

Submerged Aquatic Vegetation Indicator Quantile Report

SEACAR Analysis

Last compiled on 07 February, 2024

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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**

The following parameters are being excluded from this analysis:

- *Standard Length*

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

All_SAV_Parameters-2024-Jan-10.txt

Indicator: Percent Cover

- Braun Blanquet Score
- Modified Braun Blanquet Score
- Percent Cover
- Shoot Count
- Presence/Absence
- Percent Occurrence

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.

%_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: **Percent Cover**

Table 1: Indicator Quantile Overview

parameter	q_low	q_high	mean	n_tot	n_q_low	n_q_high	%_flagged
Braun Blanquet Score	0.00	68	0.95	1125594	1	1109	0.10
Modified Braun Blanquet Score	0.50	5	2.22	29835	28	1	0.10
Percent Cover	0.01	100	20.14	100531	0	44	0.04
Percent Occurrence	1.00	100	46.06	129942	0	2	0.00
Presence/Absence	0.00	1	0.24	1791729	0	0	0.00
Shoot Count	1.00	6800	425.95	40679	0	40	0.10

Low Quantile

Indicator: Percent Cover

Braun Blanquet Score

Table 2: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
169496	296	276	2020-12-13	Thalassia testudinum	-0.69

Programs containing flagged data:

296 - Florida Keys National Marine Sanctuary Seagrass Monitoring Project

Modified Braun Blanquet Score

Table 3: Flagged Values - Low Indicator Quantile: **0.5**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
98928	559	AU04-2018	2018-06-30	Halophila engelmannii	0.20
98136	559	KB01-2018	2018-06-30	Halophila engelmannii	0.30
1078690	559	KB03-2018	2018-06-30	Thalassia testudinum	0.30
1077127	559	KB04-2018	2018-06-30	Caulerpa prolifera	0.20
92075	559	KB05-2018	2018-06-30	Halimeda incrassata	0.40
1077849	559	KB05-2018	2018-06-30	Halodule wrightii	0.20
95262	559	KB06-2018	2018-06-30	Acetabularia crenulata	0.20
97875	559	KB10-2018	2018-06-30	Halodule wrightii	0.20
92735	559	KB14-2018	2018-06-30	Halophila engelmannii	0.28
94737	559	KB15-2018	2018-06-30	Halimeda incrassata	0.20
101539	559	MK02-2018	2018-06-30	Caulerpa prolifera	0.20
102065	559	MK02-2018	2018-06-30	Halimeda incrassata	0.20
93953	559	MK03-2018	2018-06-30	Halophila engelmannii	0.40
104320	559	MK03-2018	2018-06-30	Drift red algae	0.30
93656	559	MK05-2018	2018-06-30	Halodule wrightii	0.10
1077247	559	SP03-2018	2018-06-30	Halimeda incrassata	0.20
1077306	559	SP03-2018	2018-06-30	Halodule wrightii	0.20
1077385	559	SP03-2018	2018-06-30	Halophila engelmannii	0.20
1077930	559	SP04-2018	2018-06-30	Halimeda incrassata	0.20
98207	559	ST01-2018	2018-06-30	Penicillus dumetosus	0.40
97196	559	ST04-2018	2018-06-30	Syringodium filiforme	0.40
105676	559	ST07-2018	2018-06-30	Halodule wrightii	0.20
3208596	978	CSA1T1	2008-12-31	Unknown seagrass	0.00
2000119	978	CSA23bT1	2008-12-31	Unknown seagrass	0.10
3208547	978	SA16T1	2008-12-31	Unknown seagrass	0.00
2000147	978	SA16T2	2008-12-31	Unknown seagrass	0.00
3208487	978	SA16T3	2008-12-31	Unknown seagrass	0.00
3207969	978	SA23aT3	2008-12-31	Unknown seagrass	0.00

Programs containing flagged data:

