cervicornis	39
1576521	295	904	2003-06-19	Scleractinia	35
1537524	295	904	2004-06-11	Acropora cervicornis	36
1737491	295	904	2004-06-11	Scleractinia	37
1570400	295	904	2005-06-30	Acropora cervicornis	42
1751274	295	904	2005-06-30	Scleractinia	43
1435451	899	B18	2003-09-15	Scleractinia	42
1433183	899	D10	2003-09-15	Scleractinia	55
1225337	899	G15	2003-09-15	Scleractinia	40
1454195	899	K12	2003-09-15	Scleractinia	35
1221081	899	P01	2003-09-15	Scleractinia	45
6042243	3022	1004-1081885-3022A	2018-09-11	Other fleshy macroalgae	43
6105467	3022	1006-3528306-3022A	2022-08-02	Other fleshy macroalgae	36
6114938	3022	1008-3840821-3022A	2022-08-04	Other fleshy macroalgae	39
6029799	3022	1014-1816677-3022A	2018-11-08	Other fleshy macroalgae	55
6040123	3022	1018-1954838-3022A	2018-09-26	Other fleshy macroalgae	49
6123146	3022	1052-2003948-3022A	2015-08-16	Other fleshy macroalgae	63
6125436	3022	1052-2003948-3022A	2015-08-16	Other fleshy macroalgae	56
6092288	3022	1129-1938807-3022A	2014-09-15	Orbicella faveolata	35
6018090	3022	1136-1866409-3022A	2014-06-27	Other fleshy macroalgae	40
6018091	3022	1136-1866409-3022A	2014-06-27	Other fleshy macroalgae	38
6022216	3022	1165-1875606-3022A	2014-06-27	Other fleshy macroalgae	38
6020692	3022	1170-1898683-3022A	2014-06-30	Other fleshy macroalgae	52
6044604	3022	1170-1898683-3022A	2014-06-30	Other fleshy macroalgae	44
6036840	3022	1209-1853827-3022A	2014-07-21	Other fleshy macroalgae	61
6045194	3022	1209-1853827-3022A	2014-07-21	Other fleshy macroalgae	60

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6046573	3022	1230-2000266-3022A	2018-10-24	Other fleshy macroalgae	55
6004649	3022	1241-1814308-3022A	2014-06-16	Other fleshy macroalgae	42
6014657	3022	1241-1814308-3022A	2014-06-16	Other fleshy macroalgae	44
6062506	3022	1256-1738555-3022A	2014-09-27	Other fleshy macroalgae	40
6080922	3022	1319-1378546-3022A	2014-11-07	Other fleshy macroalgae	36
6092780	3022	1350-1214471-3022A	2016-07-13	Orbicella annularis	39
6042478	3022	1359-1997368-3022A	2018-10-25	Other fleshy macroalgae	49
6036018	3022	1361-1060253-3022A	2015-06-21	Other fleshy macroalgae	41
6164962	3022	1361-1060253-3022A	2015-06-21	Other fleshy macroalgae	49
6101429	3022	1377-998588-3022A	2016-06-29	Porifera spp.	39
6046582	3022	1398-1985117-3022A	2018-10-25	Other fleshy macroalgae	39
6097661	3022	1406-565456-3022A	2022-09-15	Other fleshy macroalgae	39
6081332	3022	1413-1129851-3022A	2015-05-06	Other fleshy macroalgae	39
6093272	3022	1413-1129851-3022A	2015-05-06	Other fleshy macroalgae	35
6257487	3022	1424-626310-3022A	2022-09-13	Other fleshy macroalgae	40
6097058	3022	1430-481149-3022A	2022-09-16	Other fleshy macroalgae	53
6101404	3022	1434-942351-3022A	2016-06-28	Unidentified species	35
6106458	3022	1444-651969-3022A	2022-09-16	Other fleshy macroalgae	38
6257504	3022	1449-583258-3022A	2022-09-15	Alcyonacea sp.	35
6257525	3022	1453-630223-3022A	2022-09-16	Other fleshy macroalgae	40
6046098	3022	1517-1955566-3022A	2018-09-26	Other fleshy macroalgae	62
6132263	3022	1530-1988531-3022A	2015-08-17	Other fleshy macroalgae	48
6296206	3022	1530-1988531-3022A	2015-08-17	Other fleshy macroalgae	36
6022130	3022	1627-1853466-3022A	2014-07-21	Other fleshy macroalgae	35
6045197	3022	1627-1853466-3022A	2014-07-21	Other fleshy macroalgae	41
6009198	3022	1630-1843372-3022A	2014-06-10	Other fleshy macroalgae	60
