

Water Column Indicator Quantile Report

SEACAR Analysis

Last compiled on 24 January, 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**

Potential Included Indicators and Parameters:

Discrete

Indicator: Nutrients

- Ammonia- Un-ionized (NH₃)
- NH₄ Filtered
- Nitrate (N)
- Nitrite (N)
- Nitrogen, organic
- NO₂+3 Filtered
- PO₄ Filtered
- Total Kjeldahl Nitrogen TKN
- Total Nitrogen (All)
- Total Nitrogen (No calc)
- Total Phosphorus

Indicator: Water Clarity

- Chlorophyll a corrected for pheophytin
- Chlorophyll a uncorrected for pheophytin
- Colored dissolved organic matter, CDOM
- Light Extinction Coefficient
- Secchi Depth
- Total Suspended Solids, TSS
- Turbidity

Indicator: Water Quality

- Dissolved Oxygen
- Dissolved Oxygen Saturation
- pH
- Salinity
- Specific Conductivity
- Water Temperature

The data files used for the analysis:

Discrete

Indicator: *Nutrients*

- Combined_WQ_WC_NUT_Ammonia_Un-ionized_NH3-2024-Jan-10.txt

- Combined_WQ_WC_NUT_NH4_Filtered-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Nitrate_N-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Nitrite_N-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Nitrogen_organic-2024-Jan-10.txt
- Combined_WQ_WC_NUT_NO2_3_Filtered-2024-Jan-10.txt
- Combined_WQ_WC_NUT_PO4_Filtered-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Total_Kjeldahl_Nitrogen_TKN-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Total_Nitrogen-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Total_Phosphorus-2024-Jan-10.txt

Indicator: *Water Clarity*

- Combined_WQ_WC_NUT_Chlorophyll_a_corrected_for_pheophytin-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Chlorophyll_a_uncorrected_for_pheophytin-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Colored_dissolved_organic_matter_CDOM-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Light_Exinction_Coefficient-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Secchi_Depth-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Total_Suspended_Solids_TSS-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Turbidity-2024-Jan-10.txt

Indicator: *Water Quality*

- Combined_WQ_WC_NUT_Dissolved_Oxygen-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Dissolved_Oxygen_Saturation-2024-Jan-10.txt
- Combined_WQ_WC_NUT_pH-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Salinity-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Specific_Conductivity-2024-Jan-10.txt
- Combined_WQ_WC_NUT_Water_Temperature-2024-Jan-10.txt

Summary Tables

Discrete

Indicator: **Nutrients**

Table 1: Indicator Quantile Overview

Parameter	q_low	q_high	mean	n_tot	n_q_low	n_q_high	%_flagged
Ammonia- Un-ionized (NH3)	0.00	0.48	0.03	523	1	1	0.38
NH4 Filtered	-0.03	5.73	0.09	120186	121	121	0.20
NO2+3 Filtered	0.00	3.24	0.05	132587	133	133	0.20
Nitrate (N)	0.00	0.79	0.02	19483	0	20	0.10
Nitrite (N)	0.00	0.07	0.00	28871	0	28	0.10
Nitrogen, organic	0.03	2.70	0.57	7121	6	7	0.18
PO4 Filtered	-0.01	0.77	0.04	57462	53	58	0.19
Total Kjeldahl Nitrogen TKN	0.00	5.22	5.70	90749	23	91	0.13
Total Nitrogen (All)	0.00	4.25	0.49	124070	120	125	0.20
Total Nitrogen (No calc)	0.00	2.66	0.35	79388	50	80	0.16
Total Phosphorus	0.00	0.74	0.18	133960	102	134	0.18

Indicator: **Water Clarity**

Table 2: Indicator Quantile Overview

Parameter	q_low	q_high	mean	n_tot	n_q_low	n_q_high	%_flagged
Chlorophyll a corrected for pheophytin	0	112.00	6.27	41240	26	41	0.16
Chlorophyll a uncorrected for pheophytin	0	119.61	17.63	77234	26	78	0.13
Colored dissolved organic matter, CDOM	0	718.17	26.09	21184	0	22	0.10
Light Extinction Coefficient	0	7.94	0.56	15547	13	16	0.19
Secchi Depth	0	15.20	1.32	279196	0	274	0.10
Total Suspended Solids, TSS	0	185.78	14.36	69129	20	70	0.13
Turbidity	0	127.00	5.10	287544	67	287	0.12

Indicator: **Water Quality**

Table 3: Indicator Quantile Overview

Parameter	q_low	q_high	mean	n_tot	n_q_low	n_q_high	%_flagged
Dissolved Oxygen	0.22	14.30	6.52	758329	734	755	0.20
Dissolved Oxygen Saturation	0.31	177.32	73.44	137947	138	138	0.20
Salinity	0.00	41.10	24.69	758020	2	741	0.10
Specific Conductivity	0.00	60.70	14.59	389724	0	390	0.10
Water Temperature	2.08	33.89	24.29	809837	804	808	0.20
pH	0.79	9.31	7.92	594250	478	594	0.18

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 .

Excluded Programs

The following programs are excluded from viewing in the tables below:

- *5002*
- *103*
- *514*

Low Quantile

Indicator: Nutrients

Ammonia- Un-ionized (NH3)

Table 4: Flagged Values - Low Indicator Quantile: **0.00304**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5080365	5028	MP3C	2020-06-11	0

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

NH4 Filtered

Table 5: Flagged Values - Low Indicator Quantile: **-0.02564**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

There are no *Low* Quantile Flagged Values for Nitrate (N)

There are no *Low* Quantile Flagged Values for Nitrite (N)

Nitrogen, organic

Table 6: Flagged Values - Low Indicator Quantile: **0.029**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

NO2+3 Filtered

Table 7: Flagged Values - Low Indicator Quantile: **-0.00244**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

PO4 Filtered

Table 8: Flagged Values - Low Indicator Quantile: **-0.007**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

Total Kjeldahl Nitrogen TKN

Table 9: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

Total Nitrogen (All)

Table 10: Flagged Values - Low Indicator Quantile: **7e-05**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3385347	297	225	2014-04-25	0
2549973	513	STORET_CHNEPCHE-134	2002-02-25	0
2549991	513	STORET_CHNEPCHE-134	2002-02-25	0
2554028	513	STORET_CHNEPCHE-80	2002-02-25	0
2549549	513	STORET_CHNEPCHE-80	2002-02-25	0
2549688	513	STORET_CHNEPCHE-82	2002-02-25	0
2550985	513	STORET_CHNEPCHE-93	2002-06-04	0
2554799	513	STORET_CHNEPCHE-94	2002-02-25	0
2550989	513	STORET_CHNEPCHP-113	2002-01-29	0
2550051	513	STORET_CHNEPCHP-114	2001-10-03	0
2550862	513	STORET_CHNEPCHP-114	2002-02-21	0
2552646	513	STORET_CHNEPCHP-115	2001-10-03	0
2551113	513	STORET_CHNEPCHP-116	2002-02-21	0
2550900	513	STORET_CHNEPCHP-128	2002-01-29	0
2549120	513	STORET_CHNEPCHP-129	2002-02-21	0
2548854	513	STORET_CHNEPCHP-130	2002-02-21	0
2549832	513	STORET_CHNEPCHP-99	2001-10-03	0
2552808	513	STORET_CHNEPCHW-54	2002-02-26	0
3600752	513	STORET_CHNEPCHW-61	2003-11-05	0
3603142	513	STORET_CHNEPCHW-61	2003-11-05	0
2548865	513	STORET_CHNEPCHW-65	2002-02-25	0
2553892	513	STORET_CHNEPCHW-72	2002-06-04	0
2552831	513	STORET_CHNEPCHW-78	2002-01-29	0
2552832	513	STORET_CHNEPCHW-78	2002-02-25	0
2553553	513	STORET_CHNEPCHW-90	2002-02-25	0
2552889	513	STORET_CHNEPLL-517	2002-02-19	0
2551257	513	STORET_CHNEPLL-520	2004-06-24	0
2553558	513	STORET_CHNEPLL-523	2002-02-19	0
2550280	513	STORET_CHNEPLL-531	2004-06-24	0
2550677	513	STORET_CHNEPLL-85	2001-10-03	0
2553564	513	STORET_CHNEPLL-85	2004-06-24	0

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

513 - Coastal Charlotte Harbor Monitoring Network

514 - Florida LAKEWATCH Program

5002 - Florida STORET / WIN

Total Nitrogen (No calc)

Table 11: Flagged Values - Low Indicator Quantile: **6e-05**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3385347	297	225	2014-04-25	0
2550051	513	STORET_CHNEPCHP-114	2001-10-03	0
2552646	513	STORET_CHNEPCHP-115	2001-10-03	0
2549832	513	STORET_CHNEPCHP-99	2001-10-03	0
3600752	513	STORET_CHNEPCHW-61	2003-11-05	0
3603142	513	STORET_CHNEPCHW-61	2003-11-05	0
2551257	513	STORET_CHNEPLLB-520	2004-06-24	0
2550280	513	STORET_CHNEPLLB-531	2004-06-24	0
2550677	513	STORET_CHNEPLLB-85	2001-10-03	0
2553564	513	STORET_CHNEPLLB-85	2004-06-24	0

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

513 - Coastal Charlotte Harbor Monitoring Network

514 - Florida LAKEWATCH Program

Total Phosphorus

Table 12: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5524321	5033	WIN_21FLCRCP_BOC071	2020-09-16 10:51:00	-0.01
5522746	5033	WIN_21FLCRCP_BOC071	2020-09-16 10:55:00	-0.01
5522559	5033	WIN_21FLCRCP_BOC072	2020-09-16 11:30:00	-0.01
5520384	5033	WIN_21FLCRCP_BOC072	2020-09-16 11:35:00	-0.01
5663271	5033	WIN_21FLCRCP_BOC073	2020-09-16 11:15:00	-0.01
5660188	5033	WIN_21FLCRCP_BOC074	2020-09-16 11:40:00	0.00
5664138	5033	WIN_21FLCRCP_BOC074	2020-09-16 11:45:00	0.00
5524288	5033	WIN_21FLCRCP_BOC075	2020-09-16 12:25:00	0.00
5661801	5033	WIN_21FLCRCP_BOC075	2020-09-16 12:30:00	0.00
5520608	5033	WIN_21FLCRCP_BOC076	2020-09-16 11:25:00	-0.01
5523562	5033	WIN_21FLCRCP_BOC077	2020-09-16 12:05:00	0.00
5523655	5033	WIN_21FLCRCP_BOC077	2020-09-16 12:10:00	-0.01
5662987	5033	WIN_21FLCRCP_BOC078	2020-09-16 12:15:00	0.00
5664493	5033	WIN_21FLCRCP_BOC078	2020-09-16 12:20:00	0.00
5660633	5033	WIN_21FLCRCP_BOC079	2020-09-16 11:55:00	-0.01
5660920	5033	WIN_21FLCRCP_BOC081	2020-09-16 10:20:00	-0.01
5680286	5033	WIN_21FLCRCP_BOC082	2020-09-16 10:25:00	-0.01

Programs containing flagged data:

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Indicator: Water Clarity

Chlorophyll a corrected for pheophytin

Table 13: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

514 - Florida LAKEWATCH Program

5002 - Florida STORET / WIN

Chlorophyll a uncorrected for pheophytin

Table 14: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

There are no *Low* Quantile Flagged Values for Colored dissolved organic matter, CDOM

Light Extinction Coefficient

Table 15: Flagged Values - Low Indicator Quantile: **0.001**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1234615	297	218	2009-04-22	0.00
1239924	297	223	2009-07-13	0.00
1239169	297	252	2009-02-12	0.00
1331039	297	272	2006-05-04	0.00
1330509	297	279	2006-12-14	0.00
1277845	297	280	2017-12-12	0.00
1254036	297	295	2012-02-08	0.00
1270033	297	318	2015-09-13	0.00
1330305	297	326	2006-07-19	0.00
1268876	297	328	2014-11-17	0.00
1330162	297	403	2006-12-14	0.00
3283223	4064	8	2012-08-24	-0.01
5081814	5058	PB5	2011-09-28	-0.02

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

4064 - A spatial model to improve site selection for seagrass restoration in shallow boating environments

5058 - Southeast Florida Coral Reef Initiative (SEFCRI) Water Quality Monitoring Report

There are no *Low* Quantile Flagged Values for Secchi Depth

Total Suspended Solids, TSS

Table 16: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5652703	5033	WIN_21FLCRCP_GOC011	2017-02-09 10:41:00	-0.11
5648112	5033	WIN_21FLCRCP_GOC011	2017-06-06 11:48:00	-0.13

Programs containing flagged data:

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Turbidity

Table 17: Flagged Values - Low Indicator Quantile: 0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3705962	297	WIN_21FLFWC_215-W	2015-02-04 11:32:00	-0.02
3859276	297	WIN_21FLFWC_231-W	2015-05-19 10:22:00	-0.02
3709075	297	WIN_21FLFWC_237-W	2015-05-19 11:22:00	-0.01
3865553	297	WIN_21FLFWC_256-W	2014-04-24 14:16:00	-0.02
3718790	297	WIN_21FLFWC_259-W	2014-04-24 14:32:00	-0.01
3866336	297	WIN_21FLFWC_263-W	2014-04-24 14:52:00	-0.01
3862119	297	WIN_21FLFWC_263-W	2015-06-02 11:59:00	-0.04
3862120	297	WIN_21FLFWC_263-W	2015-06-02 11:59:00	-0.02
3719576	297	WIN_21FLFWC_273-W	2015-06-02 13:56:00	-0.01
3719762	297	WIN_21FLFWC_282-W	2014-11-18 16:50:00	-0.50
3720563	297	WIN_21FLFWC_282-W	2014-11-18 16:50:00	-0.30
3865215	297	WIN_21FLFWC_284-W	2014-11-24 11:15:00	-1.20
3719092	297	WIN_21FLFWC_288-W	2014-11-24 11:54:00	-1.30
3721292	297	WIN_21FLFWC_288-W	2014-11-24 11:54:00	-1.40
3863694	297	WIN_21FLFWC_289-W	2014-11-24 16:05:00	-0.20
3866969	297	WIN_21FLFWC_289-W	2014-11-24 16:05:00	-0.20
3720382	297	WIN_21FLFWC_290-W	2014-11-24 12:33:00	-0.90
3863356	297	WIN_21FLFWC_291-W	2014-11-24 12:13:00	-0.40
3867792	297	WIN_21FLFWC_291-W	2014-11-24 12:13:00	-0.40
3722781	297	WIN_21FLFWC_294-W	2014-11-24 15:13:00	-0.30
3721065	297	WIN_21FLFWC_296-W	2014-11-24 14:51:00	-0.70
3722692	297	WIN_21FLFWC_296-W	2014-11-24 14:51:00	-0.50
3864248	297	WIN_21FLFWC_302-W	2014-11-24 13:26:00	-0.30
3868594	297	WIN_21FLFWC_302-W	2014-11-24 13:26:00	-0.10
3719790	297	WIN_21FLFWC_305-W	2014-11-24 13:47:00	-0.20
3720950	297	WIN_21FLFWC_305-W	2014-11-24 13:47:00	-0.10
3868521	297	WIN_21FLFWC_328-W	2015-09-13 13:15:00	-0.01
3868522	297	WIN_21FLFWC_328-W	2015-09-13 13:15:00	-0.05
3866750	297	WIN_21FLFWC_403-W	2015-06-02 14:11:00	-0.01
3904293	303	WIN_21FLSCCF_NWR03	2021-05-18 08:04:00	-0.34
3703063	303	WIN_21FLSCCF_NWR04	2021-04-14 09:41:00	-0.66
3702667	303	WIN_21FLSCCF_NWR05	2021-04-14 10:02:00	-0.70
3702194	303	WIN_21FLSCCF_NWR05	2021-05-18 09:20:00	-0.04
3901571	303	WIN_21FLSCCF_NWR06	2021-04-14 12:15:00	-0.87
3900124	303	WIN_21FLSCCF_NWR06	2021-05-18 15:10:00	-0.49
3704387	303	WIN_21FLSCCF_NWR07	2021-03-23 12:30:00	-0.09
3701710	303	WIN_21FLSCCF_NWR07	2021-04-14 12:30:00	-0.72
3702669	303	WIN_21FLSCCF_NWR07	2021-05-18 15:22:00	-0.03
3900407	303	WIN_21FLSCCF_NWR08	2021-04-14 12:51:00	-0.33
3900734	303	WIN_21FLSCCF_NWR09	2021-05-18 09:34:00	-0.21
3272065	469	SJB01	2021-11-30 00:00:00	-0.70
3271972	469	SJB02	2021-11-30 00:00:00	-0.80
3271893	469	SJB03	2021-11-30 00:00:00	-0.60
3272714	469	SJB05	2021-11-30 00:00:00	-0.60
3272690	469	SJB07	2021-11-30 00:00:00	-0.50
2485878	505	P09	2015-04-08 00:00:00	-0.67
2485881	505	P09	2015-09-09 00:00:00	-0.14
5076488	5026	BB14	2019-07-01 00:00:00	-0.52

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5076780	5026	BB14	2019-07-01 00:00:00	-0.46
5076295	5026	JFK03	2020-04-07 00:00:00	-0.07
5077158	5026	JT71	2019-07-01 00:00:00	-0.46
5077367	5026	JT71	2019-07-01 00:00:00	-0.40
5075665	5026	WQ01	2019-08-07 00:00:00	-0.04
5075240	5026	WQ02	2019-07-01 00:00:00	-0.21
5076323	5026	WQ02	2019-08-06 00:00:00	-0.11
5076184	5026	WQ02	2019-11-06 00:00:00	-0.16

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

303 - River, Estuary and Coastal Observing Network

469 - Central Panhandle Aquatic Preserve WQ Monitoring

505 - Pensacola Bay Water Quality Monitoring Program

5026 - North Biscayne Bay Seagrass Loss Water Quality Program

Indicator: Water Quality

Dissolved Oxygen

Table 18: Flagged Values - Low Indicator Quantile: **0.22**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
359714	69	APM2001083602	2001-08-21 00:00:00	1.0e-01
360359	69	APM2001083602	2001-08-21 00:00:00	1.0e-01
405353	69	APM2005090206	2005-09-02 00:00:00	2.0e-01
365586	69	APM2009120505	2009-12-09 00:00:00	1.0e-01
367396	69	APM2009120505	2009-12-09 00:00:00	1.0e-01
513549	69	CHM1996091002	1996-09-10 00:00:00	2.0e-01
597748	69	CHM1997082201	1997-08-22 00:00:00	2.0e-01
414407	69	CHM2001081301	2001-08-13 00:00:00	2.0e-01
605637	69	CHM2002074403	2002-07-15 00:00:00	1.0e-01
452921	69	CHM2004060301	2004-06-16 00:00:00	2.0e-01
425115	69	CHM2004080402	2004-08-25 00:00:00	1.0e-01
458482	69	CHM2004081501	2004-08-30 00:00:00	1.0e-01
412505	69	CHM2004081502	2004-08-30 00:00:00	2.0e-01
671862	69	CHM2004081503	2004-08-30 00:00:00	1.0e-01
671964	69	CHM2004081503	2004-08-30 00:00:00	2.0e-01
676831	69	CHM2004081505	2004-08-30 00:00:00	1.0e-01
423941	69	CHM2005080301	2005-08-01 00:00:00	1.0e-01
480037	69	CHM2005090201	2005-09-01 00:00:00	1.0e-01
748220	69	CHM2013100401	2013-10-04 00:00:00	2.0e-01
763249	69	CHM2013100401	2013-10-04 00:00:00	2.0e-01
511711	69	CHM2014030404	2014-03-19 00:00:00	2.0e-01
403004	69	CHM2017070502	2017-07-10 00:00:00	2.0e-01
525623	69	IRM2003100604	2003-10-16 00:00:00	1.0e-01
396367	69	IRM2004110606	2004-11-08 00:00:00	2.0e-01
399103	69	IRM2004110606	2004-11-08 00:00:00	1.0e-01
422291	69	IRM2008091204	2008-09-22 00:00:00	2.0e-01
580495	69	IRM2008091205	2008-09-22 00:00:00	2.0e-01
631656	69	IRM2010061201	2010-06-22 00:00:00	1.0e-01
630642	69	IRM2011070101	2011-07-01 00:00:00	2.0e-01
632985	69	IRM2011070101	2011-07-01 00:00:00	1.0e-01
435001	69	IRM2011071001	2011-07-22 00:00:00	1.0e-01
617747	69	TBD2005010101	2005-01-03 00:00:00	0.0e+00
617921	69	TBD2005010101	2005-01-03 00:00:00	0.0e+00
616808	69	TBD2005010102	2005-01-03 00:00:00	0.0e+00
619644	69	TBD2005010102	2005-01-03 00:00:00	0.0e+00
614050	69	TBD2005010103	2005-01-03 00:00:00	0.0e+00
615888	69	TBD2005010103	2005-01-03 00:00:00	0.0e+00
618774	69	TBD2005010103	2005-01-03 00:00:00	0.0e+00
527159	69	TBM2002090204	2002-09-03 00:00:00	2.0e-01
527370	69	TBM2002090204	2002-09-03 00:00:00	2.0e-01
739816	69	TBM2004060807	2004-06-21 00:00:00	1.0e-01
558920	69	TBM2009101214	2009-10-28 00:00:00	2.0e-01
816456	95	10583	2015-01-20 00:00:00	1.0e-01
829906	95	17868	2012-03-05 00:00:00	1.0e-01
841436	95	17876	2013-06-10 00:00:00	1.0e-01
834978	95	18583	2017-08-21 00:00:00	2.0e-02
837725	95	18583	2017-08-21 00:00:00	2.1e-01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
823744	95	18675	2012-03-05 00:00:00	1.0e-01
835186	95	18815	2017-07-26 00:00:00	2.1e-01
833700	95	19095	2017-09-06 00:00:00	4.0e-02
839059	95	23178	2005-09-14 00:00:00	1.0e-01
1963993	118	FLE06-0044	2006-12-31 00:00:00	0.0e+00
1964008	118	FLW05-0003	2005-12-31 00:00:00	0.0e+00
1174286	118	FLW06-0035	2006-12-31 00:00:00	0.0e+00
1964823	118	NCCA15-1443	2015-07-10 00:00:00	2.0e-01
3706654	297	WIN_21FLFWC_318-W	2015-09-13 19:56:00	6.0e-02
3430817	355	EB	2012-07-03 00:00:00	5.0e-02
3433419	355	MB	2012-07-03 00:00:00	3.0e-02
3709437	479	670064	2001-08-21 09:00:00	2.1e-01
3795226	479	670068	2001-08-21 10:42:00	1.7e-01
3626859	479	670080	2001-08-01 11:04:00	4.0e-02
3629909	479	670080	2001-08-01 11:04:00	1.0e-02
3798270	479	670080	2001-08-01 11:04:00	1.7e-01
3626140	479	670080	2001-08-21 09:59:00	1.7e-01
3626872	479	670080	2001-08-21 09:59:00	1.0e-02
3796826	479	670080	2006-10-02 08:17:00	4.0e-02
3803783	479	670084	2001-09-27 01:25:00	5.0e-02
3637221	479	670085	2002-04-03 11:30:00	8.0e-02
3815001	479	670085	2002-04-03 11:30:00	8.0e-02
3638325	479	670085	2006-09-05 10:11:00	8.0e-02
3809915	479	670085	2006-09-05 10:11:00	8.0e-02
3660626	479	670089	2002-07-23 02:00:00	1.7e-01
3825313	479	670089	2005-08-02 08:20:00	1.7e-01
3663160	479	670090	2001-06-26 09:50:00	5.0e-02
3663520	479	670090	2001-06-26 09:50:00	1.0e-01
3795536	479	670090	2001-06-26 09:50:00	7.0e-02
3666544	479	670090	2005-07-05 10:44:00	1.1e-01
3801650	479	670092	2010-09-08 09:04:00	1.7e-01
3650399	479	670099	2001-06-26 11:12:00	2.0e-01
3805727	479	670103	2013-08-06 09:04:00	2.1e-01
3812551	479	670104	2002-08-06 10:57:00	3.0e-02
3813769	479	670104	2002-08-06 10:57:00	1.2e-01
3810180	479	670104	2006-05-04 09:31:00	3.0e-02
3810749	479	670104	2006-05-04 09:31:00	1.2e-01
3823210	479	670106	2004-09-01 08:51:00	1.1e-01
3823848	479	670106	2004-09-01 08:51:00	9.0e-02
3636416	479	670106	2005-05-02 09:53:00	9.0e-02
3636439	479	670106	2005-05-02 09:53:00	1.1e-01
3828355	479	670107	2001-08-01 10:01:00	2.0e-01
3828357	479	670107	2004-12-07 09:36:00	2.0e-01
3649882	479	670116	2002-05-29 09:54:00	1.1e-01
3906074	479	WIN_21FLSWFD_670103	2021-07-19 09:35:00	1.9e-01
3906376	479	WIN_21FLSWFD_670103	2021-07-19 09:36:00	1.5e-01
2504781	509	75	2001-09-19 00:00:00	1.0e-01
3593552	513	STORET_CHNEPCHE-81	2004-09-01 00:00:00	9.0e-02
3597611	513	STORET_CHNEPCHE-81	2004-09-01 00:00:00	1.1e-01
2406926	537	CBA Niceville-1	2012-08-12 00:00:00	2.0e-01
3266062	3000	12	2016-06-11 00:00:00	0.0e+00
3266322	3000	13	2015-07-24 00:00:00	0.0e+00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3265941	3000	32	2018-06-19 00:00:00	0.0e+00
3265333	3000	41	2016-07-23 00:00:00	0.0e+00
3267931	3000	5	2015-07-30 00:00:00	2.0e-01
3266245	3000	53	2015-04-28 00:00:00	0.0e+00
3267052	3000	77	2016-08-04 00:00:00	0.0e+00
3266893	3000	79	2016-08-29 00:00:00	0.0e+00
3992003	3001	BA0500	2014-08-17 00:00:00	0.0e+00
3571188	3001	BR-0174-01	2020-03-11 00:00:00	1.2e-01
4001795	3001	CL-0029-01	2019-06-30 00:00:00	0.0e+00
3986624	3001	CL-0029-01	2019-12-01 00:00:00	-1.0e+04
3572885	3001	CL-0029-01	2020-04-05 00:00:00	-1.0e+04
3988998	3001	CL-0029-01	2020-08-23 00:00:00	-1.0e+04
3998324	3001	CL-0091-01	2019-07-03 00:00:00	0.0e+00
3574181	3001	CL-0275-01	2020-10-11 00:00:00	-1.0e+04
3987054	3001	CL-0275-01	2021-06-13 00:00:00	-1.0e+04
3981731	3001	IR2770	2003-01-14 00:00:00	0.0e+00
3999936	3001	IR3310	2013-08-02 00:00:00	0.0e+00
3561310	3001	IR3310	2013-08-09 00:00:00	0.0e+00
3555123	3001	IR3850	1999-09-23 00:00:00	0.0e+00
3991137	3001	SL-0075-01	2021-10-17 00:00:00	-1.0e+04
3294121	4043	FH-36-21-2017	2017-09-30 00:00:00	1.4e-01
3294196	4043	FU-35-15-2017	2017-09-28 00:00:00	1.3e-01
3293697	4043	FU-36-55-2017	2017-09-28 00:00:00	1.5e-01
3293578	4043	PB-35-26-2017	2017-09-30 00:00:00	2.1e-01
3405463	4058	79-2018-01-01	2020-07-30 13:12:00	1.5e-01
3484080	4067	11472	2010-08-31 10:33:00	1.8e-01
3484204	4067	11580	2011-08-24 10:13:00	1.1e-01
3957596	4067	12583	2016-08-01 11:33:00	1.2e-01
3487472	4067	12947	2019-08-26 11:10:00	1.1e-01
3494640	4067	1454	2001-08-30 11:22:00	2.0e-01
3496139	4067	1454	2001-08-30 11:22:00	1.1e-01
3480166	4067	2223	2004-09-02 10:35:00	2.1e-01
3964931	4067	2622	1994-09-01 11:25:00	2.0e-01
3493514	4067	486	2002-08-19 10:30:00	1.0e-01
3495358	4067	486	2002-08-19 10:30:00	1.6e-01
3497306	4067	486	2002-08-19 10:30:00	1.2e-01
3497308	4067	486	2002-08-19 10:30:00	1.0e-01
3971094	4067	486	2002-08-19 10:30:00	1.0e-01
3971457	4067	486	2002-08-19 10:30:00	1.1e-01
3494914	4067	642	2002-09-12 09:26:00	2.1e-01
3494917	4067	642	2002-09-12 09:26:00	9.0e-02
3495130	4067	642	2002-09-12 09:26:00	9.0e-02
3496926	4067	642	2002-09-12 09:26:00	1.6e-01
3497128	4067	642	2002-09-12 09:26:00	1.5e-01
3497928	4067	642	2002-09-12 09:26:00	9.0e-02
3497936	4067	642	2002-09-12 09:26:00	6.0e-02
3497937	4067	642	2002-09-12 09:26:00	8.0e-02
3497939	4067	642	2002-09-12 09:26:00	1.3e-01
3498163	4067	642	2002-09-12 09:26:00	6.0e-02
3502252	4067	642	2002-09-12 09:26:00	1.1e-01
3502390	4067	642	2002-09-12 09:26:00	8.0e-02
3502393	4067	642	2002-09-12 09:26:00	2.1e-01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3504036	4067	642	2002-09-12 09:26:00	8.0e-02
3973066	4067	642	2002-09-12 09:26:00	2.1e-01
3974065	4067	642	2002-09-12 09:26:00	1.2e-01
3974630	4067	642	2002-09-12 09:26:00	8.0e-02
3974638	4067	642	2002-09-12 09:26:00	2.1e-01
3975126	4067	642	2002-09-12 09:26:00	1.5e-01
3975128	4067	642	2002-09-12 09:26:00	6.0e-02
3976023	4067	642	2002-09-12 09:26:00	6.0e-02
3976772	4067	642	2002-09-12 09:26:00	2.1e-01
3963038	4067	945	2000-09-05 10:15:00	1.5e-01
5273958	5014	GTMDNNUT	2017-07-20 08:42:00	7.0e-02
5273923	5014	GTMDSNUT	2017-07-20 08:35:00	9.0e-02
5327304	5014	WIN_21FLA_G5NE0019	2022-07-11 11:25:00	2.0e-01
5082412	5058	DC3	2011-09-23 00:00:00	0.0e+00
5241461	5058	DC3	2011-09-23 00:00:00	0.0e+00
5292203	10000	65	2002-05-09 00:00:00	2.0e-01
5358433	10000	65	2004-09-15 00:00:00	2.0e-01
5358797	10000	65	2007-01-17 00:00:00	1.6e-01
5359663	10000	65	2009-04-22 00:00:00	2.1e-01
5638626	10000	WIN_21FLLOX_735	2022-11-17 09:55:00	1.4e-01