559 - Northern Big Bend Seagrass Monitoring

978 - St. Andrews Bay Prop Scar Monitoring

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

There are no *Low* Quantile Flagged Values for Shoot Count

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

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

High Quantile

Indicator: Percent Cover

Braun Blanquet Score

Table 4: Flagged Values - High Indicator Quantile: **68**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
7186173	965	1-1	2005-10-31	Syringodium filiforme	77.0
7186433	965	1-1	2005-10-31	Total seagrass	77.0
7209439	965	1-1	2007-04-30	Syringodium filiforme	75.0
7209510	965	1-1	2007-04-30	Syringodium filiforme	70.0
7209556	965	1-1	2007-04-30	Syringodium filiforme	90.0
7209638	965	1-1	2007-04-30	Syringodium filiforme	85.0
7211781	965	1-1	2007-04-30	Syringodium filiforme	75.0
7211821	965	1-1	2007-04-30	Syringodium filiforme	80.0
7213987	965	1-1	2007-04-30	Total seagrass	80.0
7213990	965	1-1	2007-04-30	Total seagrass	70.0
7214035	965	1-1	2007-04-30	Total seagrass	75.0
7214094	965	1-1	2007-04-30	Total seagrass	75.0
7214816	965	1-1	2007-04-30	Total seagrass	90.0
7215813	965	1-1	2007-04-30	Total seagrass	85.0
6771600	965	1-1	2008-04-30	Total seagrass	89.0
6777018	965	1-1	2008-04-30	Syringodium filiforme	89.0
6673275	965	1-1	2010-04-30	Syringodium filiforme	86.0
6673307	965	1-1	2010-04-30	Syringodium filiforme	81.0
6673388	965	1-1	2010-04-30	Syringodium filiforme	75.0
6676175	965	1-1	2010-04-30	Syringodium filiforme	69.0
6717107	965	1-1	2010-04-30	Total seagrass	86.0
6717164	965	1-1	2010-04-30	Total seagrass	69.0
6717441	965	1-1	2010-04-30	Total seagrass	75.0
6717502	965	1-1	2010-04-30	Total seagrass	81.0
6747289	965	1-1	2010-10-31	Total seagrass	98.0
6768082	965	1-1	2010-10-31	Syringodium filiforme	98.0
6781653	965	1-1	2010-10-31	Total seagrass	110.0
6793248	965	1-1	2010-10-31	Total seagrass	116.0
6793344	965	1-1	2010-10-31	Total seagrass	120.0
6793895	965	1-1	2010-10-31	Total seagrass	106.0
6835385	965	1-1	2010-10-31	Syringodium filiforme	92.0
6835601	965	1-1	2010-10-31	Syringodium filiforme	110.0
6837368	965	1-1	2010-10-31	Syringodium filiforme	120.0
6837399	965	1-1	2010-10-31	Syringodium filiforme	116.0
6837492	965	1-1	2010-10-31	Syringodium filiforme	106.0
6893221	965	1-1	2010-10-31	Total seagrass	92.0
6601280	965	1-1	2011-10-31	Syringodium filiforme	81.0
6619597	965	1-1	2011-10-31	Total seagrass	105.0
6619598	965	1-1	2011-10-31	Total seagrass	81.0
6620115	965	1-1	2011-10-31	Total seagrass	81.0
6620639	965	1-1	2011-10-31	Total seagrass	92.0
6622541	965	1-1	2011-10-31	Syringodium filiforme	81.0
6622556	965	1-1	2011-10-31	Syringodium filiforme	105.0
6622572	965	1-1	2011-10-31	Syringodium filiforme	92.0
6651141	965	1-1	2011-10-31	Total seagrass	86.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6682082	965	1-1	2011-10-31	Syringodium filiforme	86.0
6977525	965	1-10	2007-04-30	Total seagrass	70.0
7013434	965	1-10	2007-04-30	Syringodium filiforme	70.0
7013468	965	1-10	2007-04-30	Syringodium filiforme	70.0
7151477	965	1-10	2007-04-30	Total seagrass	70.0
6680172	965	1-10	2007-10-31	Total seagrass	78.0
6680234	965	1-10	2007-10-31	Syringodium filiforme	73.0
6797833	965	1-10	2007-10-31	Syringodium filiforme	78.0
6957831	965	1-10	2007-10-31	Total seagrass	80.0
6957855	965	1-10	2007-10-31	Total seagrass	71.0
7041078	965	1-10	2007-10-31	Total seagrass	77.0
7041929	965	1-10	2007-10-31	Total seagrass	73.0
7112221	965	1-10	2007-10-31	Syringodium filiforme	71.0
7113664	965	1-10	2007-10-31	Syringodium filiforme	77.0
7113813	965	1-10	2007-10-31	Syringodium filiforme	80.0
7347840	965	1-10	2008-10-31	Syringodium filiforme	75.0
7376084	965	1-10	2008-10-31	Syringodium filiforme	75.0
7376103	965	1-10	2008-10-31	Syringodium filiforme	70.0
7518222	965	1-10	2008-10-31	Total seagrass	75.0
7524978	965	1-10	2008-10-31	Total seagrass	75.0
7525045	965	1-10	2008-10-31	Total seagrass	70.0
6630993	965	1-10	2009-10-31	Total seagrass	70.0
6635810	965	1-10	2009-10-31	Syringodium filiforme	90.0
6635872	965	1-10	2009-10-31	Syringodium filiforme	95.0
6635970	965	1-10	2009-10-31	Syringodium filiforme	80.0
6636045	965	1-10	2009-10-31	Syringodium filiforme	90.0
6636095	965	1-10	2009-10-31	Syringodium filiforme	70.0
6636210	965	1-10	2009-10-31	Syringodium filiforme	100.0
6663664	965	1-10	2009-10-31	Total seagrass	90.0
6664004	965	1-10	2009-10-31	Total seagrass	80.0
6664056	965	1-10	2009-10-31	Total seagrass	95.0
6665116	965	1-10	2009-10-31	Total seagrass	90.0
6666031	965	1-10	2009-10-31	Total seagrass	100.0
6719569	965	1-10	2010-04-30	Syringodium filiforme	70.0
6720676	965	1-10	2010-04-30	Syringodium filiforme	72.0
6728544	965	1-10	2010-04-30	Total seagrass	72.0
6728660	965	1-10	2010-04-30	Total seagrass	70.0
7285910	965	1-10	2011-04-30	Total seagrass	75.0
7288492	965	1-10	2011-04-30	Thalassia testudinum	75.0
6585930	965	1-10	2011-10-31	Total seagrass	90.0
6585999	965	1-10	2011-10-31	Total seagrass	91.0
6586001	965	1-10	2011-10-31	Total seagrass	86.0
6586464	965	1-10	2011-10-31	Total seagrass	92.0
6599569	965	1-10	2011-10-31	Thalassia testudinum	82.0
6603215	965	1-10	2011-10-31	Syringodium filiforme	91.0
6608862	965	1-10	2011-10-31	Total seagrass	91.0
6608878	965	1-10	2011-10-31	Syringodium filiforme	90.0
6608880	965	1-10	2011-10-31	Syringodium filiforme	86.0
6615548	965	1-10	2011-10-31	Syringodium filiforme	92.0
6615610	965	1-10	2011-10-31	Syringodium filiforme	91.0
7085701	965	1-11	2005-04-30	Syringodium filiforme	91.0
7085744	965	1-11	2005-04-30	Syringodium filiforme	76.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
7087837	965	1-11	2005-04-30	Total seagrass	91.0
7087876	965	1-11	2005-04-30	Total seagrass	76.0
7136550	965	1-11	2005-04-30	Syringodium filiforme	70.0
7136644	965	1-11	2005-04-30	Total seagrass	70.0
6820009	965	1-11	2007-04-30	Thalassia testudinum	75.0
6820713	965	1-11	2007-04-30	Thalassia testudinum	80.0
6923923	965	1-11	2007-04-30	Syringodium filiforme	85.0
6962365	965	1-11	2007-04-30	Total seagrass	80.0
6962367	965	1-11	2007-04-30	Total seagrass	82.5
7019937	965	1-11	2007-04-30	Total seagrass	85.0
7019997	965	1-11	2007-04-30	Total seagrass	85.0
7020033	965	1-11	2007-04-30	Total seagrass	75.0
7210195	965	1-11	2007-04-30	Syringodium filiforme	85.0
7210540	965	1-11	2007-04-30	Syringodium filiforme	75.0
6675562	965	1-11	2007-10-31	Total seagrass	71.0
6675640	965	1-11	2007-10-31	Total seagrass	88.0
6796272	965	1-11	2007-10-31	Syringodium filiforme	71.0
6797067	965	1-11	2007-10-31	Syringodium filiforme	88.0
6800372	965	1-11	2007-10-31	Syringodium filiforme	88.0
6800443	965	1-11	2007-10-31	Syringodium filiforme	89.0
6800474	965	1-11	2007-10-31	Syringodium filiforme	85.0
6800484	965	1-11	2007-10-31	Total seagrass	85.0
6801276	965	1-11	2007-10-31	Total seagrass	88.0
6802247	965	1-11	2007-10-31	Total seagrass	89.0
6704410	965	1-11	2008-04-30	Syringodium filiforme	75.0
6967703	965	1-11	2008-04-30	Total seagrass	75.0
7347855	965	1-11	2008-10-31	Syringodium filiforme	75.0
7348389	965	1-11	2008-10-31	Syringodium filiforme	70.0
7376077	965	1-11	2008-10-31	Total seagrass	75.0
7524045	965	1-11	2008-10-31	Total seagrass	70.0
6638207	965	1-11	2009-10-31	Syringodium filiforme	80.0
6638266	965	1-11	2009-10-31	Syringodium filiforme	80.0
6638268	965	1-11	2009-10-31	Syringodium filiforme	75.0
6640599	965	1-11	2009-10-31	Total seagrass	80.0
6648126	965	1-11	2009-10-31	Syringodium filiforme	80.0
6678543	965	1-11	2009-10-31	Syringodium filiforme	70.0
6701456	965	1-11	2009-10-31	Total seagrass	80.0
6701512	965	1-11	2009-10-31	Total seagrass	80.0
6702566	965	1-11	2009-10-31	Total seagrass	75.0
6702691	965	1-11	2009-10-31	Total seagrass	70.0
6726849	965	1-11	2010-04-30	Syringodium filiforme	82.0
6726971	965	1-11	2010-04-30	Syringodium filiforme	90.0
6731085	965	1-11	2010-04-30	Total seagrass	82.0
6732803	965	1-11	2010-04-30	Total seagrass	90.0
7229715	965	1-11	2011-04-30	Total seagrass	83.0
7229778	965	1-11	2011-04-30	Total seagrass	75.0
7230924	965	1-11	2011-04-30	Syringodium filiforme	75.0
7231096	965	1-11	2011-04-30	Syringodium filiforme	83.0
7315178	965	1-11	2011-04-30	Syringodium filiforme	80.0
7315208	965	1-11	2011-04-30	Syringodium filiforme	77.0
7324586	965	1-11	2011-04-30	Total seagrass	77.0
7355171	965	1-11	2011-04-30	Total seagrass	80.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6598795	965	1-11	2011-10-31	Syringodium filiforme	75.0
6599139	965	1-11	2011-10-31	Thalassia testudinum	72.0
6605323	965	1-11	2011-10-31	Total seagrass	72.0
6605531	965	1-11	2011-10-31	Total seagrass	75.0
6872540	965	1-12	2005-04-30	Total seagrass	70.0
6876085	965	1-12	2005-04-30	Total seagrass	82.0
7091933	965	1-12	2005-04-30	Syringodium filiforme	82.0
7092023	965	1-12	2005-04-30	Syringodium filiforme	70.0
7092189	965	1-12	2005-04-30	Syringodium filiforme	78.0
7092555	965	1-12	2005-04-30	Total seagrass	78.0
6950079	965	1-12	2007-04-30	Total seagrass	95.0
6950167	965	1-12	2007-04-30	Total seagrass	80.0
7028673	965	1-12	2007-04-30	Total seagrass	90.0
7210695	965	1-12	2007-04-30	Syringodium filiforme	95.0
7210772	965	1-12	2007-04-30	Syringodium filiforme	105.0
7210807	965	1-12	2007-04-30	Syringodium filiforme	95.0
7210834	965	1-12	2007-04-30	Syringodium filiforme	80.0
7210907	965	1-12	2007-04-30	Syringodium filiforme	90.0
7222176	965	1-12	2007-04-30	Total seagrass	105.0
7222960	965	1-12	2007-04-30	Total seagrass	95.0
6652680	965	1-12	2008-04-30	Syringodium filiforme	75.0
6809637	965	1-12	2008-04-30	Thalassia testudinum	77.0
6937469	965	1-12	2008-04-30	Total seagrass	75.0
6937833	965	1-12	2008-04-30	Total seagrass	70.0
6957031	965	1-12	2008-04-30	Syringodium filiforme	70.0
6958785	965	1-12	2008-04-30	Syringodium filiforme	76.0
6958962	965	1-12	2008-04-30	Syringodium filiforme	70.0
6976443	965	1-12	2008-04-30	Total seagrass	77.0
7036513	965	1-12	2008-04-30	Total seagrass	76.0
7041805	965	1-12	2008-04-30	Total seagrass	73.5
6636170	965	1-12	2009-10-31	Total seagrass	80.0
6636260	965	1-12	2009-10-31	Syringodium filiforme	75.0
6636493	965	1-12	2009-10-31	Syringodium filiforme	80.0
6636882	965	1-12	2009-10-31	Total seagrass	75.0
6721633	965	1-12	2010-04-30	Total seagrass	80.0
6815804	965	1-12	2010-04-30	Syringodium filiforme	80.0
6757840	965	1-13	2006-04-30	Syringodium filiforme	80.0
6803953	965	1-13	2006-04-30	Total seagrass	70.0
6918551	965	1-13	2006-04-30	Syringodium filiforme	70.0
6935657	965	1-13	2006-04-30	Total seagrass	80.0
6898505	965	1-13	2007-04-30	Total seagrass	93.0
7078625	965	1-13	2007-04-30	Total seagrass	95.0
7092250	965	1-13	2007-04-30	Syringodium filiforme	90.0
7092329	965	1-13	2007-04-30	Syringodium filiforme	95.0
7092986	965	1-13	2007-04-30	Syringodium filiforme	93.0
7104326	965	1-13	2007-04-30	Total seagrass	90.0
7104328	965	1-13	2007-04-30	Total seagrass	90.0
7104393	965	1-13	2007-04-30	Syringodium filiforme	90.0
7210675	965	1-13	2007-04-30	Syringodium filiforme	95.0
7222194	965	1-13	2007-04-30	Total seagrass	95.0
6727551	965	1-13	2007-10-31	Syringodium filiforme	90.0
6727590	965	1-13	2007-10-31	Syringodium filiforme	115.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6727609	965	1-13	2007-10-31	Syringodium filiforme	70.0
6727681	965	1-13	2007-10-31	Syringodium filiforme	88.0
6769731	965	1-13	2007-10-31	Total seagrass	70.0
6782958	965	1-13	2007-10-31	Total seagrass	115.0
6782974	965	1-13	2007-10-31	Total seagrass	88.0
6783013	965	1-13	2007-10-31	Total seagrass	90.0
6632995	965	1-13	2009-10-31	Total seagrass	90.0