6084208	3022	1714-985702-3022A	2014-08-25	Other fleshy macroalgae	38
6081331	3022	1741-1127030-3022A	2015-05-06	Other fleshy macroalgae	52
6227488	3022	1741-1127030-3022A	2015-05-06	Other fleshy macroalgae	45
6031526	3022	1758-939852-3022A	2014-08-13	Other fleshy macroalgae	54
6031735	3022	1758-939852-3022A	2014-08-13	Other fleshy macroalgae	48
6141819	3022	2002-1457610-3022A	2018-08-22	Other fleshy macroalgae	53
6127316	3022	2003-1359710-3022A	2018-08-22	Other fleshy macroalgae	67
6117685	3022	2006-527323-3022A	2021-08-23	Other calcareous macroalgae	39
6127320	3022	2014-1440873-3022A	2018-08-22	Other fleshy macroalgae	35
6128098	3022	2026-1424072-3022A	2018-07-19	Other fleshy macroalgae	43
6140622	3022	2036-1426439-3022A	2018-08-22	Other fleshy macroalgae	39
6140626	3022	2041-1428881-3022A	2018-08-22	Other fleshy macroalgae	39
6127217	3022	2044-1414112-3022A	2018-07-19	Other fleshy macroalgae	41
6295667	3022	2061-599835-3022A	2021-08-23	Other fleshy macroalgae	76
6117781	3022	2064-574314-3022A	2021-08-23	Other fleshy macroalgae	57
6097600	3022	2064-599094-3022A	2022-09-08	Other fleshy macroalgae	53
6135001	3022	2092-578701-3022A	2021-08-23	Other fleshy macroalgae	71
6135386	3022	2129-1522151-3022A	2018-08-22	Other fleshy macroalgae	39
6122904	3022	2171-1599381-3022A	2018-08-20	Other fleshy macroalgae	38
6143134	3022	2218-1565795-3022A	2018-08-24	Other calcareous macroalgae	36
6135517	3022	2279-537016-3022A	2021-08-24	Other fleshy macroalgae	60
6295683	3022	2281-652668-3022A	2021-08-24	Other fleshy macroalgae	52
6057678	3022	2312-672368-3022A	2021-09-15	Dichocoenia stokesii	40
6317538	3022	2331-1526107-3022A	2018-08-24	Other fleshy macroalgae	42
6025086	3022	2341-1376721-3022A	2014-06-04	Other fleshy macroalgae	57
6297072	3022	2342-1464927-3022A	2018-08-21	Other fleshy macroalgae	35

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6104877	3022	2364-470369-3022A	2022-09-16	Other fleshy macroalgae	53
6097644	3022	2372-662374-3022A	2022-09-14	Other fleshy macroalgae	40
6108834	3022	2378-530789-3022A	2022-09-16	Other fleshy macroalgae	60
6119384	3022	2406-454760-3022A	2021-08-23	Other calcareous macroalgae	44
6127824	3022	2408-468523-3022A	2021-08-23	Other fleshy macroalgae	64
6135464	3022	2462-611053-3022A	2021-08-23	Other fleshy macroalgae	77
6129769	3022	2480-612454-3022A	2021-08-23	Other fleshy macroalgae	46
6119400	3022	2487-572754-3022A	2021-08-23	Other fleshy macroalgae	65
6122882	3022	2528-1232857-3022A	2018-07-19	Other fleshy macroalgae	39
6100550	3022	2529-878275-3022A	2014-07-28	Other fleshy macroalgae	41
6135829	3022	2606-1571334-3022A	2018-08-23	Other fleshy macroalgae	57
6094985	3022	2611-1510832-3022A	2016-05-18	Other fleshy macroalgae	59
6027899	3022	2611-1518606-3022A	2014-06-06	Other fleshy macroalgae	36
6295681	3022	2685-657486-3022A	2021-08-24	Other fleshy macroalgae	37
6037289	3022	2791-1577119-3022A	2018-08-28	Other fleshy macroalgae	36
6027145	3022	3001-108076-3022A	2018-11-01	Other fleshy macroalgae	42
6365606	3022	3006-524452-3022A	2022-08-10	Other fleshy macroalgae	62
6256968	3022	3007-469352-3022A	2022-08-11	Other fleshy macroalgae	69
6249517	3022	3008-537568-3022A	2022-08-10	Other fleshy macroalgae	66
6042287	3022	3009-126121-3022A	2018-10-30	Other fleshy macroalgae	35
6249546	3022	3010-458230-3022A	2022-09-16	Other fleshy macroalgae	78
6365610	3022	3012-477231-3022A	2022-08-11	Other fleshy macroalgae	88