Programs containing flagged data:

69 - Fisheries-Independent Monitoring (FIM) Program
95 - Harmful Algal Bloom Marine Observation Network
118 - National Aquatic Resource Surveys, National Coastal Condition Assessment
297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
355 - Apalachicola National Estuarine Research Reserve System-Wide Monitoring Program
479 - Southwest Florida Water Management District - Water Quality Monitoring
509 - SERC Water Quality Monitoring Network
513 - Coastal Charlotte Harbor Monitoring Network
537 - Choctawhatchee Basin Alliance Living Shorelines Oyster Reef Monitoring
3000 - Florida Keys Water Watch
3001 - Lagoon Watch (Formerly Marine Discovery Center)
4043 - RBNERR Fish Assessment
4058 - City of Miami Beach Water Monitoring
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN
5014 - Guana River and Guana Lake Water Quality Monitoring
5058 - Southeast Florida Coral Reef Initiative (SEFCRI) Water Quality Monitoring Report
10000 - RiverKeeper

Dissolved Oxygen Saturation

Table 19: Flagged Values - Low Indicator Quantile: **0.30633**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
863567	95	18583	2017-08-21	0.31
3556095	3001	BA0150	2006-07-31	0.23
3554970	3001	BA0150	2006-08-12	0.27
3997875	3001	BA0150	2007-06-23	0.30
3997367	3001	BA0150	2007-08-05	0.20
3556211	3001	BA0200	1992-08-14	0.22
3550811	3001	BA0200	1992-08-31	0.26
3551960	3001	BA0200	1994-06-17	0.16
3999212	3001	BA0200	1994-06-27	0.19
3999223	3001	BA0200	1994-10-23	0.08
3552350	3001	BA0200	1994-10-30	0.08
3997416	3001	BA0200	1996-01-29	0.06
4012481	3001	BA0200	2002-11-23	0.25
3552202	3001	BA0400	1992-01-18	0.19
3555114	3001	BA0400	1992-07-31	0.26
3996797	3001	BA0400	1992-08-07	0.26
3995281	3001	BA0450	1994-02-09	0.18
4010011	3001	BA0450	2001-09-10	0.28
3567230	3001	BA0450	2002-08-03	0.20
4016218	3001	BA0450	2002-09-06	0.24
3992987	3001	BA0450	2003-09-22	0.21
3559724	3001	BA0500	2000-02-29	0.28
4011665	3001	BA0500	2000-05-30	0.18
4011270	3001	BA0500	2000-06-20	0.25
4012184	3001	BA0500	2000-07-25	0.09
4015299	3001	BA0500	2001-02-13	0.13
3999219	3001	BA0500	2006-08-06	0.30
3996525	3001	BA0500	2006-08-15	0.24
3557190	3001	BA0500	2006-09-11	0.23
3557769	3001	BA0500	2006-10-09	0.23
3996528	3001	BA0500	2006-10-24	0.26
3999710	3001	BA0500	2007-08-27	0.22
3560689	3001	BA0500	2007-09-03	0.27
3995431	3001	BA0500	2014-08-17	0.00
3551944	3001	BA0733	2005-08-16	0.16
3995483	3001	BA0745	2006-03-28	0.12
4002354	3001	BA0750	1993-09-15	0.16
3553265	3001	BA0750	1994-08-04	0.30
4002590	3001	BA0750	1994-09-15	0.27
3559276	3001	BA0750	2000-06-07	0.30
4010563	3001	BA0750	2001-01-17	0.20
4010772	3001	BA0750	2001-08-22	0.12
3575024	3001	CL-0029-01	2019-06-30	0.00
3572069	3001	CL-0029-01	2019-12-01	-111746.00
4007807	3001	CL-0029-01	2020-04-05	-125304.00
3570700	3001	CL-0029-01	2020-08-23	-128133.00
3568816	3001	CL-0091-01	2019-07-03	0.00
4008944	3001	CL-0275-01	2020-10-11	-142181.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4010479	3001	CL-0275-01	2021-06-13	-157780.00
4013055	3001	IR2770	2001-03-12	0.20
3559712	3001	IR2770	2001-03-19	0.15
3563456	3001	IR2770	2003-01-14	0.00
4000175	3001	IR2775	2006-08-07	0.27
3998378	3001	IR2775	2006-08-14	0.11
3998379	3001	IR2775	2006-08-21	0.18
4001537	3001	IR2775	2006-08-28	0.15
3559493	3001	IR2900	2001-07-24	0.26
4011577	3001	IR2900	2001-08-07	0.29
3560722	3001	IR2900	2002-11-01	0.27
4016220	3001	IR2900	2003-07-18	0.28
3559835	3001	IR2951	2001-08-16	0.23
3995574	3001	IR3010	2004-06-25	0.30
3991904	3001	IR3010	2005-08-25	0.26
3996950	3001	IR3070	1994-09-16	0.07
3559177	3001	IR3070	2001-01-03	0.24
3564633	3001	IR3070	2003-07-22	0.28
3556952	3001	IR3070	2006-08-30	0.30
4002617	3001	IR3080	2008-07-12	0.25
3556048	3001	IR3130	2006-08-27	0.31
4012390	3001	IR3180	2000-11-03	0.20
4011376	3001	IR3180	2000-11-11	0.20
4012391	3001	IR3180	2000-11-17	0.30
3557133	3001	IR3180	2000-11-24	0.17
4008645	3001	IR3180	2000-12-01	0.31
3569648	3001	IR3270	2013-05-10	0.00
4015122	3001	IR3310	2003-01-10	0.00
3568387	3001	IR3310	2013-07-26	0.00
3568389	3001	IR3310	2013-08-02	0.00
4004044	3001	IR3310	2013-08-09	0.00
3553922	3001	IR3320	1996-07-18	0.29
3996837	3001	IR3320	2004-02-28	0.05
3559423	3001	IR3340	1997-06-16	0.26
3559117	3001	IR3340	1997-07-01	0.29
3569114	3001	IR3400	2003-08-11	0.29
3996076	3001	IR3730	1996-05-29	0.26
3560634	3001	IR3730	1996-12-31	0.29
3560635	3001	IR3730	1997-01-14	0.05
4009051	3001	IR3730	1997-02-11	0.30
3559107	3001	IR3730	1997-10-27	0.30
3559333	3001	IR3850	1999-09-23	0.00
4005131	3001	IR3850	1999-10-21	0.26
3558841	3001	IR4400	1997-09-05	0.30
3997991	3001	IRL315	1992-08-31	0.22
3558704	3001	IRL440	1997-09-27	0.29
4007451	3001	ML-0051-01	2018-11-06	0.00
3573764	3001	SL-0075-01	2021-10-17	-139437.00
3555375	3001	SR0010	1996-07-29	0.20
3555208	3001	SR0100	1996-03-19	0.30
3555814	3001	SR0100	1996-03-19	0.30
3999270	3001	SY0020	1994-05-18	0.14

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4000012	3001	SY0020	1994-05-24	0.12
4000013	3001	SY0020	1994-06-01	0.27
4000828	3001	SY0020	1994-06-22	0.30
4000791	3001	SY0020	1995-03-13	0.19
4000540	3001	SY0020	1995-03-22	0.22
3556559	3001	SY0020	1995-09-12	0.29
3558151	3001	SY0020	1997-08-11	0.14
4004156	3001	SY0020	1998-08-11	0.29
3560989	3001	SY0020	2001-04-03	0.23
4001865	3001	TC0100	1997-03-06	0.29

Programs containing flagged data:

95 - Harmful Algal Bloom Marine Observation Network

3001 - Lagoon Watch (Formerly Marine Discovery Center)

5002 - Florida STORET / WIN

pH

Table 20: Flagged Values - Low Indicator Quantile: **0.79**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1845511	69	IRM2001050402	2001-05-08 00:00:00	0.00
1874228	69	JXM2001060901	2001-06-18 00:00:00	0.00
1786661	129	9	2005-03-23 00:00:00	0.10
2591490	557	SGIS01	2008-06-04 12:25:00	0.00
2590009	557	SGIS02	2008-06-04 12:43:00	0.00
2591648	557	SGIS04	2008-06-04 10:29:00	0.00
2590837	557	SGIS07	2008-06-04 13:49:00	0.00
2573086	557	SJBS22	2009-08-04 14:19:00	0.00
3261701	3000	13	2015-08-13 00:00:00	0.00
3264572	3000	15	2017-05-29 00:00:00	0.00
3262321	3000	15	2017-07-16 00:00:00	0.00
3262040	3000	15	2017-08-27 00:00:00	0.00
3263533	3000	17	2017-07-16 00:00:00	0.00
3262042	3000	17	2017-07-30 00:00:00	0.00
3263250	3000	18	2018-10-14 00:00:00	0.00
3262603	3000	26	2017-02-12 00:00:00	0.00
3263212	3000	32	2017-11-03 00:00:00	0.00
3263539	3000	32	2018-03-03 00:00:00	0.00
3262050	3000	32	2018-06-19 00:00:00	0.00
3263541	3000	32	2018-07-19 00:00:00	0.00
3263770	3000	32	2018-08-31 00:00:00	0.00
3263748	3000	32	2018-11-06 00:00:00	0.00
3262482	3000	36	2018-06-13 00:00:00	0.00
3262054	3000	46	2017-06-02 00:00:00	0.00
3263896	3000	47	2016-10-25 00:00:00	0.00
3264530	3000	47	2018-01-29 00:00:00	0.00
3262722	3000	47	2018-02-26 00:00:00	0.00
3264532	3000	47	2018-03-26 00:00:00	0.00
3264281	3000	47	2018-04-30 00:00:00	0.00
3264054	3000	47	2018-06-25 00:00:00	0.00
3263104	3000	47	2018-07-30 00:00:00	0.00
3264056	3000	47	2018-10-31 00:00:00	0.00
3263572	3000	47	2018-11-29 00:00:00	0.00
3263595	3000	47	2018-12-31 00:00:00	0.00
3262734	3000	49	2017-07-12 00:00:00	0.00
3262861	3000	5	2018-07-12 00:00:00	0.00
3262227	3000	53	2015-04-28 00:00:00	0.00
3263463	3000	58	2017-02-24 00:00:00	0.00
3265260	3000	68	2017-05-03 00:00:00	0.00
3264192	3000	68	2017-05-31 00:00:00	0.00
3265409	3000	68	2017-06-30 00:00:00	0.00
3264194	3000	68	2017-07-17 00:00:00	0.00
3264890	3000	68	2017-12-21 00:00:00	0.00
3264845	3000	68	2018-01-31 00:00:00	0.00
3263665	3000	68	2018-07-18 00:00:00	0.00
3264921	3000	68	2018-08-30 00:00:00	0.00
3264923	3000	68	2018-09-28 00:00:00	0.00
3264220	3000	68	2018-10-29 00:00:00	0.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3264222	3000	68	2018-11-26 00:00:00	0.00
3264892	3000	68	2018-12-18 00:00:00	0.00
3263414	3000	71	2016-08-02 00:00:00	0.00
3264405	3000	71	2016-08-11 00:00:00	0.00
3264961	3000	71	2016-08-21 00:00:00	0.00
3264407	3000	71	2016-08-31 00:00:00	0.00
3263083	3000	71	2016-09-11 00:00:00	0.00
3264105	3000	71	2016-10-01 00:00:00	0.00
3265026	3000	72	2016-08-01 00:00:00	0.00
3262843	3000	72	2016-08-10 00:00:00	0.00
3263688	3000	72	2016-08-20 00:00:00	0.00
3264075	3000	72	2016-08-31 00:00:00	0.00
3263690	3000	72	2016-09-11 00:00:00	0.00
3263049	3000	72	2016-10-01 00:00:00	0.00
3264692	3000	77	2016-08-04 00:00:00	0.00
3559353	3001	BA0200	2003-01-16 00:00:00	0.60
3511494	4067	3141	1998-09-29 09:30:00	0.18
3960619	4067	3141	1998-09-29 09:30:00	0.24
3960751	4067	3141	1998-09-29 09:30:00	0.22
3960753	4067	3141	1998-09-29 09:30:00	0.44
3961005	4067	3141	1998-09-29 09:30:00	0.38
3961008	4067	3141	1998-09-29 09:30:00	0.36
3962262	4067	3141	1998-09-29 09:30:00	0.28
3964806	4067	3141	1998-09-29 09:30:00	0.41
3964808	4067	3141	1998-09-29 09:30:00	0.43
3965206	4067	3141	1998-09-29 09:30:00	0.15
3497800	4067	3285	1999-09-28 14:25:00	0.00
3499141	4067	3285	1999-09-28 14:25:00	0.00
3499344	4067	3285	1999-09-28 14:25:00	0.00
3969340	4067	3285	1999-09-28 14:25:00	0.00

Programs containing flagged data:

69 - Fisheries-Independent Monitoring (FIM) Program

129 - Apalachicola National Estuarine Research Reserve Juvenile Fish and Benthic Macroinvertebrate Monitoring

557 - Central Panhandle Aquatic Preserves Seagrass Monitoring

3000 - Florida Keys Water Watch

3001 - Lagoon Watch (Formerly Marine Discovery Center)

4067 - Tampa Bay Benthic Monitoring

5002 - Florida STORET / WIN

Salinity

Table 21: Flagged Values - Low Indicator Quantile: **0**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

There are no *Low* Quantile Flagged Values for Specific Conductivity

Water Temperature

Table 22: Flagged Values - Low Indicator Quantile: **2.08**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
928900	69	CKM2001010201	2001-01-04 00:00:00	2.00
3855542	297	WIN_21FLFWC_296-W	2020-03-19 14:14:00	0.00
3424326	456	428	2011-01-05 00:00:00	0.00
3259110	3000	26	2017-02-12 00:00:00	0.00
3259629	3000	26	2017-03-12 00:00:00	0.00
3261081	3000	53	2015-04-28 00:00:00	0.00
4019337	3001	CL-0045-01	2022-11-08 00:00:00	2.00
4017595	3001	CL-0069-01	2019-01-26 00:00:00	0.15
4024669	3001	IR4600	2002-08-12 00:00:00	0.20
3599609	3001	ML-0051-01	2021-08-02 00:00:00	2.00
3593826	3001	SY0100	1991-11-27 00:00:00	0.70
3589882	3001	SY0100	1992-03-25 00:00:00	0.00
3273908	3016	116b	2013-11-07 00:00:00	0.00
3274187	3016	123b	2013-11-07 00:00:00	0.00
3274495	3016	131	2013-11-08 00:00:00	0.00
3275266	3016	206a	2013-11-07 00:00:00	0.00
3275268	3016	216b	2013-11-11 00:00:00	0.00
3272826	3016	261b	2013-11-11 00:00:00	0.00
3274066	3016	262b	2013-11-07 00:00:00	0.00
3279431	3016	342a	2013-11-08 00:00:00	0.00
3274573	3016	346	2013-11-08 00:00:00	0.00
3274681	3016	379b	2013-11-08 00:00:00	0.00
3278581	3016	391b	2013-11-11 00:00:00	0.00
3273027	3016	414b	2013-11-11 00:00:00	0.00
3272828	3016	435b	2013-11-07 00:00:00	0.00
3275117	3016	480b	2013-11-07 00:00:00	0.00
3273057	3016	493	2013-11-08 00:00:00	0.00
3275030	3016	499b	2013-11-07 00:00:00	0.00
3273029	3016	500b	2013-11-07 00:00:00	0.00
3277169	3016	538b	2013-11-07 00:00:00	0.00
3277094	3016	541b	2013-11-11 00:00:00	0.00
3277013	3016	545	2013-11-08 00:00:00	0.00
3273932	3016	582a	2013-11-08 00:00:00	0.00
3274008	3016	61a	2013-11-08 00:00:00	0.00
3273577	3016	638b	2013-11-11 00:00:00	0.00
3275600	3016	688b	2013-11-07 00:00:00	0.00
3275032	3016	711b	2013-11-08 00:00:00	0.00
3273934	3016	729b	2013-11-07 00:00:00	0.00
3274348	3016	739b	2013-11-07 00:00:00	0.00
3275182	3016	740a	2013-11-07 00:00:00	0.00
3274816	3016	741a	2013-11-11 00:00:00	0.00
3273387	3016	752	2013-11-11 00:00:00	0.00
3274683	3016	752b	2013-11-11 00:00:00	0.00
3273389	3016	761b	2013-11-11 00:00:00	0.00
3342795	4044	NRDA_Pcola-WPB2-MP1	2022-07-26 11:57:00	1.20
3916388	4054	WIN_21FLWQA_GTMPCNUT	2016-04-04 11:08:00	2.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5082165	5058	DC3	2011-09-23 00:00:00	0.00
5083118	5058	DC3	2011-09-23 00:00:00	0.00

Programs containing flagged data:

69 - Fisheries-Independent Monitoring (FIM) Program
297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
456 - Oyster Sentinel
3000 - Florida Keys Water Watch
3001 - Lagoon Watch (Formerly Marine Discovery Center)
3016 - Lake Worth Lagoon Seagrass Mapping Project
4044 - NRDA Oyster Cultch Recovery Project
4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program
5002 - Florida STORET / WIN
5058 - Southeast Florida Coral Reef Initiative (SEFCRI) Water Quality Monitoring Report

High Quantile

Indicator: Nutrients

Ammonia- Un-ionized (NH3)

Table 23: Flagged Values - High Indicator Quantile: **0.4778**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5080961	5028	MP1A	2017-10-18	0.53

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

NH4 Filtered

Table 24: Flagged Values - High Indicator Quantile: **5.73457**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1750555	3	12025A	2005-11-09	6.40
1748467	3	12026A	2005-07-11	11.96
1745812	3	12042A	2005-08-31	35.90
1746464	3	12043A	2012-02-22	6.40
1784254	3	12246B	2006-08-14	7.00
1749784	3	12396A	2005-07-11	8.50
1746635	3	12415A	2009-09-01	6.38
1749853	3	12424A	2010-10-20	6.02
1749778	3	12426A	2010-08-24	11.32
1746473	3	12434A	2005-08-17	10.70
1751819	3	12444A	2003-06-16	10.67
1751171	3	12446A	2005-08-31	17.00
1748134	3	12462A	2004-09-14	7.40
1747361	3	12619A	2004-11-16	7.40
1748942	3	12623A	2004-08-24	5.80
1751116	3	12626A	2003-04-28	6.80
1747256	3	12647A	2005-07-11	10.34
1751176	3	12657A	2003-06-16	6.80
1749339	3	12665A	2005-08-31	13.80
1748323	3	12783A	2005-08-31	13.70
1749807	3	12841A	2005-07-11	8.35
1750109	3	12843A	2006-09-13	9.70
1766475	3	14246B	2021-12-05	6.83
1787418	3	1461B	2006-08-13	18.80
1788964	3	1509B	2012-06-05	5.96
1759093	3	1690B	2011-08-03	11.39
1749133	3	6331A	2004-12-17	8.10
1748709	3	6337A	2003-05-20	7.07
1748888	3	6340A	2001-09-24	7.80
1749796	3	6341A	2004-11-17	15.40
1748890	3	6357A	2006-01-24	7.10
1746361	3	6358A	2002-06-18	5.86
1748464	3	6359A	2002-07-17	8.12
1749242	3	6360A	2001-11-27	8.86
1751594	3	6361A	2007-05-17	13.30
1747205	3	6371A	2004-10-21	10.10
1748955	3	6373A	2005-09-01	10.60
1747661	3	6374A	2005-11-10	32.00
1747746	3	6383A	2006-09-14	10.30
1746475	3	6389A	2001-08-20	8.22
1748885	3	6396A	1998-10-15	8.90
1750590	3	6398A	2000-09-19	25.02
1748550	3	6403A	2001-10-16	11.91
1749404	3	6404A	2007-07-11	10.40
1749196	3	6405A	2010-08-25	6.36
1747257	3	6406A	2005-07-12	10.40
1749902	3	6409A	2005-01-20	8.00
1750694	3	6412A	2011-10-27	7.54
1748964	3	6418A	2007-02-13	21.10