6633005	965	1-13	2009-10-31	Total seagrass	87.0
6634163	965	1-13	2009-10-31	Total seagrass	71.0
6635169	965	1-13	2009-10-31	Syringodium filiforme	71.0
6645835	965	1-13	2009-10-31	Syringodium filiforme	90.0
6645837	965	1-13	2009-10-31	Syringodium filiforme	87.0
7003720	965	1-13	2010-10-31	Total seagrass	72.0
7023947	965	1-13	2010-10-31	Syringodium filiforme	72.0
6879798	965	1-14	2005-04-30	Total seagrass	82.0
6879867	965	1-14	2005-04-30	Syringodium filiforme	90.0
6879879	965	1-14	2005-04-30	Syringodium filiforme	82.0
6880716	965	1-14	2005-04-30	Total seagrass	90.0
6769048	965	1-14	2005-10-31	Total seagrass	86.0
6769150	965	1-14	2005-10-31	Syringodium filiforme	86.0
7200267	965	1-14	2005-10-31	Syringodium filiforme	91.0
7221895	965	1-14	2005-10-31	Total seagrass	91.0
6836861	965	1-14	2006-10-31	Thalassia testudinum	70.0
6900621	965	1-14	2006-10-31	Thalassia testudinum	70.0
6930736	965	1-14	2006-10-31	Total seagrass	70.0
6931153	965	1-14	2006-10-31	Total seagrass	70.0
6775965	965	1-14	2007-10-31	Syringodium filiforme	72.0
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7026608	965	1-14	2007-10-31	Total seagrass	117.0
7110842	965	1-14	2007-10-31	Syringodium filiforme	117.0
6839928	965	1-14	2008-04-30	Syringodium filiforme	93.0
6839964	965	1-14	2008-04-30	Syringodium filiforme	90.0
6840895	965	1-14	2008-04-30	Syringodium filiforme	93.0
6840898	965	1-14	2008-04-30	Syringodium filiforme	95.0
6875832	965	1-14	2008-04-30	Syringodium filiforme	94.0
6876020	965	1-14	2008-04-30	Syringodium filiforme	93.0
6931451	965	1-14	2008-04-30	Total seagrass	93.0
6986323	965	1-14	2008-04-30	Total seagrass	95.0
6986412	965	1-14	2008-04-30	Total seagrass	93.0
6986433	965	1-14	2008-04-30	Total seagrass	93.0
6986434	965	1-14	2008-04-30	Total seagrass	94.0
6992480	965	1-14	2008-04-30	Total seagrass	90.0
7309211	965	1-14	2008-10-31	Total seagrass	91.0
7309291	965	1-14	2008-10-31	Total seagrass	107.0
7309540	965	1-14	2008-10-31	Total seagrass	111.0
7309542	965	1-14	2008-10-31	Total seagrass	102.0
7309543	965	1-14	2008-10-31	Total seagrass	89.0
7354810	965	1-14	2008-10-31	Syringodium filiforme	91.0
7354863	965	1-14	2008-10-31	Syringodium filiforme	111.0
7354900	965	1-14	2008-10-31	Syringodium filiforme	89.0
7354914	965	1-14	2008-10-31	Syringodium filiforme	102.0
7355456	965	1-14	2008-10-31	Syringodium filiforme	107.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6619108	965	1-14	2009-10-31	Total seagrass	74.0
6634389	965	1-14	2009-10-31	Total seagrass	69.0
6648868	965	1-14	2009-10-31	Syringodium filiforme	97.0
6684957	965	1-14	2009-10-31	Total seagrass	97.0
6689899	965	1-14	2009-10-31	Thalassia testudinum	69.0
6732509	965	1-14	2010-04-30	Syringodium filiforme	93.0
6739759	965	1-14	2010-04-30	Syringodium filiforme	80.0
6740987	965	1-14	2010-04-30	Syringodium filiforme	73.0
6741014	965	1-14	2010-04-30	Syringodium filiforme	94.0
6741023	965	1-14	2010-04-30	Syringodium filiforme	88.0
6741151	965	1-14	2010-04-30	Syringodium filiforme	76.0
6780949	965	1-14	2010-04-30	Total seagrass	73.0
6781061	965	1-14	2010-04-30	Total seagrass	94.0
6781113	965	1-14	2010-04-30	Total seagrass	76.0
6781231	965	1-14	2010-04-30	Total seagrass	88.0
6816921	965	1-14	2010-04-30	Total seagrass	93.0
6817014	965	1-14	2010-04-30	Total seagrass	80.0
7012881	965	1-14	2010-10-31	Total seagrass	193.0
7024078	965	1-14	2010-10-31	Syringodium filiforme	193.0
7049311	965	1-14	2010-10-31	Total seagrass	115.0
7051759	965	1-14	2010-10-31	Total seagrass	73.0
7051850	965	1-14	2010-10-31	Total seagrass	93.0
7068127	965	1-14	2010-10-31	Syringodium filiforme	115.0
7068137	965	1-14	2010-10-31	Syringodium filiforme	73.0
7068248	965	1-14	2010-10-31	Syringodium filiforme	93.0
7266059	965	1-15	2009-04-30	Syringodium filiforme	69.0
7363931	965	1-15	2009-04-30	Total seagrass	69.0
6840614	965	1-15	2010-10-31	Syringodium filiforme	70.0
6854473	965	1-15	2010-10-31	Syringodium filiforme	72.0
6927346	965	1-15	2010-10-31	Total seagrass	72.0
7037320	965	1-15	2010-10-31	Total seagrass	70.0
7130527	965	1-15	2010-10-31	Total seagrass	70.0
6929108	965	1-16	2008-10-31	Thalassia testudinum	74.0
6929254	965	1-16	2008-10-31	Thalassia testudinum	69.0
7227220	965	1-16	2008-10-31	Total seagrass	74.0
7227376	965	1-16	2008-10-31	Total seagrass	69.0
6580085	965	1-17	2011-10-31	Thalassia testudinum	69.0
6592866	965	1-17	2011-10-31	Total seagrass	69.0
6956476	965	1-18	2007-04-30	Total seagrass	80.0
6995704	965	1-18	2007-04-30	Syringodium filiforme	70.0
6995728	965	1-18	2007-04-30	Syringodium filiforme	80.0
7007117	965	1-18	2007-04-30	Total seagrass	70.0
7066280	965	1-18	2007-04-30	Total seagrass	72.0
7067549	965	1-18	2007-04-30	Syringodium filiforme	72.0
7162018	965	1-18	2008-10-31	Syringodium filiforme	92.0
7162036	965	1-18	2008-10-31	Syringodium filiforme	99.0
7256741	965	1-18	2008-10-31	Total seagrass	99.0
7268435	965	1-18	2008-10-31	Total seagrass	92.0
7335009	965	1-18	2008-10-31	Syringodium filiforme	89.0
7523330	965	1-18	2008-10-31	Total seagrass	89.0
6654438	965	1-18	2009-10-31	Halodule wrightii	70.0
6660313	965	1-18	2009-10-31	Total seagrass	70.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6591513	965	1-18	2011-10-31	Total seagrass	70.0
6600905	965	1-18	2011-10-31	Syringodium filiforme	79.0
6601464	965	1-18	2011-10-31	Syringodium filiforme	69.0
6607020	965	1-18	2011-10-31	Syringodium filiforme	76.0
6607353	965	1-18	2011-10-31	Syringodium filiforme	70.0
6607851	965	1-18	2011-10-31	Syringodium filiforme	73.0
6614810	965	1-18	2011-10-31	Total seagrass	79.0
6614854	965	1-18	2011-10-31	Total seagrass	69.0
6618075	965	1-18	2011-10-31	Total seagrass	76.0
6618154	965	1-18	2011-10-31	Total seagrass	73.0
6610614	965	1-19	2009-10-31	Syringodium filiforme	71.0
6628091	965	1-19	2009-10-31	Total seagrass	71.0
6760262	965	1-19	2010-04-30	Syringodium filiforme	72.0
6763871	965	1-19	2010-04-30	Total seagrass	72.0
6604471	965	1-19	2011-10-31	Syringodium filiforme	80.0
6607335	965	1-19	2011-10-31	Syringodium filiforme	86.0
6607351	965	1-19	2011-10-31	Syringodium filiforme	90.0
6607364	965	1-19	2011-10-31	Syringodium filiforme	85.0
6607503	965	1-19	2011-10-31	Syringodium filiforme	82.0
6608135	965	1-19	2011-10-31	Syringodium filiforme	82.0
6619922	965	1-19	2011-10-31	Total seagrass	80.0
6621450	965	1-19	2011-10-31	Total seagrass	90.0
6621479	965	1-19	2011-10-31	Total seagrass	85.0
6621514	965	1-19	2011-10-31	Total seagrass	86.0
6621628	965	1-19	2011-10-31	Total seagrass	82.0
6621677	965	1-19	2011-10-31	Total seagrass	82.0
6841996	965	1-2	2005-04-30	Syringodium filiforme	70.0
6983352	965	1-2	2005-04-30	Total seagrass	70.0
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7209990	965	1-2	2007-04-30	Syringodium filiforme	87.0
7210063	965	1-2	2007-04-30	Syringodium filiforme	71.0
7210534	965	1-2	2007-04-30	Total seagrass	71.0
7214635	965	1-2	2007-04-30	Total seagrass	79.0
7214900	965	1-2	2007-04-30	Total seagrass	87.0
6796764	965	1-2	2007-10-31	Syringodium filiforme	85.0
6840926	965	1-2	2007-10-31	Total seagrass	85.0
6842931	965	1-2	2007-10-31	Total seagrass	70.0
6842933	965	1-2	2007-10-31	Total seagrass	70.0
6897344	965	1-2	2007-10-31	Syringodium filiforme	70.0
6897446	965	1-2	2007-10-31	Syringodium filiforme	75.0
6898185	965	1-2	2007-10-31	Syringodium filiforme	70.0
6981600	965	1-2	2007-10-31	Total seagrass	75.0
7183573	965	1-2	2008-10-31	Total seagrass	75.0
7183782	965	1-2	2008-10-31	Syringodium filiforme	75.0
7183787	965	1-2	2008-10-31	Syringodium filiforme	70.0
7183961	965	1-2	2008-10-31	Syringodium filiforme	75.0
7184041	965	1-2	2008-10-31	Syringodium filiforme	78.0
7191931	965	1-2	2008-10-31	Total seagrass	78.0
7191949	965	1-2	2008-10-31	Total seagrass	75.0
7192649	965	1-2	2008-10-31	Total seagrass	70.0
6669116	965	1-2	2010-04-30	Syringodium filiforme	69.0
6682925	965	1-2	2010-04-30	Syringodium filiforme	70.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6723129	965	1-2	2010-04-30	Total seagrass	70.0
6723213	965	1-2	2010-04-30	Total seagrass	69.0
6735609	965	1-2	2010-10-31	Syringodium filiforme	91.0
6735776	965	1-2	2010-10-31	Syringodium filiforme	85.0
6744461	965	1-2	2010-10-31	Total seagrass	91.0
6744504	965	1-2	2010-10-31	Total seagrass	85.0
6761786	965	1-2	2010-10-31	Syringodium filiforme	85.0
6801371	965	1-2	2010-10-31	Total seagrass	85.0
7281544	965	1-2	2011-04-30	Syringodium filiforme	84.0
7281552	965	1-2	2011-04-30	Syringodium filiforme	93.0
7281555	965	1-2	2011-04-30	Syringodium filiforme	88.0
7281559	965	1-2	2011-04-30	Syringodium filiforme	84.0
7281642	965	1-2	2011-04-30	Syringodium filiforme	73.0
7304225	965	1-2	2011-04-30	Total seagrass	84.0
7308431	965	1-2	2011-04-30	Total seagrass	88.0
7308968	965	1-2	2011-04-30	Total seagrass	93.0
7310286	965	1-2	2011-04-30	Total seagrass	73.0
7311093	965	1-2	2011-04-30	Total seagrass	84.0
6582348	965	1-2	2011-10-31	Total seagrass	90.0
6582350	965	1-2	2011-10-31	Total seagrass	86.0
6582482	965	1-2	2011-10-31	Total seagrass	74.0
6586747	965	1-2	2011-10-31	Syringodium filiforme	90.0
6586774	965	1-2	2011-10-31	Syringodium filiforme	86.0
6586785	965	1-2	2011-10-31	Syringodium filiforme	74.0
6598021	965	1-2	2011-10-31	Syringodium filiforme	80.0
6598037	965	1-2	2011-10-31	Syringodium filiforme	100.0
6604486	965	1-2	2011-10-31	Total seagrass	100.0
6605621	965	1-2	2011-10-31	Total seagrass	80.0
7001448	965	1-20	2007-10-31	Syringodium filiforme	71.0
7001503	965	1-20	2007-10-31	Syringodium filiforme	70.0
7001575	965	1-20	2007-10-31	Total seagrass	70.0
7005995	965	1-20	2007-10-31	Total seagrass	71.0
7011736	965	1-20	2007-10-31	Syringodium filiforme	75.0
7090181	965	1-20	2007-10-31	Total seagrass	75.0
7388839	965	1-20	2009-04-30	Syringodium filiforme	79.0
7390248	965	1-20	2009-04-30	Total seagrass	79.0
6575471	965	1-20	2009-10-31	Total seagrass	73.0
6575749	965	1-20	2009-10-31	Total seagrass	95.0
6610462	965	1-20	2009-10-31	Syringodium filiforme	73.0
6611533	965	1-20	2009-10-31	Syringodium filiforme	95.0
6628604	965	1-20	2009-10-31	Syringodium filiforme	96.0
6640794	965	1-20	2009-10-31	Total seagrass	78.0
6641979	965	1-20	2009-10-31	Total seagrass	99.0
6643949	965	1-20	2009-10-31	Total seagrass	96.0
6643982	965	1-20	2009-10-31	Total seagrass	95.0
6645696	965	1-20	2009-10-31	Syringodium filiforme	78.0
6673705	965	1-20	2009-10-31	Syringodium filiforme	95.0
6673732	965	1-20	2009-10-31	Syringodium filiforme	99.0
6759823	965	1-20	2010-04-30	Syringodium filiforme	69.0
6766446	965	1-20	2010-04-30	Total seagrass	69.0
6855800	965	1-20	2010-10-31	Syringodium filiforme	70.0
6856349	965	1-20	2010-10-31	Total seagrass	70.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
7042502	965	1-20	2010-10-31	Syringodium filiforme	72.0
7044879	965	1-20	2010-10-31	Total seagrass	72.0
7260414	965	1-20	2011-04-30	Total seagrass	71.0
7263926	965	1-20	2011-04-30	Total seagrass	70.0
7280196	965	1-20	2011-04-30	Syringodium filiforme	71.0
7289322	965	1-20	2011-04-30	Syringodium filiforme	70.0
6576921	965	1-20	2011-10-31	Syringodium filiforme	69.0
6597870	965	1-20	2011-10-31	Total seagrass	71.0
6598036	965	1-20	2011-10-31	Total seagrass	70.0
6598058	965	1-20	2011-10-31	Total seagrass	75.0
6598096	965	1-20	2011-10-31	Total seagrass	71.0
6600396	965	1-20	2011-10-31	Total seagrass	76.0
6601992	965	1-20	2011-10-31	Total seagrass	69.0
6611775	965	1-20	2011-10-31	Syringodium filiforme	71.0
6612109	965	1-20	2011-10-31	Syringodium filiforme	76.0
6612241	965	1-20	2011-10-31	Syringodium filiforme	71.0
6612309	965	1-20	2011-10-31	Syringodium filiforme	75.0