6251658	3022	3013-525109-3022A	2022-08-10	Other fleshy macroalgae	94
6216799	3022	3016-653037-3022A	2022-08-12	Other fleshy macroalgae	52
6277876	3022	3019-422144-3022A	2022-08-09	Other fleshy macroalgae	74
6085164	3022	3021-459924-3022A	2016-09-27	Other fleshy macroalgae	36
6256944	3022	3023-519195-3022A	2022-08-09	Other fleshy macroalgae	84
6015688	3022	3025-101517-3022A	2018-11-01	Other fleshy macroalgae	44
6365609	3022	3026-464084-3022A	2022-08-11	Other fleshy macroalgae	88
6251643	3022	3028-516594-3022A	2022-08-10	Other fleshy macroalgae	70
6029813	3022	3067-448450-3022A	2018-09-06	Other fleshy macroalgae	38
6191593	3022	3137-1383686-3022A	2022-06-13	Other fleshy macroalgae	54
6251637	3022	3140-2041616-3022A	2022-08-08	Other fleshy macroalgae	39
6203996	3022	3141-1576520-3022A	2022-06-24	Other fleshy macroalgae	49
6251780	3022	3143-1855940-3022A	2022-08-16	Other fleshy macroalgae	60
6216798	3022	3157-723185-3022A	2022-08-11	Other fleshy macroalgae	49
6042834	3022	3166-157572-3022A	2018-10-29	Other fleshy macroalgae	45
6090794	3022	3203-248103-3022A	2016-10-21	Porifera spp.	43
6096036	3022	3206-287119-3022A	2016-10-21	Encrusting gorgonian	39
6066038	3022	3217-73954-3022A	2016-09-03	Other fleshy macroalgae	43
6082585	3022	3222-83475-3022A	2016-09-04	Other fleshy macroalgae	84
6079589	3022	3224-73961-3022A	2016-09-03	Other fleshy macroalgae	43
6079597	3022	3225-90690-3022A	2016-09-04	Other fleshy macroalgae	37
6225112	3022	3226-91339-3022A	2016-09-04	Other fleshy macroalgae	48
6225124	3022	3230-101493-3022A	2016-09-04	Other fleshy macroalgae	49
6075345	3022	3231-104112-3022A	2016-09-04	Other fleshy macroalgae	59
6078559	3022	3250-163174-3022A	2016-09-14	Other fleshy macroalgae	61
6075257	3022	3261-153330-3022A	2016-09-12	Other fleshy macroalgae	48
6025568	3022	3262-132662-3022A	2018-10-30	Other fleshy macroalgae	39
6040180	3022	3263-446493-3022A	2018-09-06	Encrusting gorgonian	35
6256965	3022	3264-678602-3022A	2022-08-10	Other fleshy macroalgae	35
6256964	3022	3285-532316-3022A	2022-08-10	Other fleshy macroalgae	91

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6096709	3022	3312-537587-3022A	2020-09-28	Other fleshy macroalgae	52
6068537	3022	3623-106099-3022A	2016-09-12	Other fleshy macroalgae	66
6114214	3022	8071-4154300-3022A	2022-08-31	Other fleshy macroalgae	36
6186052	3022	9020-3452885-3022A	2022-09-08	Orbicella annularis	43
6189710	3024	19	2000-09-25	Phragmatopoma caudata	50
6181932	3024	19	2001-06-14	Phragmatopoma caudata	38
6181938	3024	19	2001-06-14	Phragmatopoma caudata	70
6187649	3024	19	2001-06-14	Phragmatopoma caudata	50
6344727	3024	19	2001-06-14	Phragmatopoma caudata	75
6177821	3024	19	2001-07-12	Phragmatopoma caudata	69
6177825	3024	40	2000-08-10	Phragmatopoma caudata	75
6177905	3024	40	2000-08-10	Phragmatopoma caudata	60
6187644	3024	40	2000-08-10	Phragmatopoma caudata	50
6177810	3024	50	2000-06-16	Phragmatopoma caudata	40
6180733	3024	50	2000-06-16	Phragmatopoma caudata	50
6189705	3024	50	2000-06-16	Phragmatopoma caudata	80
6344719	3024	50	2000-06-21	Phragmatopoma caudata	40
6177819	3024	59	2000-08-11	Phragmatopoma caudata	60
6187638	3024	59	2000-08-11	Phragmatopoma caudata	63
6187639	3024	59	2000-08-11	Phragmatopoma caudata	90
6344730	3024	59	2000-08-11	Phragmatopoma caudata	75
6177813	3024	6	2000-06-15	Phragmatopoma caudata	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