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1746275	3	6419A	2012-02-23	7.12
1749338	3	6420A	2003-12-04	7.50
1749266	3	6421A	2008-09-16	15.20
1748097	3	6424A	2000-11-13	7.31
1748896	3	6424A	2001-01-18	10.55
1748034	3	6424A	2001-05-17	7.51
1748718	3	6429A	2001-06-14	5.92
1748683	3	6429A	2004-04-20	6.10
1749808	3	6441A	2004-09-15	11.60
1752853	3	6446A	2002-08-21	5.95
1748551	3	6449A	2003-01-13	5.74
1746279	3	6454A	2003-09-30	7.21
1749769	3	6462A	1998-10-30	6.67
1748132	3	6463A	2000-12-12	8.18
1750589	3	6474A	2004-03-30	11.25
1747300	3	6480A	2004-01-14	6.02
1750260	3	6490A	2011-12-21	12.45
1782022	3	769B	2020-10-06	5.77
1752693	3	9462A	2004-11-16	11.20
1748311	3	9475A	2010-02-09	6.58
1748939	3	9486A	2004-12-14	13.50
1747311	3	9491A	2005-07-11	8.40
1748137	3	9508A	2004-10-20	10.10
1749811	3	9509A	2005-08-31	9.30
1748131	3	9530A	2003-05-19	6.90
1747432	3	9538A	2004-11-16	18.50
1746328	3	9546A	2004-12-14	44.80
1746287	3	9548A	2011-08-31	7.94
1750169	3	9549A	2003-12-03	7.60
1747244	3	9551A	2003-04-28	5.88
1747254	3	9552A	2002-07-16	7.37
1746274	3	9554A	2011-12-20	7.26
1748493	3	9555A	2005-08-31	13.00
1752849	3	9556A	2005-02-08	6.10
1751823	3	9558A	2004-10-20	20.90
1747440	3	9560A	2008-09-15	5.80
1750259	3	9573A	2009-12-09	6.19
1747745	3	9575A	2009-05-06	9.50
1748940	3	9576A	2010-08-24	9.42
1746422	3	9577A	2003-11-18	8.02
1746284	3	9583A	2005-07-11	6.37
1748769	3	9586A	2003-09-29	8.02
1749798	3	9593A	2010-02-09	8.30
1749202	3	9596A	2005-06-14	9.72
1748813	3	9630A	2004-11-16	6.70
1746469	3	9646A	2005-07-11	7.83
1751184	3	9677A	2004-10-20	7.00
1748622	3	9684A	2005-08-31	17.70
1746457	3	9736A	2004-11-16	6.30
1750596	3	9739A	2003-11-18	6.45
1746329	3	9765A	2005-08-31	12.00
1748619	3	9780A	2005-07-11	6.21

Programs containing flagged data:

3 - Atlantic Oceanographic and Meteorological Laboratory (AOML) South Florida Program Synoptic Shipboard Surveys

5002 - Florida STORET / WIN

Nitrate (N)

Table 25: Flagged Values - High Indicator Quantile: **0.79036**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

Nitrite (N)

Table 26: Flagged Values - High Indicator Quantile: **0.074**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3766985	4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:40:00	0.19
3767039	4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:45:00	0.19
3767035	4054	WIN_21FLWQA_GTMPINUT	2017-10-17 09:47:00	0.08
3766713	4054	WIN_21FLWQA_GTMPINUT	2017-10-17 09:48:00	0.08
3766630	4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:26:00	0.09
3767323	4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:30:00	0.10
3767145	4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:15:00	0.11
3766820	4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:17:00	0.11
3767196	4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:32:00	0.08
3767325	4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:34:00	0.08
5573400	5033	WIN_21FLCRCP_BAK030	2018-04-04 12:55:00	0.09
5568458	5033	WIN_21FLCRCP_PEV050	2020-11-12 07:35:00	0.09
5638276	5033	WIN_21FLCRCP_PEV050	2020-12-02 10:15:00	0.13

Programs containing flagged data:

4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Nitrogen, organic

Table 27: Flagged Values - High Indicator Quantile: **2.7**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
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Programs containing flagged data:

5002 - Florida STORET / WIN

NO2+3 Filtered

Table 28: Flagged Values - High Indicator Quantile: **3.24035**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1770430	3	1038B	2019-09-24 00:00:00	12.71
1773048	3	1194B	2015-04-14 00:00:00	8.55
1751887	3	12026A	2005-07-11 00:00:00	16.00
1751439	3	12033A	2008-09-15 00:00:00	3.40
1751888	3	12036A	2007-02-12 00:00:00	6.40
1752380	3	12039A	2010-02-09 00:00:00	8.34
1750882	3	12042A	2005-08-31 00:00:00	16.00
1751076	3	12060A	2005-06-14 00:00:00	14.40
1749710	3	12063A	2006-08-09 00:00:00	5.30
1770091	3	12301B	2009-04-20 00:00:00	3.51
1772357	3	12304B	2019-09-23 00:00:00	4.02
1770094	3	12333B	2010-03-08 00:00:00	5.45
1771924	3	12357B	2011-04-04 00:00:00	7.31
1751045	3	12379A	2012-06-12 00:00:00	9.90
1751260	3	12383A	2006-08-09 00:00:00	25.80
1748847	3	12395A	2008-09-15 00:00:00	4.50
1749942	3	12396A	2005-07-11 00:00:00	4.94
1754116	3	12400A	2007-02-12 00:00:00	16.30
1748653	3	12402A	2012-02-22 00:00:00	4.07
1747704	3	12406A	2007-10-17 00:00:00	8.90
1751109	3	12408A	2010-05-03 00:00:00	5.28
1751262	3	12415A	2009-09-01 00:00:00	4.53
1752531	3	12416A	2006-09-13 00:00:00	19.00
1752007	3	12424A	2010-10-20 00:00:00	3.92
1750041	3	12426A	2010-08-24 00:00:00	4.40
1754206	3	12431A	2005-06-14 00:00:00	11.00
1753092	3	12434A	2005-08-17 00:00:00	7.40
1754338	3	12438A	2002-07-16 00:00:00	9.19
1751204	3	12444A	2003-06-16 00:00:00	3.95
1751340	3	12446A	2005-08-31 00:00:00	12.80
1752196	3	12462A	2004-09-14 00:00:00	4.50
1751618	3	12467A	2007-07-10 00:00:00	5.50
1749690	3	12482A	2010-02-09 00:00:00	8.85
1747288	3	12529A	2005-11-09 00:00:00	4.00
1751139	3	12598A	2008-09-15 00:00:00	6.00
1751112	3	12604A	2012-06-12 00:00:00	4.75
1748651	3	12605A	2010-02-09 00:00:00	7.45
1748743	3	12609A	2010-10-20 00:00:00	4.72
1754088	3	12611A	2007-02-12 00:00:00	12.80
1752079	3	12613A	2005-06-14 00:00:00	3.99
1754334	3	12619A	2004-11-16 00:00:00	13.90
1749505	3	12628A	2003-09-29 00:00:00	7.19
1750143	3	12631A	2005-11-09 00:00:00	5.40
1751048	3	12633A	2006-09-13 00:00:00	17.50
1749933	3	12637A	2008-02-04 00:00:00	3.30
1751380	3	12639A	2006-11-01 00:00:00	4.20
1752761	3	12643A	2006-08-09 00:00:00	7.50
1748292	3	12647A	2005-07-11 00:00:00	4.14

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1753221	3	12651A	2004-09-14 00:00:00	6.00
1754200	3	12654A	2002-07-16 00:00:00	6.99
1751231	3	12655A	2009-09-01 00:00:00	8.61
1751343	3	12657A	2003-06-16 00:00:00	6.12
1749374	3	12665A	2005-08-31 00:00:00	20.30
1749983	3	12666A	2003-11-18 00:00:00	12.05
1752569	3	12771A	2007-05-16 00:00:00	5.60
1746382	3	12772A	2011-10-26 00:00:00	5.07
1750050	3	12779A	2009-11-03 00:00:00	11.57
1754371	3	12783A	2005-08-31 00:00:00	15.40
1749510	3	12818A	2007-02-12 00:00:00	12.30
1748224	3	12831A	2010-02-09 00:00:00	8.56
1753720	3	12841A	2005-07-11 00:00:00	3.82
1770953	3	1297B	2015-04-14 00:00:00	8.86
1776872	3	14237B	2021-08-01 00:00:00	5.17
1770311	3	14259B	2021-08-01 00:00:00	6.32
1771664	3	14318B	2021-08-01 00:00:00	4.40
1771607	3	14322B	2021-08-01 00:00:00	6.75
1772985	3	14341B	2021-08-01 00:00:00	4.28
1772984	3	14424B	2021-08-01 00:00:00	5.50
1773740	3	14439B	2021-07-31 00:00:00	5.20
1771074	3	14448B	2021-08-01 00:00:00	3.83
1772942	3	14455B	2021-07-31 00:00:00	5.29
1770972	3	14490B	2021-07-31 00:00:00	3.40
1773756	3	14548B	2021-07-31 00:00:00	4.73
1771205	3	14556B	2021-07-31 00:00:00	5.47
1772455	3	1530B	2019-09-24 00:00:00	3.66
1771522	3	1547B	2015-04-14 00:00:00	8.92
1771021	3	15593B	2021-08-03 00:00:00	4.61
1769696	3	1846B	2009-04-21 00:00:00	4.35
1770862	3	2013B	2015-06-02 00:00:00	8.64
1772127	3	2063B	2019-04-30 00:00:00	3.26
1770609	3	2355B	2015-06-02 00:00:00	3.79
1770066	3	2420B	2015-06-02 00:00:00	8.21
1771523	3	2949B	2015-06-01 00:00:00	9.18
1770965	3	301B	2019-09-24 00:00:00	3.33
1770273	3	302B	2009-04-21 00:00:00	4.44
1748226	3	4137A	1998-12-09 00:00:00	3.34
1772026	3	424B	2015-07-28 00:00:00	4.53
1772024	3	434B	2015-04-14 00:00:00	8.88
1772448	3	437B	2017-10-10 00:00:00	11.99
1770413	3	4671B	2015-04-13 00:00:00	7.76
1769769	3	5738B	2012-06-04 00:00:00	7.26
1751108	3	6331A	2004-12-17 00:00:00	4.10
1750315	3	6347A	2005-03-09 00:00:00	6.50
1750888	3	6349A	2005-02-09 00:00:00	3.70
1750310	3	6360A	2001-11-27 00:00:00	4.02
1749691	3	6392A	2010-02-10 00:00:00	9.30
1750313	3	6405A	2010-08-25 00:00:00	3.31
1752006	3	6409A	2005-01-20 00:00:00	4.60
1748531	3	6416A	2012-06-13 00:00:00	4.37
1752566	3	6418A	2007-02-13 00:00:00	11.50

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1752753	3	6419A	2012-02-23 00:00:00	5.95
1746386	3	6425A	2008-02-05 00:00:00	3.30
1749376	3	6453A	2012-04-19 00:00:00	6.82
1754067	3	6474A	2004-03-30 00:00:00	9.44
1748738	3	6490A	2011-12-21 00:00:00	5.73
1772689	3	6821B	2015-04-13 00:00:00	7.13
1769243	3	704B	2017-10-10 00:00:00	14.60
1751958	3	9475A	2010-02-09 00:00:00	8.81
1753269	3	9477A	2007-02-12 00:00:00	7.40
1751514	3	9509A	2005-08-31 00:00:00	7.00
1753270	3	9520A	2009-09-01 00:00:00	7.23
1748744	3	9542A	2012-06-12 00:00:00	4.45
1748662	3	9555A	2005-08-31 00:00:00	9.60
1753076	3	9585A	2007-02-12 00:00:00	7.20
1773116	3	9604B	2019-11-18 00:00:00	4.08
1748838	3	9630A	2004-11-16 00:00:00	4.50
1751925	3	9641A	2003-11-18 00:00:00	9.66
1752940	3	9675A	2007-05-16 00:00:00	7.20
1748660	3	9684A	2005-08-31 00:00:00	4.60
1748525	3	9697A	2005-11-09 00:00:00	6.20
1753023	3	9698A	2010-02-09 00:00:00	7.49
1752360	3	9739A	2003-11-18 00:00:00	14.99
1748263	3	9740A	2010-07-07 00:00:00	21.03
1750038	3	9744A	2007-10-17 00:00:00	10.70
1750363	3	9745A	2004-12-14 00:00:00	4.60
1750373	3	9748A	2010-10-20 00:00:00	3.57
1746384	3	9765A	2005-08-31 00:00:00	3.50
1752751	3	9767A	2010-02-09 00:00:00	7.53
1772110	3	978B	2015-04-14 00:00:00	7.63
3581676	476	STORET_CHV006	2009-07-06 00:00:00	300.00
3401897	4058	74-2018-01-01	2020-05-27 10:06:00	3.30

Programs containing flagged data:

3 - Atlantic Oceanographic and Meteorological Laboratory (AOML) South Florida Program Synoptic Shipboard Surveys

476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network

4058 - City of Miami Beach Water Monitoring

5002 - Florida STORET / WIN

PO4 Filtered

Table 29: Flagged Values - High Indicator Quantile: **0.76862**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1751803	3	12415A	2009-09-01 00:00:00	1.04
1786847	3	14025B	2009-08-26 00:00:00	1.57
1780914	3	14046B	2004-10-19 00:00:00	2.20
1757617	3	15295B	2021-08-02 00:00:00	1.77
1772904	3	1817B	1999-08-04 00:00:00	2.50
1782774	3	2067B	1999-08-04 00:00:00	1.60
1790615	3	2354B	2015-07-28 00:00:00	0.92
1791029	3	437B	2017-10-10 00:00:00	0.81
1772717	3	609B	2000-04-18 00:00:00	0.84
1754813	3	6438A	2009-09-02 00:00:00	0.83
1787556	3	704B	2017-10-10 00:00:00	1.01
1751752	3	9506A	2006-01-23 00:00:00	0.94
1754270	3	9532A	2009-09-01 00:00:00	0.95
1749984	3	9569A	2006-01-23 00:00:00	1.10
1751044	3	9582A	2006-05-03 00:00:00	2.00
3774279	355	apacpnut	2018-10-23 08:37:00	9.00
3573297	355	apacpnut	2019-03-25 10:35:00	6.60
3775948	355	apadbnut	2019-03-25 14:18:00	6.20
3582382	355	apaebnut	2018-10-23 08:02:00	19.00
3775279	355	apaebnut	2019-03-25 08:55:00	8.20
3797185	355	apaesnut	2018-10-23 08:00:00	20.00
3588054	355	apaesnut	2019-03-25 08:53:00	7.60
3603450	513	STORET__CHNEPLLB-85	2003-06-24 00:00:00	3.07
3587554	513	STORET__CHNEPTMR-22	2003-08-05 00:00:00	1.58

Programs containing flagged data:

3 - Atlantic Oceanographic and Meteorological Laboratory (AOML) South Florida Program Synoptic Shipboard Surveys

355 - Apalachicola National Estuarine Research Reserve System-Wide Monitoring Program

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

Total Kjeldahl Nitrogen TKN

Table 30: Flagged Values - High Indicator Quantile: **5.21504**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3716699	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
3714842	303	WIN_21FLSCCF_GS01	2022-06-01 14:45:00	12.80
3855989	303	WIN_21FLSCCF_GS02	2022-06-01 14:32:00	19.90
3600003	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
5475754	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.60
5474656	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	6.75
5485087	5014	WIN_21FLGTM_GTMKNUT	2020-08-17 13:45:00	5.90

Programs containing flagged data:

303 - River, Estuary and Coastal Observing Network

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

5014 - Guana River and Guana Lake Water Quality Monitoring

Total Nitrogen (All)

Table 31: Flagged Values - High Indicator Quantile: **4.24607**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3707452	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
3705070	303	WIN_21FLSCCF_GS01	2022-06-01 14:45:00	12.80
3704134	303	WIN_21FLSCCF_GS02	2022-06-01 14:32:00	19.90
2885951	476	STORET_CHV006	2009-07-06 00:00:00	302.30
3665153	479	20941	2007-03-20 11:00:00	1000.00
3660689	479	670089	2008-10-08 10:33:00	4.44
3592949	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
3596171	513	STORET_CHNEPTMR-42	2005-07-05 00:00:00	4.44
2878229	4058	35	2017-08-15 11:23:00	4.25
2884181	4058	74-2018-01-01	2020-05-27 10:06:00	4.90
5262401	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.60
5699565	5014	WIN_21FLGTM_GTMKNUT	2020-08-17 13:45:00	5.90

Programs containing flagged data:

303 - River, Estuary and Coastal Observing Network
476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network
479 - Southwest Florida Water Management District - Water Quality Monitoring
513 - Coastal Charlotte Harbor Monitoring Network
4058 - City of Miami Beach Water Monitoring
5002 - Florida STORET / WIN
5014 - Guana River and Guana Lake Water Quality Monitoring

Total Nitrogen (No calc)

Table 32: Flagged Values - High Indicator Quantile: **2.65613**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1752366	297	269	2002-09-10 00:00:00	2.99
3707452	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
3705070	303	WIN_21FLSCCF_GS01	2022-06-01 14:45:00	12.80
3704134	303	WIN_21FLSCCF_GS02	2022-06-01 14:32:00	19.90
3703301	303	WIN_21FLSCCF_NWR01	2019-11-20 11:51:00	2.69
3703575	303	WIN_21FLSCCF_NWR01	2022-09-20 11:18:00	3.30
3707554	303	WIN_21FLSCCF_NWR06	2020-06-30 13:01:00	2.74
3858974	303	WIN_21FLSCCF_NWR07	2020-06-30 13:13:00	2.84
3860072	303	WIN_21FLSCCF_NWR07	2020-11-17 14:05:00	2.72
3709561	303	WIN_21FLSCCF_NWR07	2021-07-12 12:36:00	4.07
3853642	303	WIN_21FLSCCF_NWR08	2019-10-23 14:35:00	2.75
3714538	303	WIN_21FLSCCF_NWR10	2019-11-20 10:00:00	2.72
3704608	303	WIN_21FLSCCF_NWR10	2020-06-30 10:01:00	3.74
3665153	479	20941	2007-03-20 11:00:00	1000.00
3699289	479	670057	2008-10-08 13:10:00	3.15
3821537	479	670087	2013-10-17 11:50:00	2.70
3660689	479	670089	2008-10-08 10:33:00	4.44
3911439	479	WIN_21FLSWFD_670049	2021-07-20 10:48:00	2.80
3710737	479	WIN_21FLSWFD_670063	2020-11-03 10:33:00	3.01
2534543	509	2	1991-07-30 00:00:00	3.14
3592949	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
3596171	513	STORET_CHNEPTMR-42	2005-07-05 00:00:00	4.44
5098823	5058	BC1	2010-03-23 00:00:00	2.83
5298829	10000	62	2005-05-10 00:00:00	3.93
5299541	10000	62	2005-09-21 00:00:00	3.19
5356879	10000	62	2005-11-16 00:00:00	2.71
5299101	10000	65	2003-05-14 00:00:00	2.70
5299304	10000	65	2006-03-15 00:00:00	2.75
5354650	10000	72	2005-07-07 00:00:00	2.88

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
 303 - River, Estuary and Coastal Observing Network
 479 - Southwest Florida Water Management District - Water Quality Monitoring
 509 - SERC Water Quality Monitoring Network
 513 - Coastal Charlotte Harbor Monitoring Network
 514 - Florida LAKEWATCH Program
 5002 - Florida STORET / WIN
 5058 - Southeast Florida Coral Reef Initiative (SEFCRI) Water Quality Monitoring Report
 10000 - RiverKeeper

Total Phosphorus

Table 33: Flagged Values - High Indicator Quantile: **0.74004**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3645781	355	apacpnut	2018-10-23 08:37:00	26.00
3639340	355	apaebnut	2018-10-23 08:02:00	26.00
3649803	355	apaesnut	2018-10-23 08:00:00	12.00
3855735	479	20941	2007-03-20 11:00:00	1000.00
3713023	479	WIN_21FLSWFD_670116	2020-12-15 12:14:00	2.78
3600001	513	STORET_CHNEPCHP-132	2003-12-03 00:00:00	1.26
3587553	513	STORET_CHNEPLL-531	2003-05-21 00:00:00	1.30
3592534	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	3.71
2551563	513	STORET_CHNEPTPR-36	2002-12-17 00:00:00	1.79
3590011	513	STORET_CHNEPTPR-36	2003-02-05 00:00:00	1.60
3899842	513	WIN_CHNEPMP_268_220	2021-10-28 09:40:00	1.39
5637978	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	0.93
5502315	5014	WIN_21FLGTM_GTMLSNT	2023-02-02 08:55:00	0.93
5502760	5014	WIN_21FLGTM_GTMRRNT	2023-04-03 09:10:00	1.27

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)
 355 - Apalachicola National Estuarine Research Reserve System-Wide Monitoring Program
 479 - Southwest Florida Water Management District - Water Quality Monitoring
 513 - Coastal Charlotte Harbor Monitoring Network
 5002 - Florida STORET / WIN
 5014 - Guana River and Guana Lake Water Quality Monitoring

Indicator: Water Clarity

Chlorophyll a corrected for pheophytin

Table 34: Flagged Values - High Indicator Quantile: **112**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3703995	303	WIN_21FLSCCF_NWR08	2019-10-23 14:35:00	193.0
3575018	476	STORET_CHV006	2016-06-06 00:00:00	150.0
3735806	540	WIN_21FLWQA_79SEAS164	2018-02-20 11:28:00	120.0
3935066	540	WIN_21FLWQA_79SEAS172	2018-02-20 11:40:00	120.0
3907147	540	WIN_21FLWQA_79SEAS172	2018-06-19 09:30:00	120.0
5472889	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	209.0
5657543	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	146.0
5471920	5014	WIN_21FLGTM_GTMGL2NUT	2021-05-10 12:11:00	116.0
5283241	10000	72	2016-09-14 00:00:00	132.5

Programs containing flagged data:

103 - EPA STORage and RETrieval Data Warehouse (STORET)

303 - River, Estuary and Coastal Observing Network

476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network

514 - Florida LAKEWATCH Program

540 - Shellfish Harvest Area Classification Program

5002 - Florida STORET / WIN

5014 - Guana River and Guana Lake Water Quality Monitoring

10000 - RiverKeeper

Chlorophyll a uncorrected for pheophytin

Table 35: Flagged Values - High Indicator Quantile: **119.6136**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
848616	95	15873	2016-07-18 00:00:00	295.30
844559	95	16062	2016-07-18 00:00:00	290.00
833703	95	17821	2018-09-17 00:00:00	232.80
833321	95	17823	2018-09-17 00:00:00	155.50
843230	95	17868	2016-07-18 00:00:00	261.70
828916	95	18583	2013-07-16 00:00:00	275.30
845317	95	18675	2016-07-18 00:00:00	266.90
834080	95	18815	2013-08-06 00:00:00	146.70
849790	95	18946	2016-08-15 00:00:00	123.00
848650	95	19161	2016-08-15 00:00:00	122.99
845796	95	19741	2016-08-16 00:00:00	123.01
845320	95	19848	2016-08-16 00:00:00	123.00
3650900	479	20130	2007-03-20 12:11:00	1000000.00
3892119	479	WIN_21FLSWFD_670065	2021-07-20 09:07:00	128.00
3732673	540	WIN_21FLWQA_79SEAS164	2018-02-20 11:28:00	120.00
3766987	540	WIN_21FLWQA_79SEAS172	2018-02-20 11:40:00	130.00
3905544	540	WIN_21FLWQA_79SEAS172	2018-06-19 09:30:00	130.00
3922422	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	140.00
5632312	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	239.00
5472150	5014	WIN_21FLGTM_GTMGL2NUT	2019-04-02 12:14:00	123.00
5511196	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	180.00
5473257	5014	WIN_21FLGTM_GTMGL2NUT	2021-05-10 12:11:00	125.00
5353817	10000	72	2016-09-14 00:00:00	136.50

Programs containing flagged data:

95 - Harmful Algal Bloom Marine Observation Network

479 - Southwest Florida Water Management District - Water Quality Monitoring

514 - Florida LAKEWATCH Program

540 - Shellfish Harvest Area Classification Program

4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program

5002 - Florida STORET / WIN

5014 - Guana River and Guana Lake Water Quality Monitoring

10000 - RiverKeeper

Colored dissolved organic matter, CDOM

Table 36: Flagged Values - High Indicator Quantile: **718.17**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3333453	4054	gtmpcnut	2009-06-09 08:55:00	762.8
3336059	4054	gtmpcnut	2009-06-09 13:55:00	754.3
3334282	4054	gtmpcnut	2009-06-09 15:01:00	743.0
3333930	4054	gtmpcnut	2009-06-09 15:02:00	782.6
3355543	4054	gtmpcnut	2012-09-10 07:30:00	858.4
3355317	4054	gtmpcnut	2012-09-10 10:00:00	847.1
3355503	4054	gtmpcnut	2012-09-10 12:30:00	840.0
3355274	4054	gtmpcnut	2012-09-10 15:00:00	852.8
3355827	4054	gtmpcnut	2012-09-10 17:30:00	829.8
3356238	4054	gtmpcnut	2012-09-10 20:00:00	830.4
3356240	4054	gtmpcnut	2012-09-10 22:30:00	850.1
3355329	4054	gtmpcnut	2012-09-11 01:00:00	851.8
3355913	4054	gtmpcnut	2012-09-11 03:30:00	854.0
3355286	4054	gtmpcnut	2012-09-11 06:00:00	876.5
3356248	4054	gtmpcnut	2012-09-11 08:30:00	833.2
3355920	4054	gtmpcnut	2012-09-11 12:20:00	876.6
3355922	4054	gtmpcnut	2012-09-11 12:21:00	864.3

Programs containing flagged data:

4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program
5002 - Florida STORET / WIN

Light Extinction Coefficient

Table 37: Flagged Values - High Indicator Quantile: **7.93948**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1257356	297	217	2013-09-08	8.52
1261574	297	231	2013-09-08	11.21
1260888	297	285	2013-09-06	12.72
1259651	297	287	2013-09-06	10.46
1259858	297	289	2013-09-06	12.38
1255782	297	292	2013-09-06	11.87
1263097	297	500	2013-09-08	10.53
1256184	297	501	2012-05-31	16.93
1259859	297	501	2013-09-08	26.42
1260772	297	503	2013-09-06	10.27
1259008	297	504	2013-09-11	9.00
1262053	297	506	2013-09-12	10.04
1280133	297	506	2020-01-29	11.55

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

5002 - Florida STORET / WIN

Secchi Depth

Table 38: Flagged Values - High Indicator Quantile: **15.2**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1801142	60	5127	1996-08-10 00:00:00	23.00
1801688	60	5128	1996-08-10 00:00:00	20.00
1801090	60	5133	1996-08-11 00:00:00	26.00
1801712	60	5134	1996-08-11 00:00:00	17.00
1801900	60	5136	1996-08-11 00:00:00	22.00
1802030	60	5140	1996-08-12 00:00:00	21.00
1800708	60	58611	2002-05-19 00:00:00	18.20
1803218	60	58622	2002-05-20 00:00:00	20.40
1802032	60	58624	2002-05-20 00:00:00	20.80
1801419	60	58629	2002-05-20 00:00:00	17.40
1801876	60	58633	2002-05-21 00:00:00	17.30
1801713	60	58647	2002-05-22 00:00:00	17.50
1800845	60	5925	1997-07-06 00:00:00	20.00
1802031	60	5934	1997-07-07 00:00:00	20.00
1801548	60	5950	1997-07-09 00:00:00	21.00
1801604	60	5952	1997-07-09 00:00:00	21.00
1800688	60	5953	1997-07-09 00:00:00	21.00
1801605	60	5954	1997-07-09 00:00:00	21.00
1801061	60	5955	1997-07-09 00:00:00	16.00
1803217	60	5956	1997-07-09 00:00:00	17.00
3445100	470	STORET_3203Q13S7	2012-05-22 00:00:00	24.00
3838185	479	20126	2009-07-27 11:33:00	17.57
3822408	479	20127	2009-07-27 11:00:00	19.13
3838075	479	20128	2009-07-27 09:45:00	18.21
3648609	479	20129	2009-07-27 10:35:00	21.02
3720609	537	WIN_21FLCBA_OKA-CB-EVILLE-1	2019-04-23 14:10:00	32.92
3417800	3013	IRLSG060	2022-03-02 00:00:00	140.00
3419113	3013	IRLSG062	2022-03-03 00:00:00	79.00
3418705	3013	IRLSG066	2022-03-04 00:00:00	90.00
3423393	3013	IRLSG069	2022-08-01 00:00:00	130.00
3422401	3013	IRLSG071	2022-08-01 00:00:00	180.00
3423291	3013	IRLSG072	2022-02-24 00:00:00	175.00
3423490	3013	IRLSG084	2022-02-15 00:00:00	90.00
5074385	5026	BB14	2019-05-07 00:00:00	670.56
5656025	5033	WIN_21FLCRCP_BAK031	2018-07-13 10:45:00	16.00
5656024	5033	WIN_21FLCRCP_BAK031	2021-05-12 11:10:00	20.00
5657824	5033	WIN_21FLCRCP_BAK032	2019-09-25 08:05:00	18.00
5657941	5033	WIN_21FLCRCP_BAK032	2019-11-18 14:10:00	20.00
5659056	5033	WIN_21FLCRCP_BAK032	2020-07-09 14:00:00	16.00
5551914	5033	WIN_21FLCRCP_BAK033	2018-06-11 10:55:00	17.00
5545148	5033	WIN_21FLCRCP_BAK033	2018-07-13 10:55:00	16.00
5657704	5033	WIN_21FLCRCP_BAK033	2018-11-20 11:05:00	16.00
5552010	5033	WIN_21FLCRCP_BAK033	2019-08-21 14:25:00	17.00
5545149	5033	WIN_21FLCRCP_BAK033	2019-09-25 07:55:00	16.00
5658837	5033	WIN_21FLCRCP_BAK033	2019-11-18 14:00:00	19.00
5544125	5033	WIN_21FLCRCP_BAK033	2020-06-09 09:45:00	18.00
5544234	5033	WIN_21FLCRCP_BAK033	2020-07-09 13:55:00	16.00
5656026	5033	WIN_21FLCRCP_BAK033	2021-01-05 14:20:00	16.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5545248	5033	WIN_21FLCRCP_BAK033	2021-04-01 13:25:00	16.00
5659624	5033	WIN_21FLCRCP_BOC080	2021-06-11 07:25:00	17.00
5660037	5033	WIN_21FLCRCP_BOC081	2019-06-10 09:55:00	17.00
5659837	5033	WIN_21FLCRCP_BOC081	2019-07-09 08:55:00	20.00
5554353	5033	WIN_21FLCRCP_BOC081	2019-12-02 14:55:00	16.00
5554538	5033	WIN_21FLCRCP_BOC081	2020-04-01 09:00:00	21.00
5663498	5033	WIN_21FLCRCP_BOC081	2020-09-16 10:20:00	17.00
5659626	5033	WIN_21FLCRCP_BOC081	2021-06-11 07:35:00	18.00
5663126	5033	WIN_21FLCRCP_BOC082	2019-06-10 09:50:00	17.00
5551314	5033	WIN_21FLCRCP_BOC082	2019-12-02 15:00:00	16.00
5554717	5033	WIN_21FLCRCP_BOC082	2020-02-17 09:10:00	22.90
5662239	5033	WIN_21FLCRCP_BOC082	2020-08-05 13:00:00	23.80
5662202	5033	WIN_21FLCRCP_BOC082	2020-11-13 08:15:00	19.00
5551313	5033	WIN_21FLCRCP_BOC082	2020-12-01 12:10:00	17.00
5661822	5033	WIN_21FLCRCP_BOC082	2021-06-11 07:45:00	17.00
5552768	5033	WIN_21FLCRCP_BOC083	2019-12-02 14:30:00	16.00
5553005	5033	WIN_21FLCRCP_BOC083	2020-12-01 11:45:00	17.00
5552738	5033	WIN_21FLCRCP_BOC083	2021-06-11 07:15:00	17.00
5553466	5033	WIN_21FLCRCP_BOY094	2018-05-08 09:00:00	15.80
5554978	5033	WIN_21FLCRCP_BOY094	2018-08-09 11:20:00	16.00
5663917	5033	WIN_21FLCRCP_BOY094	2018-10-23 12:40:00	15.80
5665146	5033	WIN_21FLCRCP_BOY094	2020-05-18 10:30:00	22.00
5666722	5033	WIN_21FLCRCP_BOY095	2018-04-11 11:05:00	16.20
5664719	5033	WIN_21FLCRCP_BOY095	2018-05-08 10:15:00	15.80
5555287	5033	WIN_21FLCRCP_BOY095	2018-08-09 12:35:00	15.80
5553649	5033	WIN_21FLCRCP_BOY095	2018-09-20 11:20:00	15.50
5555285	5033	WIN_21FLCRCP_BOY095	2018-10-23 11:30:00	17.70
5666720	5033	WIN_21FLCRCP_BOY095	2019-02-13 07:50:00	16.50
5665381	5033	WIN_21FLCRCP_BOY095	2019-04-15 11:10:00	17.10
5555916	5033	WIN_21FLCRCP_BOY095	2019-07-10 09:20:00	16.80
5664716	5033	WIN_21FLCRCP_BOY095	2019-12-06 09:15:00	15.80
5555286	5033	WIN_21FLCRCP_BOY095	2020-06-08 11:35:00	15.80
5664715	5033	WIN_21FLCRCP_BOY095	2020-11-30 10:50:00	16.20
5666719	5033	WIN_21FLCRCP_BOY095	2020-12-09 09:50:00	15.80
5662289	5033	WIN_21FLCRCP_BOY095	2021-02-11 12:05:00	15.50
5666721	5033	WIN_21FLCRCP_BOY095	2021-03-23 10:15:00	15.50
5664717	5033	WIN_21FLCRCP_BOY095	2021-04-05 08:15:00	15.50
5669549	5033	WIN_21FLCRCP_BOY095	2021-05-04 08:05:00	15.50
5665162	5033	WIN_21FLCRCP_BOY096	2018-05-08 08:45:00	15.50
5556239	5033	WIN_21FLCRCP_BOY096	2018-07-12 13:05:00	16.20
5558752	5033	WIN_21FLCRCP_BOY096	2018-10-23 12:25:00	16.80
5666593	5033	WIN_21FLCRCP_BOY096	2019-02-13 09:40:00	15.50
5665148	5033	WIN_21FLCRCP_BOY096	2019-12-06 08:30:00	15.80
5668012	5033	WIN_21FLCRCP_BOY097	2018-05-08 10:05:00	15.80
5670700	5033	WIN_21FLCRCP_BOY097	2018-07-12 13:45:00	17.40
5559879	5033	WIN_21FLCRCP_BOY097	2018-10-23 11:50:00	17.70
5554118	5033	WIN_21FLCRCP_BOY097	2018-12-10 10:20:00	15.80
5670782	5033	WIN_21FLCRCP_BOY097	2019-12-06 09:05:00	15.50
5553917	5033	WIN_21FLCRCP_BOY097	2020-11-30 10:35:00	17.70
5668010	5033	WIN_21FLCRCP_BOY097	2020-12-09 09:40:00	15.50
5559852	5033	WIN_21FLCRCP_BOY097	2021-01-27 12:10:00	16.00
5661633	5033	WIN_21FLCRCP_BOY098	2018-04-11 11:35:00	18.90

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5668352	5033	WIN_21FLCRCP_BOY098	2018-05-08 10:50:00	16.80
5552633	5033	WIN_21FLCRCP_BOY098	2018-10-23 10:55:00	18.30
5667262	5033	WIN_21FLCRCP_BOY098	2019-02-13 07:10:00	15.50
5662801	5033	WIN_21FLCRCP_BOY098	2019-04-15 11:40:00	15.50
5667265	5033	WIN_21FLCRCP_BOY098	2019-07-10 09:50:00	15.80
5552634	5033	WIN_21FLCRCP_BOY098	2019-12-06 09:40:00	15.80
5663809	5033	WIN_21FLCRCP_BOY098	2020-03-23 15:30:00	15.80
5668394	5033	WIN_21FLCRCP_BOY098	2020-05-18 12:40:00	16.20
5666870	5033	WIN_21FLCRCP_BOY098	2020-06-08 12:05:00	15.80
5554891	5033	WIN_21FLCRCP_BOY098	2020-09-11 09:20:00	16.20
5555107	5033	WIN_21FLCRCP_BOY098	2020-11-30 12:20:00	16.80
5554195	5033	WIN_21FLCRCP_BOY098	2020-12-09 10:10:00	17.10
5663391	5033	WIN_21FLCRCP_BOY098	2021-03-23 10:45:00	15.50
5663392	5033	WIN_21FLCRCP_BOY098	2021-05-04 07:30:00	15.80
5667264	5033	WIN_21FLCRCP_BOY098	2021-06-09 14:05:00	15.80
5666441	5033	WIN_21FLCRCP_BOY099	2018-04-11 11:20:00	15.80
5668395	5033	WIN_21FLCRCP_BOY100	2018-07-12 13:20:00	19.00
5554892	5033	WIN_21FLCRCP_BOY100	2018-10-23 12:05:00	16.80
5555596	5033	WIN_21FLCRCP_BOY100	2019-01-08 13:35:00	16.80
5554895	5033	WIN_21FLCRCP_BOY100	2019-02-13 10:00:00	15.80
5556185	5033	WIN_21FLCRCP_BOY100	2019-12-06 08:40:00	15.80
5554196	5033	WIN_21FLCRCP_BOY100	2020-01-20 08:10:00	15.80
5555112	5033	WIN_21FLCRCP_BOY100	2020-03-23 13:10:00	15.80
5665201	5033	WIN_21FLCRCP_BOY100	2020-07-13 09:10:00	15.50
5552595	5033	WIN_21FLCRCP_BOY100	2020-11-30 08:40:00	19.50
5554894	5033	WIN_21FLCRCP_BOY100	2020-12-09 08:15:00	16.50
5666874	5033	WIN_21FLCRCP_BOY100	2021-05-04 10:05:00	15.50
5668279	5033	WIN_21FLCRCP_BOY100	2021-06-09 11:40:00	15.50
5663850	5033	WIN_21FLCRCP_BOY101	2018-09-20 09:55:00	16.00
5554495	5033	WIN_21FLCRCP_BOY101	2018-10-23 12:50:00	17.10
5667228	5033	WIN_21FLCRCP_BOY101	2020-05-18 10:40:00	24.00
5555657	5033	WIN_21FLCRCP_BOY101	2020-11-30 09:40:00	16.00
5554386	5033	WIN_21FLCRCP_BOY101	2020-12-09 08:45:00	15.50
5663848	5033	WIN_21FLCRCP_BOY101	2021-04-05 09:35:00	15.50
5557003	5033	WIN_21FLCRCP_GOC002	2018-12-11 12:10:00	15.50
5618398	5033	WIN_21FLCRCP_GOC012	2020-01-27 12:15:00	17.00
5618927	5033	WIN_21FLCRCP_GOC012	2021-06-10 11:30:00	18.00
5556533	5033	WIN_21FLCRCP_GOC013	2018-05-11 09:30:00	17.00
5557674	5033	WIN_21FLCRCP_GOC013	2019-04-17 09:25:00	18.00
5618475	5033	WIN_21FLCRCP_GOC013	2019-10-22 09:00:00	19.00
5557456	5033	WIN_21FLCRCP_GOC013	2021-03-14 11:55:00	17.00
5557458	5033	WIN_21FLCRCP_GOC015	2017-12-15 11:10:00	16.00
5556596	5033	WIN_21FLCRCP_HIL053	2020-07-14 07:50:00	39.00
5556408	5033	WIN_21FLCRCP_HIL054	2020-07-14 08:25:00	16.00
5557104	5033	WIN_21FLCRCP_HIL057	2020-07-14 07:05:00	20.00
5555270	5033	WIN_21FLCRCP_HIL058	2020-07-14 06:30:00	16.00
5558906	5033	WIN_21FLCRCP_HIL059	2020-07-14 07:40:00	28.00
5620512	5033	WIN_21FLCRCP_HIL061	2019-02-04 10:10:00	17.00
5621347	5033	WIN_21FLCRCP_HIL061	2019-06-11 09:45:00	16.00
5554990	5033	WIN_21FLCRCP_HIL061	2020-09-09 14:45:00	18.00
5618685	5033	WIN_21FLCRCP_HIL061	2021-02-03 13:55:00	20.00
5620998	5033	WIN_21FLCRCP_HIL061	2021-06-04 07:50:00	18.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5621373	5033	WIN_21FLCRCP_HIL062	2018-05-10 10:15:00	16.00
5621090	5033	WIN_21FLCRCP_HIL062	2019-06-11 10:15:00	18.00
5618866	5033	WIN_21FLCRCP_HIL062	2020-08-06 12:10:00	17.00
5557179	5033	WIN_21FLCRCP_HIL062	2020-09-09 14:30:00	18.00
5620161	5033	WIN_21FLCRCP_HIL062	2021-02-03 13:30:00	20.00
5620435	5033	WIN_21FLCRCP_HIL062	2021-04-14 12:00:00	16.00
5620436	5033	WIN_21FLCRCP_HIL062	2021-06-04 07:20:00	18.00
5621194	5033	WIN_21FLCRCP_HIL063	2018-04-03 13:15:00	16.00
5558911	5033	WIN_21FLCRCP_HIL063	2019-01-03 09:55:00	18.00
5558765	5033	WIN_21FLCRCP_HIL063	2019-02-04 10:10:00	18.00
5618522	5033	WIN_21FLCRCP_HIL063	2019-06-11 10:05:00	20.00
5556804	5033	WIN_21FLCRCP_HIL063	2019-12-04 15:50:00	18.00
5620515	5033	WIN_21FLCRCP_HIL063	2020-08-06 12:25:00	17.00
5556805	5033	WIN_21FLCRCP_HIL063	2021-03-04 14:00:00	17.00
5620066	5033	WIN_21FLCRCP_ILW117	2018-03-15 10:35:00	17.10
5623186	5033	WIN_21FLCRCP_ILW117	2018-04-24 09:00:00	17.40
5556750	5033	WIN_21FLCRCP_ILW117	2019-01-16 09:15:00	17.10
5625694	5033	WIN_21FLCRCP_ILW117	2019-02-07 14:10:00	16.80
5623188	5033	WIN_21FLCRCP_ILW117	2019-07-11 07:30:00	16.50
5624271	5033	WIN_21FLCRCP_ILW117	2019-12-11 10:20:00	16.80
5556123	5033	WIN_21FLCRCP_ILW117	2020-01-08 09:50:00	16.80
5629078	5033	WIN_21FLCRCP_ILW117	2020-03-23 10:40:00	16.80
5556125	5033	WIN_21FLCRCP_ILW117	2020-07-06 11:50:00	15.50
5556751	5033	WIN_21FLCRCP_ILW117	2020-08-13 06:35:00	16.80
5556416	5033	WIN_21FLCRCP_ILW117	2020-09-03 12:30:00	16.20
5556679	5033	WIN_21FLCRCP_ILW117	2020-10-26 07:45:00	15.80
5619984	5033	WIN_21FLCRCP_ILW117	2020-12-09 06:00:00	18.00
5556749	5033	WIN_21FLCRCP_ILW117	2021-01-14 11:05:00	16.80
5625165	5033	WIN_21FLCRCP_ILW117	2021-04-08 09:00:00	15.80
5624272	5033	WIN_21FLCRCP_ILW117	2021-05-05 07:30:00	15.80
5625166	5033	WIN_21FLCRCP_ILW117	2021-06-03 09:00:00	15.80
5628697	5033	WIN_21FLCRCP_JUP128	2019-02-06 13:00:00	15.80
5627824	5033	WIN_21FLCRCP_JUP129	2019-02-06 12:50:00	16.20
5563095	5033	WIN_21FLCRCP_JUP129	2020-06-01 10:10:00	15.80
5632266	5033	WIN_21FLCRCP_PEV050	2018-04-12 11:50:00	15.80
5635786	5033	WIN_21FLCRCP_PEV050	2018-05-01 10:55:00	20.70
5565204	5033	WIN_21FLCRCP_PEV051	2018-04-12 12:00:00	16.20
5565205	5033	WIN_21FLCRCP_PEV051	2018-05-01 11:15:00	17.10
5638850	5033	WIN_21FLCRCP_PEV051	2018-07-03 13:20:00	16.50
5564861	5033	WIN_21FLCRCP_PEV051	2019-03-12 13:40:00	16.50
5564864	5033	WIN_21FLCRCP_PEV051	2020-05-22 10:05:00	15.80
5563239	5033	WIN_21FLCRCP_PEV051	2020-06-09 13:20:00	16.00
5629590	5033	WIN_21FLCRCP_PEV051	2020-09-08 14:15:00	15.80
5564863	5033	WIN_21FLCRCP_PEV051	2021-05-10 10:20:00	17.10
5565764	5033	WIN_21FLCRCP_PEV052	2018-04-12 11:20:00	17.70
5558708	5033	WIN_21FLCRCP_PEV052	2018-05-01 11:25:00	18.90
5565973	5033	WIN_21FLCRCP_PEV052	2018-07-03 13:45:00	17.00
5635787	5033	WIN_21FLCRCP_PEV052	2019-11-19 15:20:00	16.00
5565972	5033	WIN_21FLCRCP_PEV052	2020-05-22 10:35:00	20.00
5566315	5033	WIN_21FLCRCP_PEV052	2020-06-09 13:00:00	16.00
5634898	5033	WIN_21FLCRCP_PEV052	2020-09-08 14:35:00	18.60
5565971	5033	WIN_21FLCRCP_PEV052	2021-05-10 10:50:00	17.70

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5632735	5033	WIN_21FLCRCP_PEV053	2019-03-12 14:00:00	33.00
5561144	5033	WIN_21FLCRCP_PEV053	2019-06-12 08:30:00	19.00
5563217	5033	WIN_21FLCRCP_PEV053	2020-06-09 13:10:00	18.00
5632032	5033	WIN_21FLCRCP_PEV053	2020-10-15 09:30:00	17.00
5633448	5033	WIN_21FLCRCP_PEV053	2021-01-08 09:20:00	17.00
5635428	5033	WIN_21FLCRCP_PEV053	2021-02-02 13:15:00	22.00
5561424	5033	WIN_21FLCRCP_PEV053	2021-05-10 10:40:00	17.00

Programs containing flagged data:

60 - Southeast Area Monitoring and Assessment Program (SEAMAP) - Gulf of Mexico Fall & Summer Shrimp/Groundfish Survey
103 - EPA STOrage and RETrieval Data Warehouse (STORET)
470 - St. Andrews Aquatic Preserve Water Quality Monitoring
479 - Southwest Florida Water Management District - Water Quality Monitoring
514 - Florida LAKEWATCH Program
537 - Choctawhatchee Basin Alliance Living Shorelines Oyster Reef Monitoring
3013 - Seagrass (SJRWMD)
5002 - Florida STORET / WIN
5026 - North Biscayne Bay Seagrass Loss Water Quality Program
5033 - Southeast Florida Water Quality Assessment Survey

Total Suspended Solids, TSS

Table 39: Flagged Values - High Indicator Quantile: **185.7824**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3590635	513	STORET_CHNEPCHW-78	2004-07-13 00:00:00	212
3593723	513	STORET_CHNEPLL-520	2004-06-24 00:00:00	277
3905348	513	WIN_CHNEPMP_268_226	2022-04-28 10:17:00	525
3748695	4054	WIN_21FLWQA_GTMPCNUT	2014-08-06 19:30:00	186
3920941	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 19:30:00	460
3749381	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	232
3750042	4054	WIN_21FLWQA_GTMPCNUT	2015-06-30 10:30:00	254
3746894	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 19:30:00	360
3749174	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 22:00:00	428
3750680	4054	WIN_21FLWQA_GTMPCNUT	2015-09-07 19:30:00	216
3358029	4054	gtmpcnut	2014-08-06 18:30:00	186
5647453	5033	WIN_21FLCRCP_BAK020	2017-10-24 11:50:00	251
5647452	5033	WIN_21FLCRCP_BAK020	2017-10-24 11:55:00	361
5530882	5033	WIN_21FLCRCP_BAK021	2017-10-24 12:05:00	434
5531060	5033	WIN_21FLCRCP_BAK022	2017-10-24 11:25:00	225
5532314	5033	WIN_21FLCRCP_BAK023	2017-10-24 11:35:00	228
5647655	5033	WIN_21FLCRCP_HIL052	2017-12-12 09:10:00	260

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

513 - Coastal Charlotte Harbor Monitoring Network

4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Turbidity

Table 40: Flagged Values - High Indicator Quantile: **127**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1165348	95	18583	2013-07-16 00:00:00	2127.90
3703929	303	WIN_21FLSCCF_DZPIS03	2019-08-21 09:15:00	142.45
3702589	303	WIN_21FLSCCF_DZPIS03	2019-09-18 09:43:00	558.85
3900358	303	WIN_21FLSCCF_NWR01	2019-06-05 08:53:00	143.21
3702888	303	WIN_21FLSCCF_NWR01	2020-02-24 09:34:00	163.39
3700667	303	WIN_21FLSCCF_NWR01	2020-11-17 09:46:00	353.31
3901738	303	WIN_21FLSCCF_NWR02	2019-06-05 08:38:00	433.09
3899568	303	WIN_21FLSCCF_NWR02	2019-11-20 12:06:00	379.22
3899535	303	WIN_21FLSCCF_NWR02	2020-09-10 10:45:00	847.26
3701998	303	WIN_21FLSCCF_NWR03	2019-10-23 08:30:00	185.33
3702591	303	WIN_21FLSCCF_NWR09	2020-09-10 09:35:00	331.88
3900559	303	WIN_21FLSCCF_NWR09	2021-02-17 10:15:00	138.69
3899862	303	WIN_21FLSCCF_NWR10	2019-06-05 10:10:00	292.84
3899752	303	WIN_21FLSCCF_NWR10	2019-07-15 10:47:00	152.92
3899753	303	WIN_21FLSCCF_NWR10	2019-08-21 10:07:00	190.70
3899863	303	WIN_21FLSCCF_NWR10	2019-10-23 10:09:00	181.17
3899777	303	WIN_21FLSCCF_NWR10	2020-02-24 11:14:00	634.29
3703344	303	WIN_21FLSCCF_NWR10	2020-11-17 11:17:00	614.58
3702079	303	WIN_21FLSCCF_SCAL_SPAT03	2019-10-23 11:15:00	166.22
3902370	303	WIN_21FLSCCF_SCAL_SPAT06	2019-11-20 11:17:00	204.12
3703090	303	WIN_21FLSCCF_SCAL_SPAT06	2020-02-24 12:35:00	152.46
3704410	303	WIN_21FLSCCF_SCAL_SPAT09	2019-06-05 13:27:00	327.57
3700331	303	WIN_21FLSCCF_SCAL_SPAT09	2019-09-18 12:40:00	264.88
3702971	303	WIN_21FLSCCF_SCAL_SPAT09	2020-02-24 13:08:00	182.99
3487110	354	rkblhnut	2004-08-30 08:30:00	192.00
3484524	354	rkblhnut	2004-08-30 11:00:00	197.00
3485429	354	rkblhnut	2004-08-30 13:30:00	202.00
3487116	354	rkblhnut	2004-08-30 16:00:00	207.00
3486677	354	rkblhnut	2004-08-30 18:30:00	212.00
3486166	354	rkblhnut	2004-08-30 21:00:00	217.00
3488187	354	rkblhnut	2004-08-30 23:30:00	222.00
3485703	354	rkblhnut	2004-08-31 02:00:00	227.00
3490066	354	rkblhnut	2004-08-31 04:30:00	232.00
3488191	354	rkblhnut	2004-08-31 07:00:00	237.00
3495906	354	rkblhnut	2005-10-16 08:30:00	294.80
3499370	354	rkblhnut	2005-10-16 16:00:00	358.10
3499498	354	rkblhnut	2005-10-16 21:00:00	197.60
3500764	354	rkblhnut	2005-10-16 23:30:00	371.50
3401320	4058	56	2017-04-18 12:45:00	478.00
5076958	5026	WQ01	2019-09-10 00:00:00	495.76