6613030	965	1-20	2011-10-31	Syringodium filiforme	70.0
6942583	965	1-21	2008-04-30	Total seagrass	93.0
6942703	965	1-21	2008-04-30	Syringodium filiforme	93.0
7519845	965	1-21	2008-10-31	Total seagrass	71.0
7519847	965	1-21	2008-10-31	Total seagrass	77.0
7519896	965	1-21	2008-10-31	Total seagrass	80.0
7519973	965	1-21	2008-10-31	Total seagrass	69.0
7519983	965	1-21	2008-10-31	Syringodium filiforme	71.0
7520026	965	1-21	2008-10-31	Total seagrass	79.0
7520028	965	1-21	2008-10-31	Syringodium filiforme	77.0
7520033	965	1-21	2008-10-31	Total seagrass	81.0
7520253	965	1-21	2008-10-31	Syringodium filiforme	80.0
7521064	965	1-21	2008-10-31	Syringodium filiforme	81.0
7521085	965	1-21	2008-10-31	Syringodium filiforme	79.0
7521225	965	1-21	2008-10-31	Syringodium filiforme	69.0
7384440	965	1-21	2009-04-30	Syringodium filiforme	69.0
7385917	965	1-21	2009-04-30	Total seagrass	69.0
6605913	965	1-21	2009-10-31	Total seagrass	82.0
6607977	965	1-21	2009-10-31	Halodule wrightii	74.0
6610721	965	1-21	2009-10-31	Thalassia testudinum	76.0
6610926	965	1-21	2009-10-31	Total seagrass	76.0
6610972	965	1-21	2009-10-31	Total seagrass	84.0
6610973	965	1-21	2009-10-31	Total seagrass	91.0
6611438	965	1-21	2009-10-31	Thalassia testudinum	84.0
6612857	965	1-21	2009-10-31	Halodule wrightii	70.0
6628376	965	1-21	2009-10-31	Syringodium filiforme	74.0
6628387	965	1-21	2009-10-31	Syringodium filiforme	91.0
6633589	965	1-21	2009-10-31	Syringodium filiforme	101.0
6634460	965	1-21	2009-10-31	Total seagrass	101.0
6645030	965	1-21	2009-10-31	Total seagrass	69.0
6645474	965	1-21	2009-10-31	Total seagrass	70.0
6645692	965	1-21	2009-10-31	Total seagrass	75.5
6645807	965	1-21	2009-10-31	Total seagrass	78.0
6700449	965	1-21	2009-10-31	Thalassia testudinum	82.0
6698310	965	1-21	2010-04-30	Total seagrass	80.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6732657	965	1-21	2010-04-30	Syringodium filiforme	80.0
7277570	965	1-21	2011-04-30	Total seagrass	85.0
7280220	965	1-21	2011-04-30	Syringodium filiforme	85.0
7296097	965	1-21	2011-04-30	Syringodium filiforme	91.0
7302425	965	1-21	2011-04-30	Total seagrass	91.0
7094331	965	1-22	2007-04-30	Total seagrass	75.0
7104941	965	1-22	2007-04-30	Syringodium filiforme	75.0
7118576	965	1-22	2007-04-30	Total seagrass	72.0
7120349	965	1-22	2007-04-30	Syringodium filiforme	72.0
6859242	965	1-22	2008-04-30	Total seagrass	76.0
6859588	965	1-22	2008-04-30	Total seagrass	74.0
6878686	965	1-22	2008-04-30	Syringodium filiforme	76.0
6878742	965	1-22	2008-04-30	Syringodium filiforme	74.0
7310394	965	1-22	2008-10-31	Total seagrass	87.0
7316837	965	1-22	2008-10-31	Total seagrass	87.0
7351934	965	1-22	2008-10-31	Syringodium filiforme	88.0
7351936	965	1-22	2008-10-31	Syringodium filiforme	86.0
7353165	965	1-22	2008-10-31	Syringodium filiforme	87.0
7353201	965	1-22	2008-10-31	Total seagrass	86.0
7353250	965	1-22	2008-10-31	Total seagrass	88.0
7523670	965	1-22	2008-10-31	Thalassia testudinum	87.0
7293294	965	1-22	2011-04-30	Syringodium filiforme	88.0
7295102	965	1-22	2011-04-30	Syringodium filiforme	80.0
7295156	965	1-22	2011-04-30	Syringodium filiforme	70.0
7304463	965	1-22	2011-04-30	Total seagrass	88.0
7304523	965	1-22	2011-04-30	Total seagrass	70.0
7304565	965	1-22	2011-04-30	Total seagrass	80.0
6606839	965	1-22	2011-10-31	Syringodium filiforme	70.0
6617901	965	1-22	2011-10-31	Total seagrass	70.0
6619479	965	1-22	2011-10-31	Syringodium filiforme	90.0
6619824	965	1-22	2011-10-31	Syringodium filiforme	75.0
6620162	965	1-22	2011-10-31	Total seagrass	90.0
6621049	965	1-22	2011-10-31	Total seagrass	75.0
7231009	965	1-23	2008-10-31	Syringodium filiforme	81.0
7231318	965	1-23	2008-10-31	Syringodium filiforme	90.0
7231467	965	1-23	2008-10-31	Syringodium filiforme	74.0
7232061	965	1-23	2008-10-31	Syringodium filiforme	75.0
7239692	965	1-23	2008-10-31	Syringodium filiforme	84.0
7308800	965	1-23	2008-10-31	Total seagrass	75.0
7308801	965	1-23	2008-10-31	Total seagrass	81.0
7308813	965	1-23	2008-10-31	Total seagrass	74.0
7308899	965	1-23	2008-10-31	Total seagrass	84.0
7309164	965	1-23	2008-10-31	Total seagrass	90.0
7282861	965	1-23	2009-04-30	Total seagrass	85.0
7406184	965	1-23	2009-04-30	Syringodium filiforme	85.0
6680694	965	1-25	2010-04-30	Syringodium filiforme	70.0
6681167	965	1-25	2010-04-30	Total seagrass	70.0
7355222	965	1-26	2009-04-30	Total seagrass	71.0
7379019	965	1-26	2009-04-30	Syringodium filiforme	71.0
6577350	965	1-26	2009-10-31	Syringodium filiforme	72.0
6579068	965	1-26	2009-10-31	Syringodium filiforme	69.0
6579090	965	1-26	2009-10-31	Syringodium filiforme	74.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6639263	965	1-26	2009-10-31	Total seagrass	72.0
6639329	965	1-26	2009-10-31	Total seagrass	69.0
6639331	965	1-26	2009-10-31	Total seagrass	74.0
6593237	965	1-27	2009-10-31	Syringodium filiforme	75.0
6593410	965	1-27	2009-10-31	Syringodium filiforme	71.0
6593445	965	1-27	2009-10-31	Syringodium filiforme	72.0
6596289	965	1-27	2009-10-31	Syringodium filiforme	74.0
6596383	965	1-27	2009-10-31	Syringodium filiforme	79.0
6627430	965	1-27	2009-10-31	Total seagrass	75.0
6627512	965	1-27	2009-10-31	Total seagrass	72.0
6627517	965	1-27	2009-10-31	Total seagrass	79.0
6627553	965	1-27	2009-10-31	Total seagrass	71.0
6636178	965	1-27	2009-10-31	Total seagrass	74.0
6736813	965	1-29	2010-04-30	Syringodium filiforme	80.0
6747270	965	1-29	2010-04-30	Total seagrass	75.0
6754300	965	1-29	2010-04-30	Total seagrass	80.0
6775162	965	1-29	2010-04-30	Total seagrass	80.0
6801952	965	1-29	2010-04-30	Syringodium filiforme	80.0
6803004	965	1-29	2010-04-30	Syringodium filiforme	75.0
6840431	965	1-3	2005-04-30	Syringodium filiforme	69.0
6840447	965	1-3	2005-04-30	Syringodium filiforme	75.0
6931842	965	1-3	2005-04-30	Total seagrass	69.0
6985138	965	1-3	2005-04-30	Total seagrass	75.0
7186503	965	1-3	2005-10-31	Syringodium filiforme	100.0
7186529	965	1-3	2005-10-31	Total seagrass	75.0
7186671	965	1-3	2005-10-31	Total seagrass	100.0
7186750	965	1-3	2005-10-31	Syringodium filiforme	75.0
6729561	965	1-3	2006-04-30	Total seagrass	76.0
6820400	965	1-3	2006-04-30	Total seagrass	75.0
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6884997	965	1-3	2006-04-30	Syringodium filiforme	76.0
6800119	965	1-3	2007-04-30	Syringodium filiforme	70.0
7156899	965	1-3	2007-04-30	Total seagrass	70.0
6899957	965	1-3	2007-10-31	Syringodium filiforme	70.0
6899958	965	1-3	2007-10-31	Syringodium filiforme	70.0
6900034	965	1-3	2007-10-31	Syringodium filiforme	73.0
6935325	965	1-3	2007-10-31	Syringodium filiforme	70.0
6981916	965	1-3	2007-10-31	Total seagrass	70.0
6981939	965	1-3	2007-10-31	Total seagrass	70.0
6981963	965	1-3	2007-10-31	Total seagrass	73.0
6982088	965	1-3	2007-10-31	Total seagrass	70.0
6744678	965	1-3	2008-04-30	Syringodium filiforme	85.0
6744719	965	1-3	2008-04-30	Syringodium filiforme	90.0
6744721	965	1-3	2008-04-30	Syringodium filiforme	92.0
6745614	965	1-3	2008-04-30	Syringodium filiforme	110.0
6782866	965	1-3	2008-04-30	Syringodium filiforme	100.0
6786829	965	1-3	2008-04-30	Syringodium filiforme	105.0
6854594	965	1-3	2008-04-30	Total seagrass	100.0
6854890	965	1-3	2008-04-30	Total seagrass	92.0
6854951	965	1-3	2008-04-30	Total seagrass	110.0
6854992	965	1-3	2008-04-30	Total seagrass	105.0
6855089	965	1-3	2008-04-30	Total seagrass	85.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6855764	965	1-3	2008-04-30	Total seagrass	90.0
7182999	965	1-3	2008-10-31	Syringodium filiforme	85.0
7190412	965	1-3	2008-10-31	Syringodium filiforme	86.0
7191173	965	1-3	2008-10-31	Total seagrass	85.0
7201416	965	1-3	2008-10-31	Total seagrass	86.0
7249529	965	1-3	2009-04-30	Total seagrass	85.0
7297945	965	1-3	2009-04-30	Syringodium filiforme	85.0
6737881	965	1-3	2010-10-31	Syringodium filiforme	100.0
6737923	965	1-3	2010-10-31	Syringodium filiforme	94.0
6738056	965	1-3	2010-10-31	Syringodium filiforme	115.0
6738164	965	1-3	2010-10-31	Syringodium filiforme	76.0
6802086	965	1-3	2010-10-31	Total seagrass	115.0
6804679	965	1-3	2010-10-31	Total seagrass	94.0
6805171	965	1-3	2010-10-31	Total seagrass	100.0
6805315	965	1-3	2010-10-31	Total seagrass	76.0
7247156	965	1-3	2011-04-30	Total seagrass	79.0
7247310	965	1-3	2011-04-30	Total seagrass	85.0
7271570	965	1-3	2011-04-30	Syringodium filiforme	79.0
7281878	965	1-3	2011-04-30	Syringodium filiforme	80.0
7304825	965	1-3	2011-04-30	Total seagrass	80.0
7331006	965	1-3	2011-04-30	Syringodium filiforme	85.0
7331100	965	1-3	2011-04-30	Syringodium filiforme	93.0
7331170	965	1-3	2011-04-30	Syringodium filiforme	75.0
7331200	965	1-3	2011-04-30	Syringodium filiforme	83.0
7361962	965	1-3	2011-04-30	Total seagrass	75.0
7363187	965	1-3	2011-04-30	Total seagrass	93.0
7363205	965	1-3	2011-04-30	Total seagrass	83.0
6588431	965	1-3	2011-10-31	Total seagrass	74.0
6588489	965	1-3	2011-10-31	Total seagrass	75.0
6607230	965	1-3	2011-10-31	Syringodium filiforme	80.0
6607874	965	1-3	2011-10-31	Syringodium filiforme	73.0
6607972	965	1-3	2011-10-31	Syringodium filiforme	70.0
6608006	965	1-3	2011-10-31	Syringodium filiforme	77.0
6611514	965	1-3	2011-10-31	Syringodium filiforme	74.0
6612072	965	1-3	2011-10-31	Syringodium filiforme	75.0
6612637	965	1-3	2011-10-31	Total seagrass	80.0
6634574	965	1-3	2011-10-31	Total seagrass	70.0
6635255	965	1-3	2011-10-31	Total seagrass	73.0
6641596	965	1-3	2011-10-31	Total seagrass	77.0
6781466	965	1-4	2005-04-30	Syringodium filiforme	74.0
6931500	965	1-4	2005-04-30	Total seagrass	74.0
6806307	965	1-4	2005-10-31	Total seagrass	80.0
6815132	965	1-4	2005-10-31	Syringodium filiforme	80.0
6800409	965	1-4	2007-04-30	Syringodium filiforme	105.0
6800459	965	1-4	2007-04-30	Syringodium filiforme	95.0
6800516	965	1-4	2007-04-30	Syringodium filiforme	75.0
6800680	965	1-4	2007-04-30	Syringodium filiforme	100.0
6803939	965	1-4	2007-04-30	Syringodium filiforme	85.0
7156940	965	1-4	2007-04-30	Total seagrass	75.0
7156941	965	1-4	2007-04-30	Total seagrass	95.0
7156967	965	1-4	2007-04-30	Total seagrass	105.0
7159229	965	1-4	2007-04-30	Total seagrass	100.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
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6787591	965	1-4	2007-10-31	Total seagrass	73.0
6787617	965	1-4	2007-10-31	Syringodium filiforme	73.0
6787620	965	1-4	2007-10-31	Total seagrass	73.0
6789253	965	1-4	2007-10-31	Syringodium filiforme	73.0
6939034	965	1-4	2007-10-31	Syringodium filiforme	73.0
6981627	965	1-4	2007-10-31	Total seagrass	73.0
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6803780	965	1-4	2008-04-30	Total seagrass	75.0
6803848	965	1-4	2008-04-30	Total seagrass	98.0
6859285	965	1-4	2008-04-30	Syringodium filiforme	75.0
6859470	965	1-4	2008-04-30	Syringodium filiforme	88.0
6859472	965	1-4	2008-04-30	Syringodium filiforme	92.0
6859804	965	1-4	2008-04-30	Syringodium filiforme	98.0
6859809	965	1-4	2008-04-30	Total seagrass	88.0
6859980	965	1-4	2008-04-30	Syringodium filiforme	80.0
6862109	965	1-4	2008-04-30	Total seagrass	92.0
7088811	965	1-4	2008-10-31	Syringodium filiforme	95.0
7088830	965	1-4	2008-10-31	Syringodium filiforme	80.0
7089193	965	1-4	2008-10-31	Syringodium filiforme	85.0
7089195	965	1-4	2008-10-31	Syringodium filiforme	85.0
7089949	965	1-4	2008-10-31	Syringodium filiforme	95.0
7089952	965	1-4	2008-10-31	Syringodium filiforme	105.0
7272223	965	1-4	2008-10-31	Total seagrass	95.0
7272252	965	1-4	2008-10-31	Total seagrass	85.0
7272563	965	1-4	2008-10-31	Total seagrass	85.0
7273154	965	1-4	2008-10-31	Total seagrass	80.0
7276388	965	1-4	2008-10-31	Total seagrass	95.0
7276389	965	1-4	2008-10-31	Total seagrass	105.0
6559225	965	1-4	2009-10-31	Syringodium filiforme	118.0
6559314	965	1-4	2009-10-31	Syringodium filiforme	110.0
6560024	965	1-4	2009-10-31	Syringodium filiforme	113.0
6564632	965	1-4	2009-10-31	Total seagrass	110.0
6565139	965	1-4	2009-10-31	Total seagrass	117.0
6565178	965	1-4	2009-10-31	Total seagrass	113.0
6565180	965	1-4	2009-10-31	Total seagrass	99.0
6566441	965	1-4	2009-10-31	Total seagrass	104.0
6582717	965	1-4	2009-10-31	Syringodium filiforme	117.0
6582767	965	1-4	2009-10-31	Syringodium filiforme	99.0
6589968	965	1-4	2009-10-31	Syringodium filiforme	104.0
6600901	965	1-4	2009-10-31	Total seagrass	118.0
6682323	965	1-4	2010-04-30	Syringodium filiforme	90.0
6685463	965	1-4	2010-04-30	Syringodium filiforme	72.0
6696892	965	1-4	2010-04-30	Total seagrass	72.0
6704438	965	1-4	2010-04-30	Total seagrass	90.0
6792598	965	1-4	2010-10-31	Syringodium filiforme	91.0
6792654	965	1-4	2010-10-31	Syringodium filiforme	110.0
6797592	965	1-4	2010-10-31	Syringodium filiforme	93.0
6797660	965	1-4	2010-10-31	Syringodium filiforme	112.0
6808350	965	1-4	2010-10-31	Total seagrass	110.0
6810489	965	1-4	2010-10-31	Total seagrass	91.0
6810572	965	1-4	2010-10-31	Total seagrass	93.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6822938	965	1-4	2010-10-31	Total seagrass	112.0
7270824	965	1-4	2011-04-30	Syringodium filiforme	87.0
7270972	965	1-4	2011-04-30	Syringodium filiforme	73.0
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7279485	965	1-4	2011-04-30	Total seagrass	87.0
7279556	965	1-4	2011-04-30	Total seagrass	73.0
7332862	965	1-4	2011-04-30	Syringodium filiforme	91.0
6586604	965	1-4	2011-10-31	Syringodium filiforme	82.0
6586615	965	1-4	2011-10-31	Syringodium filiforme	114.0
6587260	965	1-4	2011-10-31	Syringodium filiforme	106.0
6587262	965	1-4	2011-10-31	Syringodium filiforme	84.0
6587647	965	1-4	2011-10-31	Syringodium filiforme	75.0
6601812	965	1-4	2011-10-31	Total seagrass	82.0
6602382	965	1-4	2011-10-31	Total seagrass	106.0
6602556	965	1-4	2011-10-31	Total seagrass	84.0
6602758	965	1-4	2011-10-31	Total seagrass	114.0
6606730	965	1-4	2011-10-31	Total seagrass	75.0
6607449	965	1-4	2011-10-31	Syringodium filiforme	87.0
6638492	965	1-4	2011-10-31	Total seagrass	87.0
6795737	965	1-5	2005-10-31	Total seagrass	87.0
6802569	965	1-5	2005-10-31	Syringodium filiforme	87.0
6803028	965	1-5	2005-10-31	Total seagrass	75.0
6830506	965	1-5	2005-10-31	Syringodium filiforme	75.0
6767800	965	1-5	2007-10-31	Syringodium filiforme	80.0
6767915	965	1-5	2007-10-31	Syringodium filiforme	73.0
6768045	965	1-5	2007-10-31	Total seagrass	82.0
6768119	965	1-5	2007-10-31	Total seagrass	80.0
6768192	965	1-5	2007-10-31	Total seagrass	69.0
6768207	965	1-5	2007-10-31	Total seagrass	75.0
6771321	965	1-5	2007-10-31	Total seagrass	73.0
6789294	965	1-5	2007-10-31	Syringodium filiforme	69.0
6789309	965	1-5	2007-10-31	Syringodium filiforme	75.0
6789340	965	1-5	2007-10-31	Syringodium filiforme	82.0
6952835	965	1-5	2008-04-30	Total seagrass	90.0
6974047	965	1-5	2008-04-30	Syringodium filiforme	90.0
7312177	965	1-5	2009-04-30	Total seagrass	84.0
7350744	965	1-5	2009-04-30	Syringodium filiforme	84.0
6566397	965	1-5	2009-10-31	Total seagrass	90.0
6590357	965	1-5	2009-10-31	Total seagrass	75.0
6590458	965	1-5	2009-10-31	Syringodium filiforme	100.0
6590475	965	1-5	2009-10-31	Syringodium filiforme	90.0
6590942	965	1-5	2009-10-31	Syringodium filiforme	90.0
6591020	965	1-5	2009-10-31	Total seagrass	90.0
6591229	965	1-5	2009-10-31	Total seagrass	100.0
6591510	965	1-5	2009-10-31	Syringodium filiforme	75.0
6670710	965	1-5	2010-04-30	Total seagrass	70.0
6684160	965	1-5	2010-04-30	Syringodium filiforme	70.0
6794436	965	1-5	2010-10-31	Syringodium filiforme	105.0
6831701	965	1-5	2010-10-31	Total seagrass	105.0
7237089	965	1-5	2011-04-30	Syringodium filiforme	85.0
7253985	965	1-5	2011-04-30	Total seagrass	85.0
6584989	965	1-5	2011-10-31	Total seagrass	85.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6596205	965	1-5	2011-10-31	Total seagrass	72.0
6596789	965	1-5	2011-10-31	Syringodium filiforme	85.0
6596902	965	1-5	2011-10-31	Syringodium filiforme	72.0
6600421	965	1-5	2011-10-31	Total seagrass	80.0
6600886	965	1-5	2011-10-31	Thalassia testudinum	82.0
6602563	965	1-5	2011-10-31	Total seagrass	82.0
6604975	965	1-5	2011-10-31	Syringodium filiforme	80.0
7127634	965	1-6	2005-04-30	Syringodium filiforme	70.0
7136293	965	1-6	2005-04-30	Total seagrass	70.0
6923455	965	1-6	2005-10-31	Total seagrass	70.0
6925824	965	1-6	2005-10-31	Total seagrass	70.0
7195958	965	1-6	2005-10-31	Syringodium filiforme	70.0
7195959	965	1-6	2005-10-31	Syringodium filiforme	70.0
6802723	965	1-6	2007-04-30	Syringodium filiforme	82.0
6802745	965	1-6	2007-04-30	Syringodium filiforme	75.0
7165494	965	1-6	2007-04-30	Total seagrass	82.0
7166154	965	1-6	2007-04-30	Total seagrass	75.0
6956529	965	1-6	2008-04-30	Total seagrass	72.0
6956616	965	1-6	2008-04-30	Total seagrass	75.0
6958591	965	1-6	2008-04-30	Total seagrass	80.0
6960672	965	1-6	2008-04-30	Total seagrass	78.0
6973164	965	1-6	2008-04-30	Syringodium filiforme	72.0
6973377	965	1-6	2008-04-30	Syringodium filiforme	80.0
6973648	965	1-6	2008-04-30	Syringodium filiforme	75.0
6973651	965	1-6	2008-04-30	Syringodium filiforme	78.0
7244134	965	1-6	2011-04-30	Syringodium filiforme	80.0
7259822	965	1-6	2011-04-30	Total seagrass	80.0
6802664	965	1-7	2007-04-30	Syringodium filiforme	70.0
6817786	965	1-7	2007-04-30	Syringodium filiforme	70.0
6818031	965	1-7	2007-04-30	Syringodium filiforme	70.0
6818045	965	1-7	2007-04-30	Syringodium filiforme	75.0
7165483	965	1-7	2007-04-30	Total seagrass	75.0
7166161	965	1-7	2007-04-30	Total seagrass	70.0
7166388	965	1-7	2007-04-30	Total seagrass	70.0
7166390	965	1-7	2007-04-30	Total seagrass	70.0
6649177	965	1-7	2009-10-31	Syringodium filiforme	93.0
6651167	965	1-7	2009-10-31	Syringodium filiforme	89.0
6654880	965	1-7	2009-10-31	Total seagrass	89.0
6654882	965	1-7	2009-10-31	Total seagrass	93.0
6762308	965	1-7	2010-10-31	Syringodium filiforme	75.0
6796557	965	1-7	2010-10-31	Total seagrass	75.0
6799036	965	1-7	2010-10-31	Syringodium filiforme	70.0
6832556	965	1-7	2010-10-31	Total seagrass	70.0
6592186	965	1-7	2011-10-31	Syringodium filiforme	69.0
6604144	965	1-7	2011-10-31	Total seagrass	69.0
7190376	965	1-8	2005-10-31	Total seagrass	77.0
7190763	965	1-8	2005-10-31	Syringodium filiforme	77.0
6948193	965	1-8	2006-10-31	Total seagrass	90.0
6954581	965	1-8	2006-10-31	Total seagrass	75.0
6995378	965	1-8	2006-10-31	Syringodium filiforme	75.0
6995504	965	1-8	2006-10-31	Syringodium filiforme	90.0
6811324	965	1-8	2007-04-30	Syringodium filiforme	100.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6811393	965	1-8	2007-04-30	Syringodium filiforme	70.0
6811414	965	1-8	2007-04-30	Syringodium filiforme	85.0
6811518	965	1-8	2007-04-30	Syringodium filiforme	90.0
6811521	965	1-8	2007-04-30	Syringodium filiforme	100.0
7161416	965	1-8	2007-04-30	Total seagrass	90.0
7161441	965	1-8	2007-04-30	Total seagrass	85.0
7161480	965	1-8	2007-04-30	Total seagrass	70.0
7161493	965	1-8	2007-04-30	Total seagrass	100.0
7161562	965	1-8	2007-04-30	Total seagrass	100.0
6934337	965	1-8	2007-10-31	Total seagrass	83.0
6934338	965	1-8	2007-10-31	Total seagrass	88.0
6937015	965	1-8	2007-10-31	Total seagrass	87.0
6943990	965	1-8	2007-10-31	Syringodium filiforme	83.0
6944048	965	1-8	2007-10-31	Syringodium filiforme	90.0
6944109	965	1-8	2007-10-31	Syringodium filiforme	87.0
6944186	965	1-8	2007-10-31	Syringodium filiforme	88.0
6946329	965	1-8	2007-10-31	Total seagrass	90.0
6961229	965	1-8	2008-04-30	Total seagrass	83.0
6961336	965	1-8	2008-04-30	Total seagrass	71.0
6961338	965	1-8	2008-04-30	Total seagrass	90.0
6972908	965	1-8	2008-04-30	Syringodium filiforme	71.0
6972960	965	1-8	2008-04-30	Syringodium filiforme	83.0
6973712	965	1-8	2008-04-30	Syringodium filiforme	90.0
7001868	965	1-8	2008-04-30	Total seagrass	82.0
7005980	965	1-8	2008-04-30	Syringodium filiforme	88.0
7006350	965	1-8	2008-04-30	Syringodium filiforme	86.0
7006682	965	1-8	2008-04-30	Syringodium filiforme	82.0
7051176	965	1-8	2008-04-30	Total seagrass	88.0
7070414	965	1-8	2008-04-30	Total seagrass	86.0
6924582	965	1-8	2008-10-31	Syringodium filiforme	105.0
6924621	965	1-8	2008-10-31	Syringodium filiforme	80.0
6924634	965	1-8	2008-10-31	Syringodium filiforme	90.0
6927484	965	1-8	2008-10-31	Syringodium filiforme	90.0
7069456	965	1-8	2008-10-31	Total seagrass	80.0
7069484	965	1-8	2008-10-31	Total seagrass	90.0
7072662	965	1-8	2008-10-31	Syringodium filiforme	95.0
7072870	965	1-8	2008-10-31	Syringodium filiforme	85.0
7237223	965	1-8	2008-10-31	Total seagrass	105.0
7237258	965	1-8	2008-10-31	Total seagrass	90.0
7240580	965	1-8	2008-10-31	Total seagrass	85.0
7254582	965	1-8	2008-10-31	Total seagrass	95.0
6641142	965	1-8	2009-10-31	Syringodium filiforme	116.0
6641158	965	1-8	2009-10-31	Syringodium filiforme	93.0
6641436	965	1-8	2009-10-31	Total seagrass	69.0
6641487	965	1-8	2009-10-31	Total seagrass	93.0
6641684	965	1-8	2009-10-31	Total seagrass	91.0
6642426	965	1-8	2009-10-31	Total seagrass	121.0
6650034	965	1-8	2009-10-31	Syringodium filiforme	121.0
6650096	965	1-8	2009-10-31	Syringodium filiforme	69.0
6653040	965	1-8	2009-10-31	Total seagrass	116.0
6653504	965	1-8	2009-10-31	Syringodium filiforme	91.0
6660965	965	1-8	2010-04-30	Syringodium filiforme	70.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6660968	965	1-8	2010-04-30	Syringodium filiforme	73.0
6661138	965	1-8	2010-04-30	Syringodium filiforme	69.0
6676878	965	1-8	2010-04-30	Total seagrass	70.0
6679357	965	1-8	2010-04-30	Total seagrass	69.0
6679450	965	1-8	2010-04-30	Total seagrass	73.0
6720265	965	1-8	2010-10-31	Syringodium filiforme	80.0
6799371	965	1-8	2010-10-31	Total seagrass	80.0
7236797	965	1-8	2011-04-30	Total seagrass	77.0
7236844	965	1-8	2011-04-30	Syringodium filiforme	77.0
7327387	965	1-8	2011-04-30	Total seagrass	76.0
7327469	965	1-8	2011-04-30	Total seagrass	75.0
7331871	965	1-8	2011-04-30	Syringodium filiforme	76.0
7331979	965	1-8	2011-04-30	Syringodium filiforme	75.0
6586866	965	1-8	2011-10-31	Total seagrass	84.0
6586939	965	1-8	2011-10-31	Total seagrass	73.0
6606755	965	1-8	2011-10-31	Total seagrass	82.0
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6621251	965	1-8	2011-10-31	Total seagrass	72.0
6634063	965	1-8	2011-10-31	Syringodium filiforme	82.0
6638299	965	1-8	2011-10-31	Syringodium filiforme	84.0
6638556	965	1-8	2011-10-31	Syringodium filiforme	73.0
7118721	965	1-9	2005-04-30	Total seagrass	80.0
7131313	965	1-9	2005-04-30	Syringodium filiforme	80.0
7193870	965	1-9	2005-10-31	Syringodium filiforme	89.0
7193974	965	1-9	2005-10-31	Total seagrass	89.0
6811327	965	1-9	2007-04-30	Syringodium filiforme	90.0
6811502	965	1-9	2007-04-30	Syringodium filiforme	95.0
6811740	965	1-9	2007-04-30	Syringodium filiforme	90.0
6897502	965	1-9	2007-04-30	Syringodium filiforme	95.0
6900757	965	1-9	2007-04-30	Syringodium filiforme	100.0
6975908	965	1-9	2007-04-30	Total seagrass	100.0
6978681	965	1-9	2007-04-30	Total seagrass	105.0
7003829	965	1-9	2007-04-30	Syringodium filiforme	105.0
7142685	965	1-9	2007-04-30	Total seagrass	95.0
7161457	965	1-9	2007-04-30	Total seagrass	90.0
7161497	965	1-9	2007-04-30	Total seagrass	95.0
7161534	965	1-9	2007-04-30	Total seagrass	90.0
6845761	965	1-9	2007-10-31	Syringodium filiforme	130.0
6845781	965	1-9	2007-10-31	Syringodium filiforme	129.0
6936565	965	1-9	2007-10-31	Total seagrass	130.0
6957330	965	1-9	2007-10-31	Total seagrass	98.0