Programs containing flagged data:

95 - Harmful Algal Bloom Marine Observation Network

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

303 - River, Estuary and Coastal Observing Network

354 - Rookery Bay National Estuarine Research Reserve System-Wide Monitoring Program

4058 - City of Miami Beach Water Monitoring

5002 - Florida STORET / WIN

5026 - North Biscayne Bay Seagrass Loss Water Quality Program

Indicator: Water Quality

Dissolved Oxygen

Table 41: Flagged Values - High Indicator Quantile: **14.3**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
354247	69	APM2000030206	2000-03-02 00:00:00	15.90
546095	69	APM2001010103	2001-01-03 00:00:00	15.40
358104	69	APM2001010204	2001-01-04 00:00:00	16.70
383309	69	APM2004110706	2004-11-17 00:00:00	15.40
601366	69	APM2005010105	2005-01-03 00:00:00	15.80
609015	69	APM2005010105	2005-01-03 00:00:00	15.90
607089	69	APM2005010207	2005-01-04 00:00:00	16.50
403240	69	APM2005100705	2005-10-18 00:00:00	14.40
404388	69	APM2005120804	2005-12-14 00:00:00	15.50
406333	69	APM2005120804	2005-12-14 00:00:00	15.20
409831	69	APM2006061003	2006-06-19 00:00:00	16.70
362366	69	APM2008080106	2008-08-05 00:00:00	16.80
358307	69	APM2009010601	2009-01-14 00:00:00	14.60
360102	69	APM2009010601	2009-01-14 00:00:00	14.60
367726	69	APM2009010603	2009-01-14 00:00:00	14.60
363434	69	APM2009010604	2009-01-14 00:00:00	16.70
366991	69	APM2009010606	2009-01-14 00:00:00	14.90
370374	69	APM2009010606	2009-01-14 00:00:00	15.40
363396	69	APM2009011005	2009-01-26 00:00:00	15.50
369979	69	APM2009060206	2009-06-02 00:00:00	15.70
668969	69	APM2009110707	2009-11-17 00:00:00	14.50
670641	69	APM2009110707	2009-11-17 00:00:00	14.40
370511	69	APM2010010202	2010-01-07 00:00:00	14.50
364955	69	APM2010011004	2010-01-27 00:00:00	15.70
367373	69	APM2010011004	2010-01-27 00:00:00	16.10
364625	69	APM2010040104	2010-04-01 00:00:00	14.70
364968	69	APM2010040104	2010-04-01 00:00:00	14.60
369654	69	APM2010110605	2010-11-10 00:00:00	14.50
675694	69	APM2011020606	2011-02-15 00:00:00	15.80
676283	69	APM2011020606	2011-02-15 00:00:00	15.80
699760	69	APM2015020710	2015-02-12 00:00:00	14.50
699762	69	APM2015020710	2015-02-12 00:00:00	14.50
381433	69	APM2015040608	2015-04-14 00:00:00	14.40
386555	69	APM2015040608	2015-04-14 00:00:00	18.20
396197	69	APM2016030210	2016-03-07 00:00:00	14.50
716406	69	APM2016060107	2016-06-01 00:00:00	16.00
470590	69	CHD1997120203	1997-12-02 00:00:00	15.10
402913	69	CHD2001121703	2001-12-17 00:00:00	14.60
585402	69	CHD2001121704	2001-12-17 00:00:00	14.60
584887	69	CHD2001121705	2001-12-17 00:00:00	15.20
583344	69	CHD2006103008	2006-10-30 00:00:00	14.90
587363	69	CHD2006103008	2006-10-30 00:00:00	14.90
590633	69	CHD2016031706	2016-03-17 00:00:00	14.40
477105	69	CHD2016092104	2016-09-21 00:00:00	14.90
594975	69	CHM1990112021	1990-11-20 00:00:00	14.60
594576	69	CHM1996042612	1996-04-26 00:00:00	14.80
511741	69	CHM1996091306	1996-09-13 00:00:00	15.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
494043	69	CHM1996092007	1996-09-20 00:00:00	16.70
409346	69	CHM1997121811	1997-12-18 00:00:00	16.60
497133	69	CHM1998110614	1998-11-06 00:00:00	14.40
495286	69	CHM1998111213	1998-11-12 00:00:00	14.40
405500	69	CHM2000082212	2000-08-22 00:00:00	16.20
455579	69	CHM2000101812	2000-10-18 00:00:00	14.40
599839	69	CHM2001062104	2001-06-21 00:00:00	15.20
605222	69	CHM2001062104	2001-06-21 00:00:00	14.70
467186	69	CHM2001102907	2001-10-29 00:00:00	14.60
603301	69	CHM2002091605	2002-09-16 00:00:00	14.50
501702	69	CHM2002121905	2002-12-19 00:00:00	14.50
504170	69	CHM2003011409	2003-01-14 00:00:00	15.10
506433	69	CHM2003011409	2003-01-14 00:00:00	15.00
438547	69	CHM2003040204	2003-04-02 00:00:00	14.50
436808	69	CHM2003060307	2003-06-09 00:00:00	14.70
438585	69	CHM2003060307	2003-06-09 00:00:00	14.80
532457	69	CHM2004010708	2004-01-21 00:00:00	14.50
665594	69	CHM2004040305	2004-04-28 00:00:00	59.50
412590	69	CHM2004120407	2004-12-28 00:00:00	16.60
426657	69	CHM2005010405	2005-01-07 00:00:00	46.30
428533	69	CHM2005041308	2005-04-19 00:00:00	15.30
428877	69	CHM2005041308	2005-04-19 00:00:00	15.60
676410	69	CHM2005051009	2005-05-19 00:00:00	14.80
429958	69	CHM2005111107	2005-11-17 00:00:00	14.90
439333	69	CHM2005121106	2005-12-02 00:00:00	15.50
444313	69	CHM2006031006	2006-03-28 00:00:00	14.50
447520	69	CHM2006031006	2006-03-28 00:00:00	14.50
682487	69	CHM2006061204	2006-06-15 00:00:00	14.70
683904	69	CHM2006061204	2006-06-15 00:00:00	14.60
446119	69	CHM2006061506	2006-06-16 00:00:00	15.70
451015	69	CHM2006061506	2006-06-16 00:00:00	15.80
679881	69	CHM2006100507	2006-10-23 00:00:00	14.50
680104	69	CHM2006100507	2006-10-23 00:00:00	14.50
471253	69	CHM2006101006	2006-10-25 00:00:00	17.80
470855	69	CHM2006101204	2006-10-03 00:00:00	15.40
470911	69	CHM2006101204	2006-10-03 00:00:00	14.90
687041	69	CHM2007021505	2007-02-14 00:00:00	16.20
687042	69	CHM2007021505	2007-02-14 00:00:00	16.00
454634	69	CHM2007061204	2007-06-07 00:00:00	16.20
457676	69	CHM2007061204	2007-06-07 00:00:00	15.00
684727	69	CHM2007080304	2007-08-06 00:00:00	16.50
688189	69	CHM2007080304	2007-08-06 00:00:00	16.40
688191	69	CHM2007081403	2007-08-07 00:00:00	14.40
513053	69	CHM2007090206	2007-09-17 00:00:00	14.50
685420	69	CHM2008080805	2008-08-06 00:00:00	16.20
485004	69	CHM2008080806	2008-08-06 00:00:00	18.30
487439	69	CHM2008081407	2008-08-27 00:00:00	15.10
487888	69	CHM2008081407	2008-08-27 00:00:00	14.70
449098	69	CHM2009071305	2009-07-13 00:00:00	15.70
466926	69	CHM2009101308	2009-10-09 00:00:00	14.70
455280	69	CHM2009110404	2009-11-24 00:00:00	17.30
461563	69	CHM2009111206	2009-11-05 00:00:00	14.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
445323	69	CHM2010050908	2010-05-13 00:00:00	14.70
447443	69	CHM2010050908	2010-05-13 00:00:00	14.70
427162	69	CHM2010051704	2010-05-24 00:00:00	14.40
705941	69	CHM2010071705	2010-07-19 00:00:00	14.90
706403	69	CHM2010071705	2010-07-19 00:00:00	14.90
519499	69	CHM2011070907	2011-07-18 00:00:00	14.60
438996	69	CHM2011120805	2011-12-02 00:00:00	15.60
448475	69	CHM2012051006	2012-05-11 00:00:00	14.90
450099	69	CHM2012091008	2012-09-14 00:00:00	15.20
745682	69	CHM2012100408	2012-10-05 00:00:00	14.90
411221	69	CHM2013050505	2013-05-24 00:00:00	14.50
481553	69	CHM2013060708	2013-06-10 00:00:00	15.10
423320	69	CHM2013081104	2013-08-14 00:00:00	15.60
448653	69	CHM2013091203	2013-09-27 00:00:00	15.60
449538	69	CHM2013091203	2013-09-27 00:00:00	15.50
753022	69	CHM2013120906	2013-12-20 00:00:00	15.20
459816	69	CHM2014050904	2014-05-09 00:00:00	14.70
463113	69	CHM2014050904	2014-05-09 00:00:00	14.50
463229	69	CHM2014050904	2014-05-09 00:00:00	14.90
516719	69	CHM2014051006	2014-05-06 00:00:00	18.00
519527	69	CHM2014051006	2014-05-06 00:00:00	18.00
419190	69	CHM2014061003	2014-06-16 00:00:00	14.80
419227	69	CHM2014061003	2014-06-16 00:00:00	14.60
331903	69	CHM2015010804	2015-01-06 00:00:00	14.80
588320	69	CHM2015071304	2015-07-21 00:00:00	15.30
588321	69	CHM2015071304	2015-07-21 00:00:00	15.40
379125	69	CHM2015110804	2015-11-12 00:00:00	16.20
382861	69	CHM2015110804	2015-11-12 00:00:00	16.60
589824	69	CHM2015111005	2015-11-03 00:00:00	16.50
447695	69	CHM2015111104	2015-11-13 00:00:00	15.80
447715	69	CHM2015111104	2015-11-13 00:00:00	14.50
386050	69	CHM2015111105	2015-11-13 00:00:00	17.20
386216	69	CHM2015111105	2015-11-13 00:00:00	16.90
411179	69	CHM2016011305	2016-01-06 00:00:00	14.60
385891	69	CHM2016011309	2016-01-06 00:00:00	14.90
390009	69	CHM2016011309	2016-01-06 00:00:00	15.10
410975	69	CHM2016011407	2016-01-12 00:00:00	14.40
449979	69	CHM2016031504	2016-03-23 00:00:00	14.50
450154	69	CHM2016031504	2016-03-23 00:00:00	14.60
600354	69	CHM2016081703	2016-08-24 00:00:00	14.40
419047	69	CHM2016081904	2016-08-26 00:00:00	16.30
412438	69	CHM2016120708	2016-12-02 00:00:00	15.30
415227	69	CHM2016120708	2016-12-02 00:00:00	15.30
330605	69	CHM2017021503	2017-02-20 00:00:00	15.20
415601	69	CHM2017050907	2017-05-08 00:00:00	15.00
415696	69	CHM2017050907	2017-05-08 00:00:00	15.40
330822	69	CHM2017061210	2017-06-09 00:00:00	15.20
332344	69	CHM2017061210	2017-06-09 00:00:00	15.30
600988	69	CHM2017071902	2017-07-11 00:00:00	14.60
606261	69	CHM2017071902	2017-07-11 00:00:00	14.40
418066	69	CKM2001020502	2001-02-12 00:00:00	14.40
623481	69	CKM2002070905	2002-07-16 00:00:00	14.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
630089	69	CKM2002070905	2002-07-16 00:00:00	14.90
624082	69	CKM2002071502	2002-07-30 00:00:00	14.60
414273	69	CKM2003020907	2003-02-20 00:00:00	15.90
333924	69	CKM2003020908	2003-02-20 00:00:00	14.40
413868	69	CKM2003040206	2003-04-02 00:00:00	14.50
415845	69	CKM2003040207	2003-04-02 00:00:00	16.50
416629	69	CKM2003040207	2003-04-02 00:00:00	16.50
413749	69	CKM2003040208	2003-04-02 00:00:00	18.60
413795	69	CKM2003040208	2003-04-02 00:00:00	18.60
415886	69	CKM2003040209	2003-04-02 00:00:00	18.60
416630	69	CKM2003040209	2003-04-02 00:00:00	18.60
410931	69	CKM2006040101	2006-04-03 00:00:00	14.40
410932	69	CKM2006040101	2006-04-03 00:00:00	14.40
414427	69	CKM2006040101	2006-04-03 00:00:00	14.40
414500	69	CKM2006040101	2006-04-03 00:00:00	14.50
412967	69	CKM2007010408	2007-01-11 00:00:00	19.40
417381	69	CKM2007010408	2007-01-11 00:00:00	20.40
347136	69	CKM2007010409	2007-01-11 00:00:00	14.50
344914	69	CKM2008100708	2008-10-22 00:00:00	14.70
346275	69	CKM2008100708	2008-10-22 00:00:00	14.70
678088	69	CKM2010010407	2010-01-13 00:00:00	15.90
470509	69	CKM2010110802	2010-11-15 00:00:00	15.60
473809	69	CKM2010110802	2010-11-15 00:00:00	15.80
471194	69	CKM2010110803	2010-11-15 00:00:00	14.60
349604	69	CKM2011110605	2011-11-10 00:00:00	14.60
347657	69	CKM2011110606	2011-11-10 00:00:00	14.90
480500	69	CKM2011110608	2011-11-10 00:00:00	15.10
480507	69	CKM2011110608	2011-11-10 00:00:00	14.70
686092	69	CKM2011110609	2011-11-10 00:00:00	14.90
437240	69	CKM2011110801	2011-11-15 00:00:00	17.10
348751	69	CKM2011110803	2011-11-15 00:00:00	18.50
479948	69	CKM2012010405	2012-01-09 00:00:00	14.60
481499	69	CKM2012010405	2012-01-09 00:00:00	14.40
692549	69	CKM2014110207	2014-11-05 00:00:00	15.60
693548	69	CKM2014110402	2014-11-07 00:00:00	14.70
694392	69	CKM2014110402	2014-11-07 00:00:00	15.10
693452	69	CKM2015010106	2015-01-06 00:00:00	17.00
693453	69	CKM2015010106	2015-01-06 00:00:00	16.30
421375	69	CKM2015120105	2015-12-01 00:00:00	14.90
421376	69	CKM2015120105	2015-12-01 00:00:00	15.50
400914	69	CKM2015120108	2015-12-01 00:00:00	15.30
404099	69	CKM2015120108	2015-12-01 00:00:00	14.70
510366	69	CKM2016120208	2016-12-05 00:00:00	14.50
510477	69	CKM2016120208	2016-12-05 00:00:00	14.60
415751	69	IRM1998081306	1998-08-13 00:00:00	17.50
511079	69	IRM1999060905	1999-06-09 00:00:00	14.70
449589	69	IRM2001080507	2001-08-16 00:00:00	15.30
628198	69	IRM2002120608	2002-12-16 00:00:00	15.90
541888	69	IRM2005050710	2005-05-16 00:00:00	22.20
445961	69	IRM2008120403	2008-12-03 00:00:00	14.60
434437	69	IRM2010010202	2010-01-08 00:00:00	14.40
430902	69	IRM2010010206	2010-01-08 00:00:00	14.80

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
415220	69	IRM2010010605	2010-01-20 00:00:00	15.10
415785	69	IRM2010010605	2010-01-20 00:00:00	15.00
431679	69	IRM2010010607	2010-01-20 00:00:00	15.70
431704	69	IRM2010010607	2010-01-20 00:00:00	16.50
433586	69	IRM2010010607	2010-01-20 00:00:00	16.90
662277	69	JXM2004010105	2004-01-05 00:00:00	14.50
662657	69	JXM2004010107	2004-01-05 00:00:00	14.60
666772	69	JXM2004010107	2004-01-05 00:00:00	14.40
430800	69	JXM2004010502	2004-01-21 00:00:00	15.00
436016	69	JXM2004010502	2004-01-21 00:00:00	14.50
486837	69	JXM2004010503	2004-01-21 00:00:00	14.70
489159	69	JXM2004010503	2004-01-21 00:00:00	14.40
488617	69	JXM2004010504	2004-01-21 00:00:00	14.90
490469	69	JXM2004010504	2004-01-21 00:00:00	14.40
416307	69	JXM2004010505	2004-01-21 00:00:00	17.00
484196	69	JXM2004010508	2004-01-21 00:00:00	14.80
484242	69	JXM2004010508	2004-01-21 00:00:00	15.50
487456	69	JXM2004010508	2004-01-21 00:00:00	14.60
431691	69	JXM2004010701	2004-01-26 00:00:00	14.60
418243	69	JXM2004010704	2004-01-26 00:00:00	15.10
419058	69	JXM2004010704	2004-01-26 00:00:00	14.50
419123	69	JXM2004010704	2004-01-26 00:00:00	14.70
663824	69	JXM2004010705	2004-01-26 00:00:00	14.60
664026	69	JXM2004010705	2004-01-26 00:00:00	15.70
414942	69	JXM2004010707	2004-01-26 00:00:00	15.00
415028	69	JXM2004010707	2004-01-26 00:00:00	14.50
413650	69	JXM2004010708	2004-01-26 00:00:00	15.40
416077	69	JXM2004010708	2004-01-26 00:00:00	15.70
664498	69	JXM2004010709	2004-01-26 00:00:00	14.80
664615	69	JXM2004010709	2004-01-26 00:00:00	14.40
664630	69	JXM2004010709	2004-01-26 00:00:00	14.60
665172	69	JXM2004010710	2004-01-26 00:00:00	15.00
665324	69	JXM2004010710	2004-01-26 00:00:00	14.80
490470	69	JXM2004011008	2004-01-29 00:00:00	14.70
434401	69	JXM2004011009	2004-01-29 00:00:00	14.90
434402	69	JXM2004011009	2004-01-29 00:00:00	14.70
434524	69	JXM2004011009	2004-01-29 00:00:00	15.00
435322	69	JXM2004011009	2004-01-29 00:00:00	14.90
435323	69	JXM2004011009	2004-01-29 00:00:00	14.70
663217	69	JXM2004060208	2004-06-03 00:00:00	15.00
663592	69	JXM2004060208	2004-06-03 00:00:00	15.00
667609	69	JXM2004060208	2004-06-03 00:00:00	16.00
663121	69	JXM2007110501	2007-11-13 00:00:00	15.00
489571	69	JXM2007110504	2007-11-13 00:00:00	14.60
491084	69	JXM2007110504	2007-11-13 00:00:00	15.00
491085	69	JXM2007110504	2007-11-13 00:00:00	14.60
492125	69	JXM2007110505	2007-11-13 00:00:00	15.00
492151	69	JXM2007110505	2007-11-13 00:00:00	15.00
492336	69	JXM2007110505	2007-11-13 00:00:00	15.30
492337	69	JXM2007110505	2007-11-13 00:00:00	15.00
429803	69	JXM2007110506	2007-11-13 00:00:00	14.90
432783	69	JXM2007110506	2007-11-13 00:00:00	15.10

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
434783	69	JXM2007110506	2007-11-13 00:00:00	15.10
429804	69	JXM2007110507	2007-11-13 00:00:00	14.80
434784	69	JXM2007110507	2007-11-13 00:00:00	15.90
665243	69	JXM2007110508	2007-11-13 00:00:00	15.10
665380	69	JXM2007110508	2007-11-13 00:00:00	16.10
441325	69	JXM2007110601	2007-11-21 00:00:00	15.50
475903	69	JXM2010020508	2010-02-18 00:00:00	14.90
668491	69	JXM2011120302	2011-12-20 00:00:00	14.90
457275	69	JXM2011120308	2011-12-20 00:00:00	14.40
662914	69	JXM2012030203	2012-03-21 00:00:00	18.40
662915	69	JXM2012030203	2012-03-21 00:00:00	17.70
666681	69	JXM2012030203	2012-03-21 00:00:00	16.90
667528	69	JXM2012030203	2012-03-21 00:00:00	16.10
476307	69	JXM2012030204	2012-03-21 00:00:00	21.80
480226	69	JXM2012030204	2012-03-21 00:00:00	19.50
515114	69	JXM2017110601	2017-11-09 00:00:00	37.40
457592	69	JXM2017120301	2017-12-01 00:00:00	20.20
457796	69	LBM2009121904	2009-12-01 00:00:00	14.40
460547	69	TBD1997102301	1997-10-23 00:00:00	96.30
461423	69	TBD2007010204	2007-01-11 00:00:00	14.40
559172	69	TBD2007010205	2007-01-11 00:00:00	14.50
564235	69	TBD2007010205	2007-01-11 00:00:00	15.00
461485	69	TBD2007010206	2007-01-11 00:00:00	15.30
459235	69	TBD2011080109	2011-08-15 00:00:00	16.00
459287	69	TBD2011080109	2011-08-15 00:00:00	15.40
667969	69	TBD2016030106	2016-03-22 00:00:00	14.50
501901	69	TBD2016100106	2016-10-25 00:00:00	16.10
501954	69	TBD2016100106	2016-10-25 00:00:00	16.20
501490	69	TBD2016110204	2016-11-15 00:00:00	14.70
504961	69	TBD2016110204	2016-11-15 00:00:00	14.60
562064	69	TBM1989110630	1989-11-06 00:00:00	15.90
507485	69	TBM1990112022	1990-11-20 00:00:00	15.30
498451	69	TBM1998041602	1998-04-16 00:00:00	15.90
698518	69	TBM2000031304	2000-03-13 00:00:00	18.80
709425	69	TBM2000121302	2000-12-13 00:00:00	17.50
501425	69	TBM2002127401	2002-12-12 00:00:00	16.20
558762	69	TBM2003017218	2003-01-21 00:00:00	14.80
552815	69	TBM2003021006	2003-02-14 00:00:00	15.40
552970	69	TBM2003021006	2003-02-14 00:00:00	16.00
552971	69	TBM2003021006	2003-02-14 00:00:00	15.20
566236	69	TBM2003060504	2003-06-06 00:00:00	15.60
566291	69	TBM2003060504	2003-06-06 00:00:00	16.10
543727	69	TBM2004031809	2004-03-11 00:00:00	16.10
538910	69	TBM2004031811	2004-03-11 00:00:00	16.50
543084	69	TBM2004031812	2004-03-11 00:00:00	14.60
543852	69	TBM2004031812	2004-03-11 00:00:00	14.70
543920	69	TBM2004031812	2004-03-11 00:00:00	14.50
530372	69	TBM2004031813	2004-03-11 00:00:00	16.60
530373	69	TBM2004031813	2004-03-11 00:00:00	19.70
732331	69	TBM2004031814	2004-03-11 00:00:00	18.80
733189	69	TBM2004031814	2004-03-11 00:00:00	18.80
542313	69	TBM2004031815	2004-03-11 00:00:00	17.80