6957331	965	1-9	2007-10-31	Total seagrass	80.0
6957358	965	1-9	2007-10-31	Total seagrass	115.0
6957380	965	1-9	2007-10-31	Total seagrass	129.0
6957423	965	1-9	2007-10-31	Total seagrass	125.0
7103001	965	1-9	2007-10-31	Syringodium filiforme	80.0
7103028	965	1-9	2007-10-31	Syringodium filiforme	98.0
7103035	965	1-9	2007-10-31	Syringodium filiforme	125.0
7103805	965	1-9	2007-10-31	Syringodium filiforme	115.0
7339529	965	1-9	2009-04-30	Total seagrass	102.0
7339623	965	1-9	2009-04-30	Total seagrass	74.0
7339640	965	1-9	2009-04-30	Total seagrass	72.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
7352672	965	1-9	2009-04-30	Syringodium filiforme	74.0
7353148	965	1-9	2009-04-30	Syringodium filiforme	101.0
7353194	965	1-9	2009-04-30	Syringodium filiforme	102.0
7353230	965	1-9	2009-04-30	Syringodium filiforme	72.0
7353240	965	1-9	2009-04-30	Syringodium filiforme	111.0
7462163	965	1-9	2009-04-30	Total seagrass	101.0
7463001	965	1-9	2009-04-30	Total seagrass	111.0
6643114	965	1-9	2009-10-31	Syringodium filiforme	102.0
6643224	965	1-9	2009-10-31	Syringodium filiforme	100.0
6643300	965	1-9	2009-10-31	Syringodium filiforme	97.0
6644217	965	1-9	2009-10-31	Syringodium filiforme	107.0
6644219	965	1-9	2009-10-31	Syringodium filiforme	111.0
6644221	965	1-9	2009-10-31	Syringodium filiforme	109.0
6653999	965	1-9	2009-10-31	Total seagrass	102.0
6654027	965	1-9	2009-10-31	Total seagrass	97.0
6692112	965	1-9	2009-10-31	Total seagrass	107.0
6692156	965	1-9	2009-10-31	Total seagrass	111.0
6692157	965	1-9	2009-10-31	Total seagrass	109.0
6692258	965	1-9	2009-10-31	Total seagrass	100.0
6658179	965	1-9	2010-04-30	Syringodium filiforme	85.0
6677910	965	1-9	2010-04-30	Syringodium filiforme	70.0
6717670	965	1-9	2010-04-30	Total seagrass	85.0
6718090	965	1-9	2010-04-30	Total seagrass	70.0
6718350	965	1-9	2010-04-30	Syringodium filiforme	74.0
6730237	965	1-9	2010-04-30	Total seagrass	74.0
6777620	965	1-9	2010-10-31	Total seagrass	70.0
6777808	965	1-9	2010-10-31	Total seagrass	76.0
6794094	965	1-9	2010-10-31	Total seagrass	93.0
6818565	965	1-9	2010-10-31	Syringodium filiforme	102.0
6840176	965	1-9	2010-10-31	Syringodium filiforme	93.0
6840332	965	1-9	2010-10-31	Syringodium filiforme	76.0
6841626	965	1-9	2010-10-31	Total seagrass	84.0
6875018	965	1-9	2010-10-31	Syringodium filiforme	70.0
6876014	965	1-9	2010-10-31	Syringodium filiforme	84.0
7002227	965	1-9	2010-10-31	Total seagrass	102.0
7228340	965	1-9	2011-04-30	Syringodium filiforme	75.0
7230755	965	1-9	2011-04-30	Total seagrass	75.0
6587128	965	1-9	2011-10-31	Total seagrass	84.0
6589256	965	1-9	2011-10-31	Total seagrass	92.0
6591845	965	1-9	2011-10-31	Total seagrass	103.0
6591872	965	1-9	2011-10-31	Total seagrass	123.0
6605577	965	1-9	2011-10-31	Syringodium filiforme	92.0
6610336	965	1-9	2011-10-31	Syringodium filiforme	123.0
6610352	965	1-9	2011-10-31	Syringodium filiforme	103.0
6652696	965	1-9	2011-10-31	Syringodium filiforme	84.0
6687620	965	2-1	2010-04-30	Total seagrass	70.0
6687714	965	2-1	2010-04-30	Total seagrass	69.0
6704755	965	2-1	2010-04-30	Syringodium filiforme	69.0
6732269	965	2-1	2010-04-30	Total seagrass	77.0
6763684	965	2-1	2010-04-30	Syringodium filiforme	77.0
6763691	965	2-1	2010-04-30	Syringodium filiforme	70.0
6565076	965	2-1	2011-10-31	Syringodium filiforme	75.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6567427	965	2-1	2011-10-31	Total seagrass	75.0
6567470	965	2-1	2011-10-31	Total seagrass	70.0
6589230	965	2-1	2011-10-31	Total seagrass	75.0
6597503	965	2-1	2011-10-31	Syringodium filiforme	75.0
6597627	965	2-1	2011-10-31	Syringodium filiforme	70.0
6809840	965	2-10	2006-10-31	Syringodium filiforme	70.0
6813396	965	2-10	2006-10-31	Total seagrass	70.0
7400324	965	2-10	2008-04-30	Total seagrass	71.0
7400896	965	2-10	2008-04-30	Total seagrass	80.0
7409901	965	2-10	2008-04-30	Syringodium filiforme	80.0
7410176	965	2-10	2008-04-30	Syringodium filiforme	71.0
6720716	965	2-10	2010-04-30	Syringodium filiforme	77.0
6720821	965	2-10	2010-04-30	Syringodium filiforme	79.0
6724080	965	2-10	2010-04-30	Syringodium filiforme	71.0
6778518	965	2-10	2010-04-30	Total seagrass	79.0
6778549	965	2-10	2010-04-30	Total seagrass	77.0
6779257	965	2-10	2010-04-30	Total seagrass	71.0
7198396	965	2-13	2005-10-31	Syringodium filiforme	102.0
7198542	965	2-13	2005-10-31	Syringodium filiforme	96.0
7199329	965	2-13	2005-10-31	Syringodium filiforme	103.0
7217849	965	2-13	2005-10-31	Total seagrass	102.0
7217850	965	2-13	2005-10-31	Total seagrass	96.0
7217973	965	2-13	2005-10-31	Total seagrass	103.0
6884091	965	2-13	2006-04-30	Total seagrass	95.0
6899663	965	2-13	2006-04-30	Total seagrass	75.0
6938437	965	2-13	2006-04-30	Syringodium filiforme	95.0
6939192	965	2-13	2006-04-30	Syringodium filiforme	75.0
6831345	965	2-13	2010-04-30	Syringodium filiforme	97.0
6831388	965	2-13	2010-04-30	Syringodium filiforme	91.0
6831419	965	2-13	2010-04-30	Syringodium filiforme	101.0
6831444	965	2-13	2010-04-30	Syringodium filiforme	88.0
6832134	965	2-13	2010-04-30	Syringodium filiforme	89.0
6839466	965	2-13	2010-04-30	Total seagrass	88.0
6839508	965	2-13	2010-04-30	Total seagrass	94.0
6840278	965	2-13	2010-04-30	Syringodium filiforme	94.0
6959654	965	2-13	2010-04-30	Total seagrass	89.0
6959655	965	2-13	2010-04-30	Total seagrass	91.0
6959692	965	2-13	2010-04-30	Total seagrass	97.0
6960627	965	2-13	2010-04-30	Total seagrass	101.0
6770389	965	2-13	2010-10-31	Syringodium filiforme	93.0
6770429	965	2-13	2010-10-31	Syringodium filiforme	103.0
6776376	965	2-13	2010-10-31	Syringodium filiforme	85.0
6776450	965	2-13	2010-10-31	Syringodium filiforme	120.0
6780860	965	2-13	2010-10-31	Total seagrass	103.0
6780929	965	2-13	2010-10-31	Total seagrass	93.0
6781143	965	2-13	2010-10-31	Total seagrass	85.0
7060829	965	2-13	2010-10-31	Total seagrass	120.0
7074213	965	2-13	2010-10-31	Total seagrass	105.0
7094257	965	2-13	2010-10-31	Syringodium filiforme	105.0
7294825	965	2-13	2011-04-30	Total seagrass	90.0
7429935	965	2-13	2011-04-30	Total seagrass	85.0
7430089	965	2-13	2011-04-30	Total seagrass	80.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
7430234	965	2-13	2011-04-30	Total seagrass	75.0
7438334	965	2-13	2011-04-30	Syringodium filiforme	85.0
7438389	965	2-13	2011-04-30	Syringodium filiforme	80.0
7438442	965	2-13	2011-04-30	Syringodium filiforme	75.0
7439292	965	2-13	2011-04-30	Syringodium filiforme	90.0
7466634	965	2-13	2011-04-30	Total seagrass	72.0
7524730	965	2-13	2011-04-30	Syringodium filiforme	72.0
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6762883	965	2-14	2006-10-31	Total seagrass	85.0
6784941	965	2-14	2006-10-31	Total seagrass	71.5
6812137	965	2-14	2006-10-31	Syringodium filiforme	72.0
6812190	965	2-14	2006-10-31	Syringodium filiforme	85.0
7175918	965	2-14	2006-10-31	Thalassia testudinum	71.0
6556345	965	2-15	2009-10-31	Syringodium filiforme	69.0
6565623	965	2-15	2009-10-31	Total seagrass	70.5
6566009	965	2-15	2009-10-31	Total seagrass	72.0
6566616	965	2-15	2009-10-31	Thalassia testudinum	72.0
6810427	965	2-17	2006-10-31	Syringodium filiforme	70.0
6810838	965	2-17	2006-10-31	Syringodium filiforme	70.0
6890664	965	2-17	2006-10-31	Total seagrass	70.0
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7150268	965	2-17	2008-10-31	Syringodium filiforme	82.0
7150271	965	2-17	2008-10-31	Syringodium filiforme	91.0
7150303	965	2-17	2008-10-31	Syringodium filiforme	84.0
7151085	965	2-17	2008-10-31	Syringodium filiforme	71.0
7156064	965	2-17	2008-10-31	Total seagrass	71.0
7156186	965	2-17	2008-10-31	Total seagrass	82.0
7267101	965	2-17	2008-10-31	Total seagrass	70.0
7267762	965	2-17	2008-10-31	Total seagrass	91.0
7267814	965	2-17	2008-10-31	Total seagrass	84.0
7444904	965	2-17	2009-04-30	Syringodium filiforme	76.0
7524429	965	2-17	2009-04-30	Total seagrass	76.0
6582190	965	2-17	2011-10-31	Total seagrass	70.0
6590650	965	2-17	2011-10-31	Syringodium filiforme	70.0
6590775	965	2-17	2011-10-31	Syringodium filiforme	70.0
6591099	965	2-17	2011-10-31	Total seagrass	70.0
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6591635	965	2-17	2011-10-31	Total seagrass	70.0
6592346	965	2-17	2011-10-31	Thalassia testudinum	70.0
6599016	965	2-17	2011-10-31	Syringodium filiforme	70.0
7146423	965	2-18	2008-04-30	Syringodium filiforme	72.0
7399928	965	2-18	2008-04-30	Total seagrass	72.0
6755931	965	2-18	2010-04-30	Total seagrass	74.0
6760775	965	2-18	2010-04-30	Syringodium filiforme	74.0
6760783	965	2-18	2010-04-30	Syringodium filiforme	74.0
6770234	965	2-18	2010-04-30	Total seagrass	74.0
6813449	965	2-18	2010-04-30	Total seagrass	71.0
6831601	965	2-18	2010-04-30	Syringodium filiforme	69.0
6832044	965	2-18	2010-04-30	Syringodium filiforme	71.0
6840251	965	2-18	2010-04-30	Total seagrass	69.0
7113865	965	2-2	2008-10-31	Syringodium filiforme	91.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
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7113898	965	2-2	2008-10-31	Syringodium filiforme	73.0
7113904	965	2-2	2008-10-31	Syringodium filiforme	97.0
7164261	965	2-2	2008-10-31	Syringodium filiforme	71.0
7180114	965	2-2	2008-10-31	Total seagrass	71.0
7244664	965	2-2	2008-10-31	Total seagrass	73.0
7244668	965	2-2	2008-10-31	Total seagrass	97.0
7244683	965	2-2	2008-10-31	Total seagrass	91.0
7247631	965	2-2	2008-10-31	Total seagrass	99.0
6586966	965	2-2	2011-10-31	Syringodium filiforme	75.0
6590611	965	2-2	2011-10-31	Total seagrass	75.0
6594320	965	2-2	2011-10-31	Total seagrass	69.0
6657200	965	2-2	2011-10-31	Syringodium filiforme	69.0
7236511	965	2-20	2011-04-30	Total seagrass	70.0
7248976	965	2-20	2011-04-30	Syringodium filiforme	70.0
6904206	965	2-21	2007-10-31	Total seagrass	72.0
6980137	965	2-21	2007-10-31	Syringodium filiforme	72.0
6586232	965	2-23	2011-10-31	Total seagrass	69.0
6587660	965	2-23	2011-10-31	Syringodium filiforme	69.0
7363171	965	2-24	2009-04-30	Total seagrass	73.0
7381344	965	2-24	2009-04-30	Syringodium filiforme	73.0
6599255	965	2-24	2011-10-31	Total seagrass	70.0
6633430	965	2-24	2011-10-31	Syringodium filiforme	70.0
6977652	965	2-29	2005-04-30	Total seagrass	75.0
7031640	965	2-29	2005-04-30	Syringodium filiforme	75.0
6736961	965	2-3	2010-04-30	Syringodium filiforme	73.0
6805748	965	2-3	2010-04-30	Syringodium filiforme	69.0
6819550	965	2-3	2010-04-30	Total seagrass	73.0
6820851	965	2-3	2010-04-30	Total seagrass	69.0
6624538	965	2-3	2011-10-31	Total seagrass	85.0
6625922	965	2-3	2011-10-31	Total seagrass	81.0
6654196	965	2-3	2011-10-31	Syringodium filiforme	85.0
6654311	965	2-3	2011-10-31	Syringodium filiforme	81.0
6770130	965	2-7	2010-04-30	Total seagrass	91.0
6770231	965	2-7	2010-04-30	Total seagrass	77.0
6812855	965	2-7	2010-04-30	Syringodium filiforme	77.0
6816524	965	2-7	2010-04-30	Syringodium filiforme	91.0
6806877	965	2-8	2010-04-30	Total seagrass	84.0
6813851	965	2-8	2010-04-30	Syringodium filiforme	84.0
6635864	965	2-8	2011-10-31	Syringodium filiforme	70.0
6647075	965	2-8	2011-10-31	Total seagrass	70.0
6663032	965	2-8	2011-10-31	Total seagrass	72.0
6691015	965	2-8	2011-10-31	Syringodium filiforme	72.0
6724115	965	2-9	2010-04-30	Syringodium filiforme	82.0
6741256	965	2-9	2010-04-30	Syringodium filiforme	76.0
6741300	965	2-9	2010-04-30	Syringodium filiforme	71.0
6756437	965	2-9	2010-04-30	Total seagrass	71.0
6756488	965	2-9	2010-04-30	Total seagrass	82.0
6756537	965	2-9	2010-04-30	Total seagrass	76.0
6677935	965	2-9	2011-10-31	Total seagrass	86.0
6678070	965	2-9	2011-10-31	Total seagrass	71.0
6700799	965	2-9	2011-10-31	Syringodium filiforme	86.0

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
6700828	965	2-9	2011-10-31	Syringodium filiforme	71.0
6977476	965	5-1	2007-10-31	Total seagrass	75.0
6997918	965	5-1	2007-10-31	Syringodium filiforme	75.0
7122444	965	5-3	2010-10-31	Thalassia testudinum	69.0
7125946	965	5-3	2010-10-31	Thalassia testudinum	71.0
7159438	965	5-3	2010-10-31	Total seagrass	69.0
7159443	965	5-3	2010-10-31	Total seagrass	71.0
6868396	965	5-4	2005-10-31	Syringodium filiforme	71.0
6868546	965	5-4	2005-10-31	Syringodium filiforme	70.0
6869579	965	5-4	2005-10-31	Syringodium filiforme	74.0
7131056	965	5-4	2005-10-31	Total seagrass	71.0
7131058	965	5-4	2005-10-31	Total seagrass	74.0
7131286	965	5-4	2005-10-31	Total seagrass	70.0
7123841	965	5-9	2010-10-31	Total seagrass	74.0
7127862	965	5-9	2010-10-31	Syringodium filiforme	74.0
6571130	965	5-9	2011-10-31	Total seagrass	72.5
6594368	965	5-9	2011-10-31	Thalassia testudinum	72.0
6595077	965	5-9	2011-10-31	Thalassia testudinum	80.0
6597224	965	5-9	2011-10-31	Thalassia testudinum	75.0
6608211	965	5-9	2011-10-31	Total seagrass	80.0
6608214	965	5-9	2011-10-31	Total seagrass	75.0
6608303	965	5-9	2011-10-31	Total seagrass	72.0
7064407	965	7-30	2005-04-30	Thalassia testudinum	90.0
7082470	965	7-30	2005-04-30	Total seagrass	90.0