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
542355	69	TBM2004031815	2004-03-11 00:00:00	18.30
542543	69	TBM2004031815	2004-03-11 00:00:00	18.30
509523	69	TBM2004031816	2004-03-11 00:00:00	16.20
509968	69	TBM2004031816	2004-03-11 00:00:00	16.00
559861	69	TBM2005080807	2005-08-09 00:00:00	15.60
528522	69	TBM2005090405	2005-09-06 00:00:00	16.60
528523	69	TBM2005090405	2005-09-06 00:00:00	16.70
743028	69	TBM2006092003	2006-09-25 00:00:00	14.70
559337	69	TBM2006092005	2006-09-25 00:00:00	17.00
742476	69	TBM2006092006	2006-09-25 00:00:00	15.50
566612	69	TBM2006092014	2006-09-25 00:00:00	14.70
570110	69	TBM2006092207	2006-09-26 00:00:00	14.50
570256	69	TBM2006092207	2006-09-26 00:00:00	14.40
557773	69	TBM2006092210	2006-09-26 00:00:00	14.70
573545	69	TBM2008030406	2008-03-03 00:00:00	14.40
518284	69	TBM2008090608	2008-09-18 00:00:00	14.70
527516	69	TBM2008090608	2008-09-18 00:00:00	14.70
520545	69	TBM2008090901	2008-09-12 00:00:00	34.60
520547	69	TBM2008090901	2008-09-12 00:00:00	31.10
578178	69	TBM2010080607	2010-08-19 00:00:00	15.80
589864	69	TBM2011040115	2011-04-13 00:00:00	14.70
562012	69	TBM2011041208	2011-04-14 00:00:00	14.40
538706	69	TBM2011081208	2011-08-18 00:00:00	18.10
538769	69	TBM2011081208	2011-08-18 00:00:00	18.20
583631	69	TBM2012020701	2012-02-13 00:00:00	14.40
583717	69	TBM2012020701	2012-02-13 00:00:00	14.70
590223	69	TBM2012020702	2012-02-13 00:00:00	15.20
590224	69	TBM2012020702	2012-02-13 00:00:00	16.10
591313	69	TBM2012021204	2012-02-21 00:00:00	17.10
579354	69	TBM2012021205	2012-02-21 00:00:00	17.60
541912	69	TBM2012060502	2012-06-28 00:00:00	15.20
690252	69	TBM2014020406	2014-02-11 00:00:00	15.40
690425	69	TBM2014020406	2014-02-11 00:00:00	15.40
522668	69	TBM2014110204	2014-11-10 00:00:00	14.50
522733	69	TBM2014110204	2014-11-10 00:00:00	14.80
560316	69	TBM2014110205	2014-11-10 00:00:00	15.20
560469	69	TBM2014110205	2014-11-10 00:00:00	15.60
524347	69	TBM2014110206	2014-11-10 00:00:00	15.10
533353	69	TBM2014110206	2014-11-10 00:00:00	15.30
606406	69	TBM2015080706	2015-08-04 00:00:00	18.80
610005	69	TBM2015080706	2015-08-04 00:00:00	20.20
527587	69	TBM2015080707	2015-08-04 00:00:00	14.90
604832	69	TBM2016060908	2016-06-27 00:00:00	15.30
697565	69	TBM2016091806	2016-09-08 00:00:00	15.40
697968	69	TBM2016091806	2016-09-08 00:00:00	14.70
698253	69	TBM2017051207	2017-05-10 00:00:00	15.30
698323	69	TBM2017051207	2017-05-10 00:00:00	14.80
551857	69	TQM1998042002	1998-04-20 00:00:00	14.90
552341	69	TQM2003040104	2003-04-14 00:00:00	15.30
552342	69	TQM2003040104	2003-04-14 00:00:00	17.40
700511	69	TQM2004110205	2004-11-09 00:00:00	18.40
702248	69	TQM2004110205	2004-11-09 00:00:00	15.80

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
595376	69	TQM2005060102	2005-06-07 00:00:00	18.60
861004	95	15873	2012-06-12 00:00:00	14.92
817130	95	15873	2012-06-28 00:00:00	15.49
833877	95	15873	2012-08-01 00:00:00	16.90
834845	95	15873	2012-09-06 00:00:00	15.90
833435	95	15873	2012-09-11 00:00:00	16.20
837109	95	15873	2012-09-25 00:00:00	16.30
855475	95	15873	2013-10-08 00:00:00	14.40
825409	95	15873	2015-05-25 00:00:00	16.44
824745	95	15873	2015-07-06 00:00:00	14.92
829856	95	15873	2015-08-04 00:00:00	15.10
823197	95	15873	2015-09-14 00:00:00	15.50
848107	95	15873	2016-08-22 00:00:00	15.10
817131	95	15873	2017-10-09 00:00:00	15.01
833934	95	16062	2012-09-19 00:00:00	14.70
840891	95	17823	2018-09-17 00:00:00	14.42
825139	95	18675	2012-10-30 00:00:00	16.80
836158	95	18815	2013-08-06 00:00:00	14.60
849766	95	19907	2010-11-22 00:00:00	15.20
827754	95	20048	2015-05-25 00:00:00	16.00
827755	95	20048	2015-05-31 00:00:00	16.00
822528	95	20048	2015-06-08 00:00:00	16.00
830061	95	20048	2015-10-26 00:00:00	15.00
835120	95	20048	2015-11-08 00:00:00	15.00
832379	95	20048	2015-11-15 00:00:00	15.00
847455	95	22808	2001-10-31 00:00:00	14.70
846877	95	23000	2001-10-23 00:00:00	15.20
836208	95	6687	2018-08-06 00:00:00	16.48
845161	95	741	2013-03-20 00:00:00	16.09
846517	95	7740	2016-07-25 00:00:00	17.02
835351	95	8504	2009-12-28 00:00:00	14.90
867560	95	9247	2017-07-24 00:00:00	30.20
822990	95	9832	2005-07-26 00:00:00	14.60
829392	95	9832	2005-11-30 00:00:00	14.60
1785085	129	12	2006-02-27 00:00:00	8322.00
1345938	129	13	2014-07-11 00:00:00	104.00
1346602	129	13	2014-07-11 00:00:00	102.20
1346687	129	13	2016-12-13 00:00:00	97.80
1797827	129	2	2010-01-20 00:00:00	9385.00
1343167	129	4	2012-10-15 00:00:00	92.10
1347073	129	4	2012-10-15 00:00:00	106.70
1784863	129	6	2008-02-19 00:00:00	83.50
1784230	129	6	2009-07-22 00:00:00	60.70
1793227	129	6	2009-07-22 00:00:00	30.10
1797214	129	6	2010-02-18 00:00:00	1118.00
1760775	129	6	2017-03-22 00:00:00	864.00
1794769	129	7	2011-01-18 00:00:00	101.40
1760585	129	8	2017-11-30 00:00:00	85.60
1794996	129	9	2017-03-21 00:00:00	1026.00
1266132	297	236	2005-08-10 00:00:00	14.53
1271090	297	340	2006-01-12 00:00:00	14.80
3486781	354	rkbfbnut	2004-10-19 10:34:00	61.80

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3484927	354	rkbfbnut	2004-10-19 10:36:00	61.80
3493193	354	rkbfbnut	2004-12-09 13:58:00	35.64
3485942	354	rkbfbnut	2004-12-09 13:59:00	35.64
3488279	354	rkbfunut	2004-10-19 10:52:00	64.30
3492656	354	rkbfunut	2004-10-19 10:54:00	64.30
3545020	354	rkblhnut	2006-10-24 01:30:00	66.10
3546108	354	rkblhnut	2006-10-24 04:00:00	63.60
3546578	354	rkblhnut	2006-10-24 06:30:00	57.20
3549993	354	rkblhnut	2006-11-25 08:00:00	86.40
3547226	354	rkblhnut	2006-11-25 10:30:00	98.70
3546513	354	rkblhnut	2006-11-25 13:00:00	111.50
3548876	354	rkblhnut	2006-11-25 15:30:00	102.30
3549540	354	rkblhnut	2006-11-25 18:00:00	99.00
3547857	354	rkblhnut	2006-11-25 20:30:00	94.50
3548739	354	rkblhnut	2006-11-25 23:00:00	92.90
3487330	354	rkbmbnut	2004-10-19 11:53:00	70.10
3487334	354	rkbmbnut	2004-10-19 11:55:00	70.10
3689985	469	AH05	2020-01-22 00:00:00	871.00
3838869	469	SJB01	2017-08-01 00:00:00	98.00
3832165	469	SJB02	2017-08-01 00:00:00	94.10
3719688	470	WIN_21FLWQA_3203Q8S6	2017-11-16 11:05:00	17.20
3648306	479	20130	2008-09-04 10:46:00	18.58
3855928	479	20960	1998-02-24 12:04:00	15.40
3889741	479	670129	2005-04-11 11:05:00	15.85
3889740	479	670129	2005-06-07 10:31:00	15.74
3890714	479	670129	2005-06-07 10:31:00	15.85
2511806	509	452	2002-01-17 00:00:00	14.80
3722717	540	WIN_21FLWQA_72SEAS040	2019-10-21 10:22:00	19.20
2580923	557	AH07	2017-07-26 12:48:00	15.40
3549195	3001	BR-0144-01	2021-12-17 00:00:00	15.60
3991667	3001	BR-0183-01	2020-04-30 00:00:00	15.20
3988990	3001	BR-0247-01	2020-03-28 00:00:00	16.00
3999158	3001	CL-0091-01	2019-06-12 00:00:00	14.95
4032431	3013	IRLSG014	2007-06-20 00:00:00	23.91
4032288	3013	IRLSG015	2007-06-20 00:00:00	23.44
4032293	3013	IRLSG017	2007-06-20 00:00:00	18.93
3345803	4054	gtmpcnut	2010-11-09 17:45:00	15.20
3342469	4054	gtmpcnut	2010-11-09 17:46:00	15.20
3346505	4054	gtmpcnut	2011-01-04 15:00:00	15.20
3345664	4054	gtmpcnut	2011-01-04 15:01:00	15.20
3352268	4054	gtmpinut	2011-08-09 08:30:00	35.40
3352272	4054	gtmpinut	2011-08-09 08:31:00	35.40
3403325	4058	19-2018-01-01	2019-10-16 10:19:00	14.31
3346345	4058	23	2016-09-23 09:30:00	28.20
3347295	4058	34-2018-01-01	2019-03-21 12:22:00	102.60
3401226	4058	38-2018-01-01	2020-11-19 10:11:00	640.00
3399836	4058	60	2017-04-18 12:55:00	21.49
3343340	4058	9	2017-08-11 11:35:00	21.89
3482173	4067	1273	2001-08-20 11:05:00	20.00
3961425	4067	1273	2001-08-20 11:05:00	20.00
3969783	4067	1273	2001-08-20 11:05:00	20.00
3492540	4067	13054	2021-04-08 14:50:00	15.18

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3953609	4067	13054	2021-04-08 14:50:00	14.92
3490423	4067	13055	2021-04-08 13:51:00	14.57
3475108	4067	3285	1999-09-28 14:25:00	15.14
3950992	4067	3285	1999-09-28 14:25:00	14.35
5274024	5014	GTMMKNUT	2017-08-03 11:24:00	37.22

Programs containing flagged data:

69 - Fisheries-Independent Monitoring (FIM) Program
95 - Harmful Algal Bloom Marine Observation Network
103 - EPA STOrage and RETrieval Data Warehouse (STORET)
129 - Apalachicola National Estuarine Research Reserve Juvenile Fish and Benthic Macroinvertebrate Monitoring
297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
354 - Rookery Bay National Estuarine Research Reserve System-Wide Monitoring Program
469 - Central Panhandle Aquatic Preserve WQ Monitoring
470 - St. Andrews Aquatic Preserve Water Quality Monitoring
479 - Southwest Florida Water Management District - Water Quality Monitoring
509 - SERC Water Quality Monitoring Network
540 - Shellfish Harvest Area Classification Program
557 - Central Panhandle Aquatic Preserves Seagrass Monitoring
3001 - Lagoon Watch (Formerly Marine Discovery Center)
3013 - Seagrass (SJRWMD)
4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program
4058 - City of Miami Beach Water Monitoring
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN
5014 - Guana River and Guana Lake Water Quality Monitoring

Dissolved Oxygen Saturation

Table 42: Flagged Values - High Indicator Quantile: **177.32268**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
839387	95	18583	2016-06-15 00:00:00	186.57
1787640	129	12	2009-06-17 00:00:00	8736.00
1789217	129	13	2016-06-09 00:00:00	1057.00
1764145	129	6	2006-04-19 00:00:00	178.30
1766646	129	7	2012-05-17 00:00:00	937.00
1765202	129	8	2009-09-22 00:00:00	6935.00
1791063	129	9	2009-06-17 00:00:00	8437.00
1335154	297	222	2000-11-09 00:00:00	207.01
1213092	297	236	2005-08-10 00:00:00	226.21
1219124	297	237	2006-04-21 00:00:00	210.97
1218916	297	244	2006-04-21 00:00:00	192.16
1217594	297	249	2006-04-21 00:00:00	202.49
1216738	297	320	2006-01-13 00:00:00	203.21
1257115	297	329	2000-01-05 00:00:00	191.57
1334175	297	329	2000-01-05 00:00:00	183.07
1216474	297	332	2006-05-10 00:00:00	190.87
1219491	297	340	2006-01-12 00:00:00	215.48
1254894	297	376	2000-04-18 00:00:00	198.67
1218011	297	402	2006-05-31 00:00:00	180.81
3900059	303	WIN_21FLSCCF_NWR06	2020-11-17 13:47:00	230.28
3695228	303	WIN_21FLSCCF_NWR07	2020-11-17 14:05:00	201.00
2400726	572	CR3	1999-09-30 00:00:00	192.00
3995432	3001	BA0500	2015-06-10 00:00:00	184.90
3550635	3001	BA0500	2015-06-23 00:00:00	187.51
3553154	3001	BA0500	2015-06-30 00:00:00	185.67
3995433	3001	BA0500	2015-07-07 00:00:00	189.09
3996145	3001	BA0500	2015-07-15 00:00:00	182.68
3995090	3001	BA0500	2015-07-21 00:00:00	177.72
3995093	3001	BA0500	2015-07-28 00:00:00	185.67
3997072	3001	BA0500	2016-06-07 00:00:00	186.89
3554360	3001	BA0500	2016-06-14 00:00:00	178.11
3552329	3001	BA0500	2016-06-22 00:00:00	177.92
3552255	3001	BA0500	2016-06-29 00:00:00	185.67
3998220	3001	BA0500	2016-07-06 00:00:00	187.46
3999686	3001	BA0500	2016-07-13 00:00:00	184.66
3553991	3001	BA0500	2016-07-20 00:00:00	188.68
3575934	3001	BR-0144-01	2021-12-17 00:00:00	207.60
3573773	3001	BR-0183-01	2020-04-30 00:00:00	205.20
3571422	3001	BR-0247-01	2020-03-28 00:00:00	208.30
3567689	3001	CL-0091-01	2019-06-12 00:00:00	226.41
3412177	3013	IRLSG052	2015-07-01 00:00:00	187.40
3421388	3013	IRLSG084	2014-08-13 00:00:00	180.40
3420961	3013	IRLSG086	2014-08-13 00:00:00	207.10
3282393	4064	31	2012-03-01 00:00:00	185.25
3498710	4067	10734	2007-08-30 12:30:00	181.60
3485052	4067	1273	2001-08-20 11:05:00	322.20
3487364	4067	1273	2001-08-20 11:05:00	321.20
3489724	4067	1273	2001-08-20 11:05:00	321.50

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3989350	4067	1273	2001-08-20 11:05:00	178.90
3492169	4067	12894	2019-08-20 13:51:00	184.70
3502710	4067	12894	2019-08-20 13:51:00	200.80
3956367	4067	13054	2021-04-08 14:50:00	214.20
3973545	4067	13054	2021-04-08 14:50:00	217.60
3972838	4067	13055	2021-04-08 13:51:00	206.30
3976869	4067	2655	1995-10-10 11:00:00	185.90
3978191	4067	2842	1996-09-23 08:50:00	189.10
3514862	4067	2842	1996-09-23 08:50:00	197.40
3515666	4067	2842	1996-09-23 08:50:00	187.20
3976959	4067	2847	1996-09-24 13:18:00	193.80
3956068	4067	2954	1997-09-30 14:39:00	182.90
3962211	4067	2954	1997-09-30 14:39:00	180.10
3517244	4067	2954	1997-09-30 14:39:00	192.60
3957657	4067	2956	1997-10-02 14:06:00	195.60
3958098	4067	2956	1997-10-02 14:06:00	199.20
3958651	4067	2956	1997-10-02 14:06:00	190.10
3958999	4067	2956	1997-10-02 14:06:00	220.70
3960248	4067	2956	1997-10-02 14:06:00	198.60
3961954	4067	2956	1997-10-02 14:06:00	184.50
3523189	4067	2956	1997-10-02 14:06:00	179.00
3523685	4067	2956	1997-10-02 14:06:00	194.60
3525842	4067	2956	1997-10-02 14:06:00	196.30
3528297	4067	3033	1997-09-04 11:30:00	181.30
3530057	4067	3033	1997-09-04 11:30:00	178.10
3960037	4067	3436	1999-09-28 13:01:00	182.10
3977660	4067	3436	1999-09-28 13:01:00	190.50

Programs containing flagged data:

95 - Harmful Algal Bloom Marine Observation Network
129 - Apalachicola National Estuarine Research Reserve Juvenile Fish and Benthic Macroinvertebrate Monitoring
297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
303 - River, Estuary and Coastal Observing Network
572 - Rookery Bay National Estuarine Research Reserve Seagrass Monitoring
3001 - Lagoon Watch (Formerly Marine Discovery Center)
3013 - Seagrass (SJRWMD)
4064 - A spatial model to improve site selection for seagrass restoration in shallow boating environments
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN

pH

Table 43: Flagged Values - High Indicator Quantile: **9.31**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1583200	69	APM1998033102	1998-03-31 00:00:00	12.70
1595901	69	APM2000080304	2000-08-03 00:00:00	9.70
1599416	69	APM2001070806	2001-07-16 00:00:00	9.50
1592175	69	APM2001073301	2001-07-13 00:00:00	9.40
1592872	69	APM2001073301	2001-07-13 00:00:00	9.40
1594113	69	APM2001073301	2001-07-13 00:00:00	9.40
1594657	69	APM2001073301	2001-07-13 00:00:00	9.40
1594658	69	APM2001073301	2001-07-13 00:00:00	9.40
1597531	69	APM2001073301	2001-07-13 00:00:00	9.40
1596068	69	APM2001073303	2001-07-13 00:00:00	9.60
1596961	69	APM2001073303	2001-07-13 00:00:00	9.60
1600770	69	APM2003070602	2003-07-11 00:00:00	9.40
1597275	69	APM2003070603	2003-07-11 00:00:00	9.40
1597494	69	APM2003070603	2003-07-11 00:00:00	9.40
1620575	69	APM2005030701	2005-03-15 00:00:00	9.40
1618981	69	APM2005050501	2005-05-12 00:00:00	9.50
1666156	69	APM2015050208	2015-05-04 00:00:00	9.90
1666321	69	APM2015050208	2015-05-04 00:00:00	9.90
1541189	69	CHM2006101107	2006-10-05 00:00:00	9.60
1858671	69	CKM1997072203	1997-07-22 00:00:00	9.40
1586693	69	CKM1998050608	1998-05-06 00:00:00	9.40
1711137	69	CKM1999011205	1999-01-12 00:00:00	9.40
1684660	69	CKM1999011206	1999-01-12 00:00:00	9.40
1852204	69	CKM1999011305	1999-01-13 00:00:00	9.40
1583357	69	CKM1999011904	1999-01-19 00:00:00	9.60
1705231	69	CKM1999011905	1999-01-19 00:00:00	9.60
1708833	69	CKM1999012605	1999-01-26 00:00:00	9.40
1848341	69	CKM2005010402	2005-01-07 00:00:00	9.50
1724887	69	CKM2006020406	2006-02-09 00:00:00	9.40
1733244	69	CKM2006070107	2006-07-03 00:00:00	9.40
1733312	69	CKM2006070107	2006-07-03 00:00:00	9.40
1847581	69	CKM2006070202	2006-07-05 00:00:00	9.40
1850270	69	CKM2006070202	2006-07-05 00:00:00	9.40
1853612	69	CKM2006070202	2006-07-05 00:00:00	9.40
1572202	69	CKM2006070203	2006-07-05 00:00:00	9.40
1572203	69	CKM2006070203	2006-07-05 00:00:00	9.40
1572397	69	CKM2006070203	2006-07-05 00:00:00	9.40
1573590	69	CKM2006070203	2006-07-05 00:00:00	9.40
1578496	69	CKM2006070203	2006-07-05 00:00:00	9.40
1730730	69	CKM2006070204	2006-07-05 00:00:00	9.40
1734763	69	CKM2006070204	2006-07-05 00:00:00	9.40
1734802	69	CKM2006070204	2006-07-05 00:00:00	9.40
1736837	69	CKM2006070204	2006-07-05 00:00:00	9.40
1732545	69	CKM2006070205	2006-07-05 00:00:00	9.40
1732747	69	CKM2006070205	2006-07-05 00:00:00	9.40
1733959	69	CKM2006070206	2006-07-05 00:00:00	9.40
1736415	69	CKM2006070206	2006-07-05 00:00:00	9.40
1736416	69	CKM2006070206	2006-07-05 00:00:00	9.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1853529	69	CKM2006070207	2006-07-05 00:00:00	9.60
1702322	69	CKM2006070208	2006-07-05 00:00:00	9.40
1702345	69	CKM2006070208	2006-07-05 00:00:00	9.40
1703241	69	CKM2006070501	2006-07-06 00:00:00	9.40
1704492	69	CKM2006070501	2006-07-06 00:00:00	9.60
1704493	69	CKM2006070501	2006-07-06 00:00:00	9.50
1708013	69	CKM2006070501	2006-07-06 00:00:00	9.60
1708014	69	CKM2006070501	2006-07-06 00:00:00	9.50
1850271	69	CKM2006070502	2006-07-06 00:00:00	9.40
1853613	69	CKM2006070502	2006-07-06 00:00:00	9.40
1732644	69	CKM2006070503	2006-07-06 00:00:00	9.40
1734452	69	CKM2006070503	2006-07-06 00:00:00	9.40
1734850	69	CKM2006070504	2006-07-06 00:00:00	9.40
1734913	69	CKM2006070504	2006-07-06 00:00:00	9.40
1850407	69	CKM2006070505	2006-07-06 00:00:00	9.50
1851921	69	CKM2006070505	2006-07-06 00:00:00	9.50
1852085	69	CKM2006070505	2006-07-06 00:00:00	9.60
1854500	69	CKM2006070505	2006-07-06 00:00:00	9.60
1854501	69	CKM2006070505	2006-07-06 00:00:00	9.50
1703007	69	CKM2006070506	2006-07-06 00:00:00	9.50
1703706	69	CKM2006070506	2006-07-06 00:00:00	9.50
1573129	69	CKM2006070507	2006-07-06 00:00:00	9.60
1576760	69	CKM2006070507	2006-07-06 00:00:00	9.60
1576861	69	CKM2006070507	2006-07-06 00:00:00	9.50
1576862	69	CKM2006070507	2006-07-06 00:00:00	9.60
1577079	69	CKM2006070507	2006-07-06 00:00:00	9.60
1734388	69	CKM2006070508	2006-07-06 00:00:00	9.60
1734389	69	CKM2006070508	2006-07-06 00:00:00	9.60
1736616	69	CKM2006070508	2006-07-06 00:00:00	9.60
1736617	69	CKM2006070508	2006-07-06 00:00:00	9.50
1850132	69	CKM2006070509	2006-07-06 00:00:00	9.50
1851341	69	CKM2006070509	2006-07-06 00:00:00	9.50
1852086	69	CKM2006070509	2006-07-06 00:00:00	9.50
1542598	69	CKM2007010807	2007-01-19 00:00:00	10.50
1542666	69	CKM2007010807	2007-01-19 00:00:00	10.50
1556761	69	CKM2010020205	2010-02-04 00:00:00	9.60
1593491	69	CKM2013010203	2013-01-04 00:00:00	9.50
1593579	69	CKM2013010203	2013-01-04 00:00:00	9.40
1593636	69	CKM2013010203	2013-01-04 00:00:00	9.90
1886918	69	CKM2013010205	2013-01-04 00:00:00	9.70
1888269	69	CKM2013010205	2013-01-04 00:00:00	9.40
1887043	69	CKM2013010207	2013-01-04 00:00:00	9.40
1577853	69	CKM2013010208	2013-01-04 00:00:00	9.40
1612365	69	CKM2013010406	2013-01-08 00:00:00	9.70
1613923	69	CKM2013010406	2013-01-08 00:00:00	9.80
1725897	69	CKM2014040101	2014-04-01 00:00:00	9.60
1894433	69	CKM2014120802	2014-12-09 00:00:00	9.40
1732752	69	CKM2015010201	2015-01-09 00:00:00	9.60
1734985	69	CKM2015010202	2015-01-09 00:00:00	9.50
1646368	69	CKM2015010206	2015-01-09 00:00:00	9.70
1649603	69	CKM2015010206	2015-01-09 00:00:00	9.40
1645080	69	CKM2015010207	2015-01-09 00:00:00	9.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1661505	69	CKM2015020401	2015-02-06 00:00:00	9.60
1661548	69	CKM2015020401	2015-02-06 00:00:00	9.70
1663140	69	CKM2015020401	2015-02-06 00:00:00	9.50
1672629	69	CKM2015050301	2015-05-04 00:00:00	9.40
1675450	69	TBD1994101209	1994-10-12 00:00:00	10.10
1886365	69	TBD1994101211	1994-10-12 00:00:00	10.10
1897096	69	TBD1997122401	1997-12-24 00:00:00	9.60
1897903	69	TBD1997122402	1997-12-24 00:00:00	9.50
1883064	69	TBD1998032501	1998-03-25 00:00:00	9.80
1888078	69	TBD1998032502	1998-03-25 00:00:00	9.80
1836416	69	TBD1998032503	1998-03-25 00:00:00	9.40
1837470	69	TBD1998032503	1998-03-25 00:00:00	9.40
1840033	69	TBD1998032504	1998-03-25 00:00:00	9.40
1881674	69	TBD1998032505	1998-03-25 00:00:00	9.40
1675925	69	TBD1998042701	1998-04-27 00:00:00	9.50
1675926	69	TBD1998042701	1998-04-27 00:00:00	9.40
1835209	69	TBD1998042703	1998-04-27 00:00:00	9.40
1837584	69	TBD1998042704	1998-04-27 00:00:00	9.40
1896442	69	TBD1998042901	1998-04-29 00:00:00	9.40
1887123	69	TBD2002032401	2002-03-28 00:00:00	9.40
1671354	69	TBD2002032402	2002-03-28 00:00:00	9.40
1676086	69	TBD2002032402	2002-03-28 00:00:00	9.50
1886101	69	TBD2002032403	2002-03-28 00:00:00	9.40
1676537	69	TBD2003103301	2003-10-07 00:00:00	9.40
1889700	69	TBD2005103901	2005-10-25 00:00:00	9.60
1890584	69	TBD2005103901	2005-10-25 00:00:00	9.60
1898547	69	TBD2005103902	2005-10-25 00:00:00	9.60
1898967	69	TBD2005103902	2005-10-25 00:00:00	9.60
1843885	69	TBD2005104701	2005-10-18 00:00:00	9.60
1857708	69	TBD2006038105	2006-03-22 00:00:00	9.60
1680175	69	TBD2006073901	2006-07-07 00:00:00	9.40
1680309	69	TBD2006073901	2006-07-07 00:00:00	9.50
1849783	69	TBD2006073903	2006-07-07 00:00:00	9.50
1850538	69	TBD2006073903	2006-07-07 00:00:00	9.50
1860949	69	TBD2006073904	2006-07-07 00:00:00	9.40
1859643	69	TBD2010083201	2010-08-26 00:00:00	9.50
1863291	69	TBD2010083201	2010-08-26 00:00:00	9.50
1861369	69	TBD2010083202	2010-08-26 00:00:00	9.50
1861544	69	TBD2010083202	2010-08-26 00:00:00	9.50
1859645	69	TBD2010083203	2010-08-26 00:00:00	9.40
1863293	69	TBD2010083203	2010-08-26 00:00:00	9.40
1861873	69	TBD2010083204	2010-08-26 00:00:00	9.70
1864203	69	TBD2010083204	2010-08-26 00:00:00	9.70
1813830	69	TBM1995042507	1995-04-25 00:00:00	9.50
1871711	69	TBM1998010906	1998-01-09 00:00:00	9.60
1872848	69	TBM1998010910	1998-01-09 00:00:00	9.80
1820258	69	TBM1998010912	1998-01-09 00:00:00	9.60
1856738	69	TBM1998010914	1998-01-09 00:00:00	9.70
1870328	69	TBM1998031809	1998-03-18 00:00:00	9.60
1873007	69	TBM1998031809	1998-03-18 00:00:00	9.60
1822709	69	TBM1998031810	1998-03-18 00:00:00	9.80
1859884	69	TBM1998031819	1998-03-18 00:00:00	9.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1860161	69	TBM1998031819	1998-03-18 00:00:00	9.90
1822535	69	TBM1998032303	1998-03-23 00:00:00	9.70
1876194	69	TBM1998032305	1998-03-23 00:00:00	10.00
1871646	69	TBM1998032508	1998-03-25 00:00:00	9.40
1873317	69	TBM1998041407	1998-04-14 00:00:00	9.70
1822710	69	TBM1998042102	1998-04-21 00:00:00	9.80
1869956	69	TBM1998042103	1998-04-21 00:00:00	9.60
1874681	69	TBM1998042104	1998-04-21 00:00:00	9.60
1860242	69	TBM1998042105	1998-04-21 00:00:00	9.50
1878107	69	TBM1998042106	1998-04-21 00:00:00	9.40
1821876	69	TBM1998042107	1998-04-21 00:00:00	9.40
1871988	69	TBM1998042703	1998-04-27 00:00:00	9.80
1873851	69	TBM1998042704	1998-04-27 00:00:00	9.50
1874588	69	TBM1998042704	1998-04-27 00:00:00	9.60
1876124	69	TBM1998060301	1998-06-03 00:00:00	9.40
1876125	69	TBM1998060301	1998-06-03 00:00:00	9.40
1839155	69	TBM2001020504	2001-02-09 00:00:00	9.80
1841146	69	TBM2001020504	2001-02-09 00:00:00	9.80
1840818	69	TBM2001020505	2001-02-09 00:00:00	9.80
1843421	69	TBM2001020505	2001-02-09 00:00:00	9.80
1839298	69	TBM2001020506	2001-02-09 00:00:00	9.80
1839823	69	TBM2001020506	2001-02-09 00:00:00	9.80
1849418	69	TBM2001091305	2001-09-20 00:00:00	9.40
1850060	69	TBM2001091305	2001-09-20 00:00:00	9.40
1866686	69	TBM2002120608	2002-12-04 00:00:00	9.40
1883050	69	TBM2002120609	2002-12-04 00:00:00	9.60
1883051	69	TBM2002120609	2002-12-04 00:00:00	9.70
1884344	69	TBM2002120609	2002-12-04 00:00:00	9.70
1858150	69	TBM2005080601	2005-08-05 00:00:00	9.60
1858681	69	TBM2005080601	2005-08-05 00:00:00	9.60
1854982	69	TBM2005080602	2005-08-05 00:00:00	9.60
1860566	69	TBM2005080602	2005-08-05 00:00:00	9.60
1886927	69	TBM2005080603	2005-08-05 00:00:00	10.00
1887813	69	TBM2005080603	2005-08-05 00:00:00	10.00
1854337	69	TBM2005080604	2005-08-05 00:00:00	10.00
1858550	69	TBM2005080604	2005-08-05 00:00:00	10.00
1885766	69	TBM2005080605	2005-08-05 00:00:00	10.20
1885767	69	TBM2005080605	2005-08-05 00:00:00	10.20
1889430	69	TBM2005080605	2005-08-05 00:00:00	10.20
1884816	69	TBM2005080606	2005-08-05 00:00:00	10.10
1889431	69	TBM2005080606	2005-08-05 00:00:00	10.00
37340	69	TBM2007081006	2007-08-16 00:00:00	9.60
40284	69	TBM2007081006	2007-08-16 00:00:00	9.60
39034	69	TBM2011040115	2011-04-13 00:00:00	9.80
1826936	69	TBM2013030401	2013-03-05 00:00:00	9.50
59975	69	TQM1998032301	1998-03-23 00:00:00	9.40
1893119	69	TQM1998032302	1998-03-23 00:00:00	9.40
56719	69	TQM1998032303	1998-03-23 00:00:00	9.50
61992	69	TQM1998032303	1998-03-23 00:00:00	9.40
155708	69	TQM1998032304	1998-03-23 00:00:00	9.50
1842041	69	TQM1998033003	1998-03-30 00:00:00	9.40
1890618	69	TQM1998042001	1998-04-20 00:00:00	9.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1839820	69	TQM1998042004	1998-04-20 00:00:00	9.60
1840093	69	TQM1998042004	1998-04-20 00:00:00	9.50
58464	69	TQM1998042007	1998-04-20 00:00:00	9.50
61390	69	TQM1998042009	1998-04-20 00:00:00	9.60
61527	69	TQM1998042009	1998-04-20 00:00:00	9.60
59297	69	TQM2000011304	2000-01-13 00:00:00	9.40
1838380	69	TQM2000031501	2000-03-15 00:00:00	9.40
1842042	69	TQM2000051003	2000-05-10 00:00:00	9.50
58406	69	TQM2000060101	2000-06-01 00:00:00	9.50
838809	95	10345	2017-09-27 00:00:00	9.40
838017	95	10584	2017-09-27 00:00:00	10.60
839155	95	10803	2017-09-27 00:00:00	9.50
831245	95	15873	2013-12-02 00:00:00	9.63
831264	95	15873	2013-12-09 00:00:00	9.35
816915	95	15873	2014-01-27 00:00:00	9.47
821134	95	15873	2014-09-15 00:00:00	10.82
822215	95	15972	2017-06-27 00:00:00	9.70
829229	95	15972	2017-07-25 00:00:00	9.40
818503	95	16062	2014-02-17 00:00:00	9.34
821156	95	16062	2014-09-15 00:00:00	12.70
823854	95	16302	2017-06-27 00:00:00	9.40
822371	95	17204	2014-07-31 00:00:00	10.99
817019	95	17868	2014-01-21 00:00:00	9.39
819129	95	17868	2014-09-02 00:00:00	9.41
817937	95	18675	2013-12-23 00:00:00	9.32
817545	95	18675	2014-01-27 00:00:00	9.33
816892	95	18675	2014-02-03 00:00:00	9.34
834448	95	26368	2016-03-09 00:00:00	10.36
825095	95	26368	2016-05-31 00:00:00	9.36
832576	95	26440	2016-03-09 00:00:00	10.47
829512	95	26440	2016-05-31 00:00:00	9.55
831228	95	26520	2016-03-09 00:00:00	10.28
825615	95	26520	2016-05-31 00:00:00	9.36
833906	95	26683	2016-03-09 00:00:00	10.30
826733	95	5490	2017-07-10 00:00:00	9.58
817808	95	7112	2018-04-09 00:00:00	10.90
826230	95	7158	2017-07-05 00:00:00	10.40
826249	95	7158	2018-04-09 00:00:00	11.00
821669	95	7171	2018-04-09 00:00:00	11.10
822986	95	7443	2018-04-09 00:00:00	10.60
825808	95	7565	2018-04-09 00:00:00	10.50
823839	95	7678	2018-04-09 00:00:00	10.40
830830	95	7735	2017-08-02 00:00:00	9.60
821348	95	7740	2018-04-09 00:00:00	10.80
841226	95	8594	2017-09-25 00:00:00	9.80
831468	95	9247	2017-07-24 00:00:00	10.30
818976	95	9247	2018-04-10 00:00:00	11.90
830496	95	9540	2017-07-24 00:00:00	9.80
827015	95	9540	2018-04-10 00:00:00	11.96
817534	95	9558	2018-04-10 00:00:00	12.30
828682	95	9643	2017-07-24 00:00:00	10.10
820097	95	9643	2018-04-10 00:00:00	11.70