Programs containing flagged data:

965 - South Florida Seagrass Fish and Invertebrate Assessment Network

Modified Braun Blanquet Score

Table 5: Flagged Values - High Indicator Quantile: **5**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
92190	559	KB06-2016	2016-06-30	Laurencia spp.	5.3

Programs containing flagged data:

559 - Northern Big Bend Seagrass Monitoring

Percent Cover

Table 6: Flagged Values - High Indicator Quantile: **100**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
1078687	564	W1-06-12	2012-09-26	Total SAV	105
48282	564	W1-12-11	2011-10-05	Total SAV	105
40365	564	W1-16-17	2017-10-06	Total SAV	101
45193	564	W1-17-11	2011-09-30	Total SAV	105
45691	564	W1-18-14	2014-10-10	Total SAV	101
42650	564	W1-22-19	2019-11-10	Total SAV	150
42752	564	W1-22-19	2019-11-10	Total SAV	104
51898	564	W1-23-11	2011-10-03	Total SAV	101
44674	564	W1-24-11	2011-10-05	Total SAV	105
49149	564	W1-25-15	2015-10-02	Total SAV	105
1078225	564	W1-26-12	2012-09-26	Total SAV	101
45021	564	W1-27-11	2011-10-04	Total SAV	101
48879	564	W1-27-11	2011-10-04	Total SAV	140
50811	564	W1-27-16	2016-09-30	Drift algae	590
33294	564	W1-28-12	2012-09-26	Total SAV	105
1078227	564	W1-28-12	2012-09-26	Total SAV	105
44697	564	W1-28-19	2019-12-31	Total SAV	101
32418	564	W1-31-15	2015-10-07	Total SAV	110
34200	564	W1-31-15	2015-10-07	Total SAV	110
36677	564	W1-31-15	2015-10-07	Total SAV	110
39640	564	W1-31-19	2019-12-31	Total SAV	180
48407	564	W1-34-15	2015-10-02	Total SAV	125
39999	564	W1-35-19	2019-12-31	Total SAV	105
43908	564	W1-35-19	2019-12-31	Total SAV	105
44151	564	W1-35-19	2019-12-31	Total SAV	110
44249	564	W1-35-19	2019-12-31	Total SAV	105
44285	564	W1-35-19	2019-12-31	Total SAV	110
45105	564	W1-35-19	2019-12-31	Total SAV	105
39012	564	W1-40-19	2019-12-31	Total SAV	120
43037	564	W2-01-12	2012-09-14	Total SAV	105
50162	564	W2-04-11	2011-09-29	Total SAV	120
36022	564	W2-04-12	2012-09-13	Total SAV	140
38184	564	W2-04-15	2015-10-21	Total SAV	120
42798	564	W2-2-19	2019-03-10	Total SAV	130
44654	564	W2-2-19	2019-03-10	Total SAV	110
37059	564	W2-5-19	2019-12-31	Total SAV	120
41431	564	W2-5-19	2019-12-31	Total SAV	180
41262	564	W2-9-19	2019-03-10	Total SAV	122
38543	564	W2-ALT-01-17	2017-09-29	Total SAV	105
34151	564	W3-03-15	2015-10-05	Total SAV	110
34318	564	W3-03-15	2015-10-05	Total SAV	135
48171	564	W3-03-15	2015-10-05	Total SAV	115
48519	564	W3-03-15	2015-10-05	Total SAV	125
48589	564	W3-03-15	2015-10-05	Total SAV	106

Programs containing flagged data:

564 - Western Pinellas County Seagrass Monitoring

Shoot Count

Table 7: Flagged Values - High Indicator Quantile: **6800**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
45312	564	W1-10-17	2017-10-11 00:00:00	Halodule wrightii	7970.00
687857	565	S3T1	2003-11-05 14:55:00	Syringodium filiforme	9200.00
686828	565	S3T1	2004-10-28 14:20:00	Syringodium filiforme	7233.00
687782	565	S3T1	2004-10-28 14:59:00	Syringodium filiforme	7400.00
685828	565	S3T7	2003-11-06 11:07:00	Halodule wrightii	7733.00
683888	565	S3T7	2004-11-01 11:20:00	Halodule wrightii	10333.00
688738	565	S3T7	2011-10-17 15:34:00	Syringodium filiforme	7966.70
688894	565	S3T7	2011-10-17 15:38:00	Syringodium filiforme	7000.00
686547	565	S3T7	2022-08-16 15:12:00	Syringodium filiforme	7200.00
688651	565	S3T8	2010-10-11 15:31:00	Halodule wrightii	8267.00
674990	565	S5T6	2006-10-03 15:34:00	Halodule wrightii	6833.00
80431	570	GAS01	2011-08-08 00:00:00	Halodule wrightii	7960.00
82497	570	GAS01	2012-10-12 00:00:00	Halodule wrightii	7500.00
103862	570	GAS01	2013-09-05 00:00:00	Halodule wrightii	7020.00
68175	570	GAS01	2015-09-04 00:00:00	Halodule wrightii	7380.00
96367	570	GAS03	2010-08-03 00:00:00	Halodule wrightii	7520.00
90373	570	GAS03	2011-09-16 00:00:00	Halodule wrightii	7980.00
92290	570	GAS03	2012-09-07 00:00:00	Halodule wrightii	7460.00
104307	570	GAS03	2013-09-12 00:00:00	Halodule wrightii	11580.00
104406	570	GAS03	2014-08-20 00:00:00	Halodule wrightii	11780.00
104543	570	GAS03	2015-09-23 00:00:00	Halodule wrightii	10440.00
101604	570	ICW02	2014-08-11 00:00:00	Halodule wrightii	8780.00
54959	570	MC02	2016-09-09 00:00:00	Halodule wrightii	7020.00
102564	570	MC07	2013-09-06 00:00:00	Halodule wrightii	8186.67
103149	570	PIS07	2009-08-25 00:00:00	Halodule wrightii	8020.00
68899	570	SC01	2013-09-10 00:00:00	Halodule wrightii	9140.00
2176327	3013	IRLSG041	2010-06-01 09:15:00	Halodule wrightii	7550.00
2344633	3015	PISCntrl_1	2013-08-28 00:00:00	Halodule wrightii	7900.00
2331561	3015	PISCntrl_1	2018-09-17 00:00:00	Halodule wrightii	8100.00
2330640	3015	PISCntrl_1	2019-07-25 00:00:00	Halodule wrightii	21400.00
2325491	3015	PISCntrl_1	2020-06-17 00:00:00	Halodule wrightii	8900.00
2325256	3015	PISCntrl_1	2020-09-24 00:00:00	Halodule wrightii	9200.00
2323770	3015	PISCntrl_1	2021-06-29 00:00:00	Halodule wrightii	7200.00
2326006	3015	PISCntrl_2	2014-07-30 00:00:00	Halodule wrightii	7550.00
2329313	3015	PISCntrl_2	2014-09-29 00:00:00	Halodule wrightii	7700.00
2329492	3015	PISCntrl_2	2019-07-25 00:00:00	Halodule wrightii	12500.00
2336642	3015	PISCntrl_2	2020-09-24 00:00:00	Halodule wrightii	7000.00
2369243	3017	SB	2017-06-23 00:00:00	Halodule wrightii	9075.00
2373037	3017	SB	2017-06-23 00:00:00	Halodule wrightii	7150.00
2397967	4018	BH29	1995-06-08 00:00:00	Halodule wrightii	10525.00

Programs containing flagged data:

564 - Western Pinellas County Seagrass Monitoring

565 - Tampa Bay Seagrass Monitoring

570 - Charlotte Harbor Seagrass Monitoring

3013 - Seagrass (SJRWMD)

3015 - SCCF Seagrass Surveys

3017 - Loxahatchee River District Bi-Monthly Seagrass Monitoring
4018 - Miami-Dade County DERM Benthic Habitat Monitoring Program

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

Percent Occurrence

Table 8: Flagged Values - High Indicator Quantile: **100**

RowID	ProgramID	ProgramLocationID	SampleDate	CommonIdentifier	ResultValue
2662755	3013	IRLSG045	2021-08-12 09:15:00	Total seagrass	139
2663958	3013	IRLSG045	2021-08-12 09:15:00	Total seagrass	161

Programs containing flagged data:

3013 - Seagrass (SJRWMD)

QAQC Quantile Flag Check

- n_high is the amount of data above the quantile value.
- n_high_flagged is the amount of data above the quantile value AND containing proper SEACAR-QAQCFlag of 17Q (ResultValue above quantile value).
- n_low is the amount of data below the quantile value.
- n_low_flagged is the amount of data below the quantile value AND containing proper SEACAR-QAQCFlag of 16Q (ResultValue below quantile value).
- If everything is in order, these values should be the same. Any discrepancies therein should be fastidiously noted.

ParameterName	n high	n high flagged	n low	n low flagged
Braun Blanquet Score	1109	1109	1	1
Modified Braun Blanquet Score	1	1	28	28
Percent Cover	44	44	0	0
Shoot Count	40	40	0	0
Percent Occurrence	2	2	0	0

Expected Values Check

Attempts to uncover irregularities with regard to Braun Blanquet and Modified Braun Blanquet Scores. Highlights any values that are not $(0, 0.1, 0.5, 1, 2, 3, 4, 5)$ and compares them with the intended SEACAR_QAQCFlagCode of **15Q** - *Unexpected Value: Outside expected parameter values*

- n is the amount of entries containing unexpected values
- n *flagged* is the amount of entries containing the intended SEACAR_QAQCFlagCode of **15Q**

ParameterName	n	n flagged
Braun Blanquet Score	32427	32427
Modified Braun Blanquet Score	345	345

Braun Blanquet Score

ProgramID	ProgramName	n data
296	Florida Keys National Marine Sanctuary Seagrass Monitoring Project	6221
965	South Florida Seagrass Fish and Invertebrate Assessment Network	25533
4018	Miami-Dade County DERM Benthic Habitat Monitoring Program	669
5027	North Biscayne Bay Seagrass Loss Monitoring Program	4

Modified Braun Blanquet Score

ProgramID	ProgramName	n data
559	Northern Big Bend Seagrass Monitoring	345