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
819322	95	9765	2018-04-10 00:00:00	12.10
819714	95	9768	2018-04-10 00:00:00	11.70
1790674	129	1	2004-11-16 00:00:00	11.80
1788712	129	1	2010-02-16 00:00:00	9.50
1766988	129	7	2001-08-22 00:00:00	10.60
3899465	303	WIN_21FLSCCF_DZPIS03	2019-08-21 09:15:00	12.10
3897762	303	WIN_21FLSCCF_DZPIS04	2019-08-21 10:25:00	12.27
3897242	303	WIN_21FLSCCF_DZPIS05	2019-08-21 10:37:00	12.55
3900617	303	WIN_21FLSCCF_NWR01	2019-08-21 12:03:00	12.42
3696464	303	WIN_21FLSCCF_NWR02	2019-08-21 12:18:00	12.82
3695825	303	WIN_21FLSCCF_NWR03	2019-08-21 08:27:00	11.55
3900804	303	WIN_21FLSCCF_NWR04	2019-08-21 09:03:00	12.00
3697805	303	WIN_21FLSCCF_NWR05	2019-08-21 09:30:00	12.16
3900099	303	WIN_21FLSCCF_NWR06	2019-08-21 13:45:00	13.25
3695593	303	WIN_21FLSCCF_NWR07	2019-08-21 14:03:00	12.97
3700599	303	WIN_21FLSCCF_NWR08	2019-08-21 14:17:00	13.11
3898364	303	WIN_21FLSCCF_NWR09	2019-08-21 09:54:00	12.33
3698321	303	WIN_21FLSCCF_NWR10	2019-08-21 10:07:00	12.66
3898038	303	WIN_21FLSCCF_SCAL_SPAT03	2019-08-21 10:58:00	12.75
3898093	303	WIN_21FLSCCF_SCAL_SPAT04	2019-08-21 10:42:00	12.60
3697808	303	WIN_21FLSCCF_SCAL_SPAT06	2019-08-21 11:30:00	12.53
3695941	303	WIN_21FLSCCF_SCAL_SPAT08	2019-08-21 08:49:00	12.14
3898989	303	WIN_21FLSCCF_SCAL_SPAT09	2019-08-21 08:42:00	11.92
3486669	354	rkblhnut	2004-08-30 08:30:00	12.30
3485693	354	rkblhnut	2004-08-30 11:00:00	12.30
3488177	354	rkblhnut	2004-08-30 13:30:00	12.30
3486675	354	rkblhnut	2004-08-30 16:00:00	12.30
3485697	354	rkblhnut	2004-08-30 18:30:00	12.30
3488183	354	rkblhnut	2004-08-30 21:00:00	12.30
3484530	354	rkblhnut	2004-08-30 23:30:00	12.30
3483826	354	rkblhnut	2004-08-31 02:00:00	12.30
3487122	354	rkblhnut	2004-08-31 04:30:00	12.30
3485435	354	rkblhnut	2004-08-31 07:00:00	12.30
3545509	354	rkblhnut	2006-10-24 01:30:00	13.40
3548168	354	rkblhnut	2006-10-24 04:00:00	16.00
3545841	354	rkblhnut	2006-10-24 06:30:00	16.60
3426413	355	apambnut	2019-02-06 00:00:00	9.56
3429626	355	apapcnut	2019-01-07 00:00:00	9.36
3430299	355	apapcnut	2019-02-06 00:00:00	9.56
3425565	355	aparvnut	2019-01-07 00:00:00	9.60
3433546	355	aparvnut	2019-02-06 00:00:00	9.91
3435900	355	aparvnut	2019-02-06 00:00:00	9.45
3428606	355	apawpnut	2019-02-06 00:00:00	9.39
3694383	469	AH01	2020-10-07 00:00:00	9.36
3840423	469	SJB01	2017-06-01 00:00:00	9.51
3692733	469	SJB01	2020-10-13 00:00:00	9.52
3004290	469	SJB01	2022-04-14 00:00:00	47.72
3835856	469	SJB02	2017-06-01 00:00:00	9.63
3694655	469	SJB02	2020-10-13 00:00:00	9.84
3834736	469	SJB03	2017-06-01 00:00:00	9.99
3694722	469	SJB03	2020-10-13 00:00:00	9.40
3838760	469	SJB04	2017-06-01 00:00:00	9.80

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3692254	469	SJB04	2020-10-13 00:00:00	9.46
3833772	469	SJB05	2017-06-01 00:00:00	10.27
3008162	469	SJB05	2020-10-13 00:00:00	9.42
3834354	469	SJB07	2017-06-01 00:00:00	9.59
3006839	469	SJB07	2020-10-13 00:00:00	9.69
3720363	470	WIN_21FLWQA_3203Q21S8	2020-10-06 13:37:00	9.38
3733608	476	WIN_21FLCHAR_EBV004	2017-09-05 06:35:00	9.46
3796745	479	670069	2003-04-07 13:28:00	9.32
3794835	479	670069	2003-09-03 08:16:00	9.32
3809003	479	670093	2002-06-04 00:27:00	9.97
3673756	479	670093	2006-04-04 08:41:00	9.97
3638448	479	670109	2006-03-06 10:13:00	9.76
3837640	479	670109	2007-06-06 12:44:00	9.76
3828198	479	670120	2003-01-07 12:37:00	10.53
3673462	479	670129	2005-06-07 10:31:00	10.33
3890876	479	670129	2005-06-07 10:31:00	16.95
3683532	479	670136	2004-02-04 12:20:00	9.92
2586521	557	STA05	2020-09-07 12:09:00	28.80
3430361	557	STA05	2020-09-07 12:09:00	28.90
2567933	557	STA05	2021-09-27 12:33:00	24.80
2586844	557	STA05	2021-09-27 12:33:00	25.50
2580946	557	STA06	2020-09-07 09:53:00	27.80
3425089	557	STA06	2020-09-07 09:53:00	27.90
2567078	557	STA06	2021-09-27 11:56:00	24.20
2581117	557	STA06	2021-09-27 11:56:00	24.70
2587000	557	STA07	2020-09-07 11:44:00	29.60
3425637	557	STA07	2020-09-07 11:44:00	29.90
2569233	557	STA07	2021-09-27 11:26:00	24.90
2585591	557	STA07	2021-09-27 11:26:00	25.30
2581933	557	STA08	2020-09-07 10:32:00	28.10
3424867	557	STA08	2020-09-07 10:32:00	28.10
2568486	557	STA08	2021-09-27 10:56:00	23.70
2584089	557	STA08	2021-09-27 10:56:00	24.50
3423801	557	STA10	2020-09-07 10:49:00	28.60
2570851	557	STA10	2021-09-27 10:30:00	23.80
2585748	557	STA10	2021-09-27 10:30:00	24.50
3424441	557	STA12	2020-09-07 08:47:00	27.50
2565701	557	STA12	2021-09-27 13:14:00	26.70
3426696	557	STA13	2020-09-07 08:36:00	27.40
2568677	557	STA13	2021-09-27 13:05:00	26.40
2584274	557	STA13	2021-09-27 13:05:00	25.10
3427818	557	STA14	2020-09-07 09:26:00	27.90
2565771	557	STA14	2021-09-27 12:16:00	24.80
2566804	557	STA15	2020-09-07 09:35:00	27.70
2585040	557	STA15	2020-09-07 09:35:00	27.70
2565482	557	STA15	2021-09-27 12:09:00	24.70
2565005	557	STA16	2020-09-07 09:45:00	28.50
2582395	557	STA16	2020-09-07 09:45:00	29.30
2565008	557	STA16	2021-09-27 12:26:00	24.70
2584905	557	STA16	2021-09-27 12:26:00	25.20
2565983	557	STA17	2020-09-07 12:20:00	29.20
2585310	557	STA17	2020-09-07 12:20:00	29.10

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2566267	557	STA17	2021-09-27 12:44:00	25.10
2582381	557	STA17	2021-09-27 12:44:00	25.10
2568038	557	STA18	2020-09-07 12:29:00	29.80
2586267	557	STA18	2020-09-07 12:29:00	29.70
2568064	557	STA18	2021-09-27 12:55:00	25.40
2585011	557	STA18	2021-09-27 12:55:00	25.30
2566223	557	STA19	2020-09-07 10:05:00	28.50
2580878	557	STA19	2020-09-07 10:05:00	28.50
2570319	557	STA19	2021-09-27 11:47:00	24.40
2584720	557	STA19	2021-09-27 11:47:00	25.20
2567024	557	STA20	2020-09-07 10:20:00	28.20
2567046	557	STA20	2021-09-27 11:05:00	23.60
2580948	557	STA20	2021-09-27 11:05:00	23.60
2566557	557	STA21	2020-09-07 12:00:00	28.90
2585862	557	STA21	2020-09-07 12:00:00	28.70
2566560	557	STA21	2021-09-27 11:36:00	24.90
2585953	557	STA21	2021-09-27 11:36:00	25.00
2565304	557	STA22	2020-09-07 11:52:00	29.60
2579081	557	STA22	2020-09-07 11:52:00	29.50
2571490	557	STA22	2021-09-27 11:15:00	24.60
2588958	557	STA22	2021-09-27 11:15:00	25.70
2565441	557	STA23	2020-09-07 10:40:00	28.40
2566668	557	STA23	2021-09-27 10:46:00	24.10
2587131	557	STA23	2021-09-27 10:46:00	24.10
3263544	3000	46	2017-04-28 00:00:00	9.35
3263662	3000	68	2016-04-30 00:00:00	9.50
3551848	3001	BA0200	1996-04-21 00:00:00	9.40
3558068	3001	BA0450	2003-02-01 00:00:00	9.40
3423193	3013	IRLSG092	2010-07-19 00:00:00	11.23
3326005	4058	74-2018-01-01	2021-10-22 11:19:00	9.59
3405965	4058	9-2018-01-01	2021-06-17 13:49:00	28.05
3619295	4065	11FPAP	2018-10-02 00:00:00	9.50
3498195	4067	11477	2010-08-31 14:19:00	9.39
3961552	4067	11477	2010-08-31 14:19:00	9.38
3497698	4067	11486	2010-09-01 12:40:00	9.40
3503189	4067	11486	2010-09-01 12:40:00	9.40
3501916	4067	11487	2010-09-01 13:16:00	9.35
3509492	4067	11487	2010-09-01 13:16:00	9.35
3501051	4067	11496	2010-09-01 13:40:00	9.38
3511095	4067	11496	2010-09-01 13:40:00	9.38
3498288	4067	12160	2015-08-19 13:00:00	9.33

Programs containing flagged data:

69 - Fisheries-Independent Monitoring (FIM) Program

95 - Harmful Algal Bloom Marine Observation Network

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

129 - Apalachicola National Estuarine Research Reserve Juvenile Fish and Benthic Macroinvertebrate Monitoring

303 - River, Estuary and Coastal Observing Network

354 - Rookery Bay National Estuarine Research Reserve System-Wide Monitoring Program

355 - Apalachicola National Estuarine Research Reserve System-Wide Monitoring Program

469 - Central Panhandle Aquatic Preserve WQ Monitoring
470 - St. Andrews Aquatic Preserve Water Quality Monitoring
476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network
479 - Southwest Florida Water Management District - Water Quality Monitoring
557 - Central Panhandle Aquatic Preserves Seagrass Monitoring
3000 - Florida Keys Water Watch
3001 - Lagoon Watch (Formerly Marine Discovery Center)
3013 - Seagrass (SJRWMD)
4058 - City of Miami Beach Water Monitoring
4065 - Northwest Florida Aquatic Preserve Seagrass Survey
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN

Salinity

Table 44: Flagged Values - High Indicator Quantile: **41.1**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1756033	3	12398A	2004-07-20 00:00:00	42.18
1756383	3	6345A	2005-05-10 00:00:00	44.68
1756316	3	6367A	2005-04-06 00:00:00	42.41
1756539	3	6370A	2005-08-22 00:00:00	45.85
1756449	3	6371A	2004-10-21 00:00:00	41.57
1755653	3	6373A	2005-09-01 00:00:00	41.60
1756647	3	6375A	2004-07-21 00:00:00	41.83
1756492	3	6380A	2004-08-31 00:00:00	41.56
1756456	3	6406A	2005-07-12 00:00:00	45.69
1756238	3	6415A	2005-06-15 00:00:00	46.02
1756581	3	6438A	2009-09-02 00:00:00	41.83
1756565	3	6441A	2004-09-15 00:00:00	42.16
1756255	3	9505A	2004-07-20 00:00:00	41.19
1756576	3	9575A	2009-05-06 00:00:00	41.26
1756016	3	9579A	2004-07-20 00:00:00	41.43
1756530	3	9664A	2004-07-20 00:00:00	41.57
751834	69	CHM1989050304	1989-05-03 00:00:00	99.90
754306	69	CHM1989052423	1989-05-24 00:00:00	54.90
783721	69	CHM1989052424	1989-05-24 00:00:00	54.90
1009894	69	CHM1989052426	1989-05-24 00:00:00	54.90
750799	69	CHM1989052427	1989-05-24 00:00:00	54.90
20426	69	CHM1992042701	1992-04-27 00:00:00	41.70
755995	69	CHM1992042702	1992-04-27 00:00:00	41.70
1013933	69	CHM1992042703	1992-04-27 00:00:00	41.70
19316	69	CHM1992042704	1992-04-27 00:00:00	43.30
24314	69	CHM1992042705	1992-04-27 00:00:00	43.30
1010292	69	CHM1992042708	1992-04-27 00:00:00	43.50
1014609	69	CHM1992042921	1992-04-29 00:00:00	44.10
15710	69	CHM2001061902	2001-06-19 00:00:00	42.70
15767	69	CHM2001061902	2001-06-19 00:00:00	42.60
33672	69	CHM2006061304	2006-06-01 00:00:00	41.90
33840	69	CHM2006061304	2006-06-01 00:00:00	42.00
883884	69	CHM2007070708	2007-07-01 00:00:00	41.50
885912	69	CHM2007070708	2007-07-01 00:00:00	41.40
35010	69	CHM2007071101	2007-07-09 00:00:00	43.10
35151	69	CHM2007071101	2007-07-09 00:00:00	43.10
22688	69	CHM2007071102	2007-07-09 00:00:00	42.50
22789	69	CHM2007071102	2007-07-09 00:00:00	42.30
20689	69	CHM2007071103	2007-07-09 00:00:00	41.70
20706	69	CHM2007071103	2007-07-09 00:00:00	41.40
23775	69	CHM2007071202	2007-07-17 00:00:00	41.90
23776	69	CHM2007071202	2007-07-17 00:00:00	42.00
893659	69	CHM2008051301	2008-05-27 00:00:00	42.20
894756	69	CHM2008051301	2008-05-27 00:00:00	42.20
940292	69	CHM2008051302	2008-05-27 00:00:00	42.90
943531	69	CHM2008051302	2008-05-27 00:00:00	42.90
1045464	69	CHM2008051303	2008-05-27 00:00:00	42.60
1043951	69	CHM2008051304	2008-05-27 00:00:00	42.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
942109	69	CHM2008051305	2008-05-27 00:00:00	41.90
946043	69	CHM2008051305	2008-05-27 00:00:00	42.00
895904	69	CHM2008051306	2008-05-27 00:00:00	41.90
896692	69	CHM2008051306	2008-05-27 00:00:00	41.90
1042506	69	CHM2008051307	2008-05-27 00:00:00	42.50
25050	69	CHM2008051308	2008-05-27 00:00:00	44.10
1040577	69	CHM2008071201	2008-07-01 00:00:00	42.30
1046068	69	CHM2008071201	2008-07-01 00:00:00	42.40
870746	69	CHM2009050603	2009-05-11 00:00:00	43.00
874171	69	CHM2009050603	2009-05-11 00:00:00	42.70
1049172	69	CHM2009050606	2009-05-11 00:00:00	42.40
1052337	69	CHM2009050606	2009-05-11 00:00:00	42.40
1049136	69	CHM2009051301	2009-05-05 00:00:00	43.10
1051615	69	CHM2009071404	2009-07-23 00:00:00	41.90
1053085	69	CHM2009071404	2009-07-23 00:00:00	42.00
1029471	69	CHM2011061301	2011-06-24 00:00:00	42.30
1030677	69	CHM2011061301	2011-06-24 00:00:00	42.20
33098	69	CHM2012050902	2012-05-18 00:00:00	41.90
33774	69	CHM2012050902	2012-05-18 00:00:00	41.90
33320	69	CHM2012051006	2012-05-11 00:00:00	41.60
33792	69	CHM2012051006	2012-05-11 00:00:00	41.20
1081399	69	CHM2014061201	2014-06-20 00:00:00	41.80
1083094	69	CHM2014061201	2014-06-20 00:00:00	41.80
893880	69	CHM2015052009	2015-05-19 00:00:00	42.30
882618	69	CHM2015052010	2015-05-19 00:00:00	42.50
1056023	69	FBM2006081014	2006-08-23 00:00:00	42.00
912103	69	FBM2008080701	2008-08-10 00:00:00	41.30
915677	69	FBM2008080701	2008-08-10 00:00:00	41.40
916908	69	FBM2008080701	2008-08-10 00:00:00	41.30
1120785	69	FBM2009081008	2009-08-12 00:00:00	46.20
1123352	69	FBM2009081008	2009-08-12 00:00:00	46.20
1124844	69	FBM2009081008	2009-08-12 00:00:00	46.20
957322	69	IRM2001010402	2001-01-10 00:00:00	41.50
1131033	69	IRM2009050204	2009-05-04 00:00:00	44.20
1016694	69	JXM2011060203	2011-06-07 00:00:00	41.30
1016917	69	JXM2011060203	2011-06-07 00:00:00	41.50
1018263	69	JXM2011060203	2011-06-07 00:00:00	41.40
1015340	69	JXM2011060204	2011-06-07 00:00:00	41.30
1015637	69	JXM2011060204	2011-06-07 00:00:00	41.30
1015638	69	JXM2011060204	2011-06-07 00:00:00	41.30
1016507	69	JXM2011060204	2011-06-07 00:00:00	41.30
1017114	69	JXM2011060204	2011-06-07 00:00:00	41.30
1017115	69	JXM2011060204	2011-06-07 00:00:00	41.30
1017116	69	JXM2011060204	2011-06-07 00:00:00	41.30
938613	69	JXM2011060305	2011-06-20 00:00:00	41.50
939493	69	JXM2011060305	2011-06-20 00:00:00	41.50
1016154	69	JXM2011060306	2011-06-20 00:00:00	41.60
1016455	69	JXM2011060306	2011-06-20 00:00:00	41.60
1016983	69	JXM2011060306	2011-06-20 00:00:00	41.60
1017293	69	JXM2011060306	2011-06-20 00:00:00	41.60
1017300	69	JXM2011060306	2011-06-20 00:00:00	41.60
1018466	69	JXM2011060306	2011-06-20 00:00:00	41.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1018943	69	JXM2011060306	2011-06-20 00:00:00	41.60
1013081	69	JXM2011060307	2011-06-20 00:00:00	41.40
1013972	69	JXM2011060307	2011-06-20 00:00:00	41.40
1014506	69	JXM2011060307	2011-06-20 00:00:00	41.40
1015245	69	JXM2011060307	2011-06-20 00:00:00	41.40
1016355	69	JXM2011060307	2011-06-20 00:00:00	41.40
1016940	69	JXM2011060307	2011-06-20 00:00:00	41.40
897919	69	JXM2011060310	2011-06-20 00:00:00	41.40
899421	69	JXM2011060310	2011-06-20 00:00:00	41.30
900146	69	JXM2011060310	2011-06-20 00:00:00	41.40
1090697	69	JXM2011070206	2011-07-06 00:00:00	41.20
901280	69	JXM2011080106	2011-08-08 00:00:00	41.40
1004321	69	TBD2006084201	2006-08-10 00:00:00	46.80
1056422	69	TBM2002020701	2002-02-12 00:00:00	41.80
1057715	69	TBM2002020701	2002-02-12 00:00:00	41.60
1057717	69	TBM2002020701	2002-02-12 00:00:00	41.90
987872	69	TBM2002020702	2002-02-12 00:00:00	41.20
989370	69	TBM2002020702	2002-02-12 00:00:00	41.20
1100795	69	TBM2002020704	2002-02-12 00:00:00	42.80
1100906	69	TBM2002020704	2002-02-12 00:00:00	43.00
1101096	69	TBM2002020704	2002-02-12 00:00:00	43.20
1102179	69	TBM2002020704	2002-02-12 00:00:00	42.60
990285	69	TBM2002020705	2002-02-12 00:00:00	43.70
990624	69	TBM2002020705	2002-02-12 00:00:00	43.60
991264	69	TBM2002020705	2002-02-12 00:00:00	43.70
993903	69	TBM2002020705	2002-02-12 00:00:00	43.70
865238	95	1410	1956-07-10 00:00:00	41.83
865793	95	1410	1956-07-10 00:00:00	41.83
847345	95	1410	1956-08-28 00:00:00	43.40
847346	95	1410	1956-08-28 00:00:00	42.67
886503	95	16959	2000-10-12 00:00:00	41.41
887480	95	16959	2000-10-12 00:00:00	41.44
849397	95	2110	2017-03-10 00:00:00	42.00
853035	95	21159	2017-05-03 00:00:00	41.70
868586	95	3176	2007-12-10 00:00:00	41.51
869395	95	3176	2007-12-19 00:00:00	42.33
861618	95	3176	2008-01-07 00:00:00	42.77
859393	95	3176	2008-01-23 00:00:00	42.67
867869	95	3176	2008-02-04 00:00:00	42.72
842352	95	3176	2008-04-01 00:00:00	42.48
842411	95	3176	2008-04-23 00:00:00	42.91
842579	95	3176	2008-05-07 00:00:00	43.66
855217	95	3176	2008-06-03 00:00:00	45.85
855234	95	3176	2008-07-01 00:00:00	41.32
846241	95	3176	2009-02-02 00:00:00	41.13
852652	95	3176	2009-04-08 00:00:00	44.79
852709	95	3176	2009-05-06 00:00:00	45.97
852712	95	3176	2009-06-03 00:00:00	44.82
870225	95	3206	2007-12-10 00:00:00	41.12
870227	95	3206	2007-12-19 00:00:00	42.71
858571	95	3206	2008-01-07 00:00:00	42.81
857206	95	3206	2008-01-23 00:00:00	42.78

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
869517	95	3206	2008-02-04 00:00:00	42.63
843481	95	3206	2008-04-01 00:00:00	42.96
839991	95	3206	2008-04-23 00:00:00	42.44
843486	95	3206	2008-05-07 00:00:00	43.84
852039	95	3206	2008-06-03 00:00:00	45.58
848916	95	3206	2008-07-01 00:00:00	41.63
840942	95	3206	2009-02-02 00:00:00	41.37
846453	95	3206	2009-03-04 00:00:00	42.96
853970	95	3206	2009-04-08 00:00:00	45.06
853979	95	3206	2009-05-06 00:00:00	45.75
851345	95	3206	2009-06-03 00:00:00	44.67
864644	95	3217	2007-12-10 00:00:00	41.33
865066	95	3217	2007-12-19 00:00:00	42.74
860521	95	3217	2008-01-07 00:00:00	42.78
859486	95	3217	2008-01-23 00:00:00	42.57
867683	95	3217	2008-02-04 00:00:00	42.66
841218	95	3217	2008-04-01 00:00:00	43.12
841667	95	3217	2008-04-23 00:00:00	43.06
842797	95	3217	2008-05-07 00:00:00	44.04
848499	95	3217	2008-06-03 00:00:00	45.45
853685	95	3217	2008-07-01 00:00:00	41.41
843298	95	3217	2009-02-02 00:00:00	41.29
841939	95	3217	2009-03-04 00:00:00	42.67
851391	95	3217	2009-04-08 00:00:00	44.76
851402	95	3217	2009-05-06 00:00:00	45.45
851405	95	3217	2009-06-03 00:00:00	44.44
869855	95	3238	2007-12-10 00:00:00	41.53
869858	95	3238	2007-12-19 00:00:00	42.67
859662	95	3238	2008-01-07 00:00:00	42.78
859666	95	3238	2008-01-23 00:00:00	42.48
868120	95	3238	2008-02-04 00:00:00	42.70
843185	95	3238	2008-04-01 00:00:00	42.96
843694	95	3238	2008-04-23 00:00:00	43.13
867842	95	3254	2007-12-10 00:00:00	41.90
865975	95	3254	2007-12-19 00:00:00	42.89
854896	95	3254	2008-01-07 00:00:00	43.17
859623	95	3254	2008-01-23 00:00:00	42.48
868530	95	3254	2008-02-04 00:00:00	42.88
843771	95	3254	2008-03-18 00:00:00	41.69
843773	95	3254	2008-04-01 00:00:00	43.08
843780	95	3254	2008-04-23 00:00:00	43.39
866368	95	3290	2007-12-10 00:00:00	42.06
866614	95	3290	2007-12-19 00:00:00	43.12
857204	95	3290	2008-01-07 00:00:00	43.12
858573	95	3290	2008-01-23 00:00:00	42.70
866877	95	3290	2008-02-04 00:00:00	43.12
841918	95	3290	2008-03-18 00:00:00	41.90
841920	95	3290	2008-04-01 00:00:00	43.87
840939	95	3290	2008-04-23 00:00:00	44.21
854355	95	3293	2017-05-04 00:00:00	41.61
852291	95	3327	2017-05-04 00:00:00	41.13
862160	95	3343	2007-11-28 00:00:00	42.28

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
869391	95	3343	2007-12-10 00:00:00	42.60
869185	95	3343	2007-12-19 00:00:00	43.30
857216	95	3343	2008-01-07 00:00:00	42.72
861621	95	3343	2008-01-23 00:00:00	42.98
870967	95	3343	2008-02-04 00:00:00	43.12
842350	95	3343	2008-03-18 00:00:00	42.62
841275	95	3343	2008-04-01 00:00:00	44.82
842135	95	3343	2008-04-23 00:00:00	44.69
861732	95	3370	2007-11-13 00:00:00	41.49
865911	95	3370	2007-11-28 00:00:00	41.99
869731	95	3370	2007-12-10 00:00:00	42.20
869699	95	3370	2007-12-19 00:00:00	43.34
860748	95	3370	2008-01-07 00:00:00	42.45
864449	95	3370	2008-01-23 00:00:00	42.51
869171	95	3370	2008-02-04 00:00:00	42.81
842486	95	3370	2008-03-18 00:00:00	42.69
841450	95	3370	2008-04-01 00:00:00	44.37
845095	95	3370	2008-04-23 00:00:00	44.61
843452	95	3370	2008-05-07 00:00:00	44.17
853624	95	3370	2008-06-03 00:00:00	44.54
857953	95	3370	2008-07-01 00:00:00	42.79
847160	95	3370	2009-03-04 00:00:00	41.49
853245	95	3370	2009-04-08 00:00:00	44.39
851831	95	3370	2009-05-06 00:00:00	44.28
857956	95	3370	2009-06-03 00:00:00	43.79
865156	95	3380	2007-11-28 00:00:00	42.10
866367	95	3380	2007-12-10 00:00:00	42.45
866876	95	3380	2007-12-19 00:00:00	43.11
857203	95	3380	2008-01-07 00:00:00	42.89
854203	95	3380	2008-01-23 00:00:00	42.91
866617	95	3380	2008-02-04 00:00:00	42.72
843479	95	3380	2008-03-18 00:00:00	42.71
840525	95	3380	2008-04-01 00:00:00	44.78
841893	95	3380	2008-04-23 00:00:00	44.72
842432	95	3380	2008-05-07 00:00:00	44.50
850511	95	3380	2008-06-03 00:00:00	44.64
852043	95	3380	2008-07-01 00:00:00	41.20
841896	95	3380	2009-02-02 00:00:00	41.21
842887	95	3380	2009-03-04 00:00:00	42.21
852036	95	3380	2009-04-08 00:00:00	44.57
853978	95	3380	2009-05-06 00:00:00	44.45
850522	95	3380	2009-06-03 00:00:00	43.99
846214	95	3451	1956-07-25 00:00:00	41.58
845276	95	3451	1956-07-31 00:00:00	42.68
869324	95	5490	2017-12-04 00:00:00	43.52
854577	95	5969	2014-10-06 00:00:00	41.80
866229	95	8262	2013-06-17 00:00:00	41.30
845465	95	938	1956-10-09 00:00:00	41.59
1173898	115	FL04-0048	2004-07-19 00:00:00	42.80
1174012	115	FL04-0048	2004-07-19 00:00:00	42.80
1964201	118	NCCA15-1647	2015-08-03 00:00:00	43.40
1964254	118	NCCA15-1647	2015-08-03 00:00:00	43.20

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2026700	118	NCCA15-1647	2015-08-03 00:00:00	43.30
2026163	118	NCCA15-1647	2015-08-20 00:00:00	42.90
2026389	118	NCCA15-1647	2015-08-20 00:00:00	42.80
2026727	118	NCCA15-1647	2015-08-20 00:00:00	43.10
2026732	118	NCCA15-1647	2015-08-20 00:00:00	43.00
2026422	118	NCCA15-1648	2015-08-06 00:00:00	43.80
2026739	118	NCCA15-1648	2015-08-06 00:00:00	43.90
1964038	118	NCCA15-2332	2015-08-11 00:00:00	44.60
1964095	118	NCCA15-2332	2015-08-11 00:00:00	44.70
1964187	118	NCCA15-2332	2015-08-11 00:00:00	44.80
1964078	118	NCCA15-2333	2015-08-06 00:00:00	42.80
1964339	118	NCCA15-2333	2015-08-06 00:00:00	42.90
2026107	118	NCCA15-2333	2015-08-06 00:00:00	42.50
1964019	118	NCCA15-2334	2015-08-11 00:00:00	41.50
1218030	297	209	2008-06-10 00:00:00	41.51
1267078	297	209	2008-06-10 00:00:00	41.60
1212163	297	209	2008-07-29 00:00:00	41.13
1266747	297	209	2008-07-29 00:00:00	41.14
1209705	297	213	2007-09-25 13:59:08	47.29
1209335	297	217	2007-09-25 15:16:37	43.25
1216858	297	282	2008-08-05 00:00:00	41.54
1266819	297	282	2008-08-05 00:00:00	41.54
1266899	297	282	2009-10-21 00:00:00	41.90
1217872	297	284	2008-08-05 00:00:00	41.57
1269078	297	284	2008-08-05 00:00:00	41.57
1220300	297	287	2008-08-05 00:00:00	42.37
1269721	297	287	2008-08-05 00:00:00	42.37
1218101	297	294	2008-08-05 00:00:00	41.15
1269155	297	294	2008-08-05 00:00:00	41.14
1216116	297	299	2008-07-30 00:00:00	41.99
1267729	297	299	2008-07-30 00:00:00	41.99
1212969	297	303	2008-07-30 00:00:00	41.94
1272508	297	303	2008-07-30 00:00:00	41.93
1220008	297	304	2008-07-30 00:00:00	42.13
1266386	297	304	2008-07-30 00:00:00	42.13
1215097	297	308	2008-07-30 00:00:00	41.94
1267998	297	308	2008-07-30 00:00:00	41.92
1214807	297	311	2008-06-10 00:00:00	41.63
1268581	297	311	2008-06-10 00:00:00	41.62
1214810	297	311	2008-07-29 00:00:00	41.62
1268891	297	311	2008-07-29 00:00:00	41.58
1243005	297	501	2015-09-01 00:00:00	44.16
1283282	297	501	2015-09-01 00:00:00	44.16
1292644	297	501	2019-08-15 00:00:00	41.93
1307058	297	501	2019-08-15 00:00:00	41.98
3695905	297	WIN_21FLFWC_501-W	2015-09-01 08:58:00	44.15
3695906	297	WIN_21FLFWC_501-W	2015-09-01 08:58:00	44.16
3446802	354	rkbfbnut	2009-05-14 10:15:00	43.80
3448244	354	rkbfunut	2009-05-14 09:44:00	42.90
3446421	354	rkbfunut	2014-06-04 08:41:00	41.40
3448356	354	rkbfunut	2014-06-04 08:45:00	41.40
3448942	354	rkbpbnut	2014-06-04 08:17:00	41.90

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3446606	354	rkbpbnut	2014-06-04 08:20:00	41.90
3424268	456	428	2008-02-12 00:00:00	41.40
3424424	456	428	2008-04-07 00:00:00	42.10
3424050	456	428	2008-05-05 00:00:00	42.80
3424051	456	428	2008-07-08 00:00:00	41.50
3424266	456	428	2009-04-16 00:00:00	41.80
3424217	456	428	2009-05-13 00:00:00	42.10
3728543	476	WIN_21FLCHAR_LBV004	2019-10-07 08:20:00	51.40
3630772	479	670082	2011-05-03 08:24:00	25700.00
2445009	509	1	2004-06-29 00:00:00	41.28
2488826	509	1	2004-06-29 00:00:00	41.27
2449712	509	127	2004-07-14 00:00:00	41.20
2502415	509	127	2004-07-14 00:00:00	41.21
2445544	509	128	2004-07-14 00:00:00	41.74
2498588	509	128	2004-07-14 00:00:00	41.71
2445010	509	2	2004-06-29 00:00:00	41.98
2488827	509	2	2004-06-29 00:00:00	42.00
2417594	509	3	1991-05-01 00:00:00	43.00
2448129	509	3	1991-05-01 00:00:00	43.00
2445199	509	3	2004-07-28 00:00:00	41.98
2500811	509	3	2004-07-28 00:00:00	41.92
2449982	509	4	1990-07-02 00:00:00	44.00
2450125	509	4	1990-08-20 00:00:00	44.00
2449984	509	4	1991-03-14 00:00:00	43.00
2418547	509	4	1991-05-01 00:00:00	44.00
2451192	509	4	1991-05-01 00:00:00	44.00
2420866	509	463	2002-07-16 00:00:00	41.47
2454261	509	463	2002-07-16 00:00:00	41.36
2580102	557	AH06	2008-06-05 00:00:00	333.00
2569906	557	SJBS10	2005-10-18 13:10:00	293.00
3260582	965	10-7-19	2009-09-11 00:00:00	42.60
3260793	965	10-7-23	2009-09-11 00:00:00	41.40
3260401	965	10-7-24	2009-09-11 00:00:00	42.60
3260356	965	10-7-27	2009-09-11 00:00:00	41.40
3260489	965	9-6-27	2009-04-30 00:00:00	41.90
3263778	965	9-6-27	2009-04-30 00:00:00	42.10
3260085	965	9-7-29	2009-04-29 00:00:00	42.30
3264416	965	9-7-29	2009-04-29 00:00:00	42.20
3263173	3000	58	2016-06-16 00:00:00	44.50
3263304	3000	58	2017-02-24 00:00:00	43.50
3262034	3000	75	2015-08-17 00:00:00	47.50
3263175	3000	80	2015-08-07 00:00:00	43.00
3587733	3001	CL-0034-01	2021-06-22 00:00:00	49.00
3590541	3001	CL-0275-01	2021-09-08 00:00:00	50.00
3577092	3001	IR2901	2001-03-19 00:00:00	50.40
3572423	3001	IR2901	2001-03-27 00:00:00	42.80
4013274	3001	IR2901	2001-04-03 00:00:00	42.00
4030960	3001	IR3070	1994-05-15 00:00:00	43.00
3621295	3001	IR3070	1994-07-23 00:00:00	43.50
3624498	3001	IR3070	1999-08-17 00:00:00	41.60
4016180	3001	IR3250	2013-06-14 00:00:00	42.40
4031482	3001	IR3250	2014-08-29 00:00:00	46.20

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4027741	3001	IR3250	2014-11-07 00:00:00	41.40
3571959	3001	IR3310	2001-01-09 00:00:00	44.80
4020743	3001	IR3775	2007-04-10 00:00:00	44.00
3572732	3001	IRE430	2000-02-13 00:00:00	41.60
3422791	3013	IRLSG091	2011-06-03 00:00:00	43.05
3422792	3013	IRLSG091	2012-07-31 00:00:00	45.15
3423341	3013	IRLSG092	2011-06-03 00:00:00	43.00
3423623	3013	IRLSG092	2012-07-31 00:00:00	44.70
3275750	4043	FH-18-14-2009	2009-05-04 00:00:00	41.40
3295457	4049	BLK-2005-65	2005-05-06 00:00:00	42.50
3296696	4049	MAN-2009-10	2009-05-12 00:00:00	42.02
3295576	4049	MAN-2009-11	2009-05-12 00:00:00	42.27
3296770	4049	MAN-2009-12	2009-05-12 00:00:00	42.51
3296771	4049	MAN-2009-13	2009-05-12 00:00:00	42.15
3296527	4049	MAN-2009-14	2009-05-12 00:00:00	42.88
3296528	4049	MAN-2009-15	2009-05-12 00:00:00	42.23
3296122	4049	MAN-2009-16	2009-05-12 00:00:00	42.41
3296697	4049	MAN-2009-17	2009-05-12 00:00:00	42.55
3295577	4049	MAN-2009-18	2009-05-12 00:00:00	43.12
3296698	4049	MAN-2009-19	2009-05-12 00:00:00	43.20
3296121	4049	MAN-2009-2	2009-05-12 00:00:00	42.16
3296046	4049	MAN-2009-21	2009-05-12 00:00:00	43.18
3296837	4049	MAN-2009-22	2009-05-12 00:00:00	42.62
3296047	4049	MAN-2009-23	2009-05-12 00:00:00	42.53
3296927	4049	MAN-2009-24	2009-05-12 00:00:00	42.43
3296279	4049	MAN-2009-25	2009-05-12 00:00:00	42.33
3296422	4049	MAN-2009-26	2009-05-12 00:00:00	42.37
3296228	4049	MAN-2009-27	2009-05-12 00:00:00	42.31
3295983	4049	MAN-2009-29	2009-05-12 00:00:00	42.06
3295949	4049	MAN-2009-3	2009-05-12 00:00:00	42.32
3295718	4049	MAN-2009-4	2009-05-12 00:00:00	42.26
3296177	4049	MAN-2009-5	2009-05-12 00:00:00	42.19
3295719	4049	MAN-2009-6	2009-05-12 00:00:00	42.01
3296926	4049	MAN-2009-7	2009-05-12 00:00:00	41.94
3296106	4049	MAN-2009-8	2009-05-12 00:00:00	41.91
3295808	4049	MAN-2009-9	2009-05-12 00:00:00	41.93
3284948	4057	AN01	2015-07-08 00:00:00	41.50
3284520	4057	AN01	2015-08-03 00:00:00	41.50
3285449	4057	BB54	2015-08-07 00:00:00	43.00
3344175	4058	37	2017-12-19 11:26:00	93.30
3344886	4058	59	2017-09-20 12:43:00	48.90
3344397	4058	61	2017-09-20 10:01:00	44.70
3980253	4067	11328	2009-09-28 14:01:00	43.10
3935871	4067	11329	2009-09-28 14:27:00	41.60
3975335	4067	11329	2009-09-28 14:27:00	43.99
3507610	4067	2656	1995-10-10 12:07:00	147.00
3507614	4067	2656	1995-10-10 12:07:00	111.70
3507618	4067	2656	1995-10-10 12:07:00	184.20
3508047	4067	2656	1995-10-10 12:07:00	128.50
3508051	4067	2656	1995-10-10 12:07:00	107.50
3508076	4067	2656	1995-10-10 12:07:00	114.80
3508080	4067	2656	1995-10-10 12:07:00	120.90

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3508399	4067	2656	1995-10-10 12:07:00	104.60
3508510	4067	2656	1995-10-10 12:07:00	105.20
3508514	4067	2656	1995-10-10 12:07:00	106.00
3508518	4067	2656	1995-10-10 12:07:00	133.20
3509945	4067	2656	1995-10-10 12:07:00	199.10
3509949	4067	2656	1995-10-10 12:07:00	162.50
3509953	4067	2656	1995-10-10 12:07:00	105.40
3512500	4067	2656	1995-10-10 12:07:00	170.30
3512504	4067	2656	1995-10-10 12:07:00	107.00
3512508	4067	2656	1995-10-10 12:07:00	139.70
3512512	4067	2656	1995-10-10 12:07:00	107.40
3514068	4067	2656	1995-10-10 12:07:00	108.60
3514072	4067	2656	1995-10-10 12:07:00	106.60
3514078	4067	2656	1995-10-10 12:07:00	124.90
3514082	4067	2656	1995-10-10 12:07:00	154.40
3514086	4067	2656	1995-10-10 12:07:00	106.30
3980013	4067	2656	1995-10-10 12:07:00	111.20
3980017	4067	2656	1995-10-10 12:07:00	108.30
3980021	4067	2656	1995-10-10 12:07:00	104.20
3980025	4067	2656	1995-10-10 12:07:00	107.60
3980338	4067	2656	1995-10-10 12:07:00	105.30
3980342	4067	2656	1995-10-10 12:07:00	105.10
3980346	4067	2656	1995-10-10 12:07:00	192.60
3980773	4067	2656	1995-10-10 12:07:00	105.40
3980777	4067	2656	1995-10-10 12:07:00	104.10
3980781	4067	2656	1995-10-10 12:07:00	109.70
3980785	4067	2656	1995-10-10 12:07:00	105.70
3980953	4067	2656	1995-10-10 12:07:00	114.10
3980957	4067	2656	1995-10-10 12:07:00	179.10
3980961	4067	2656	1995-10-10 12:07:00	103.90
3981144	4067	2656	1995-10-10 12:07:00	112.50
3981148	4067	2656	1995-10-10 12:07:00	104.70
3981152	4067	2656	1995-10-10 12:07:00	122.80
3983201	4067	2656	1995-10-10 12:07:00	109.10
3983205	4067	2656	1995-10-10 12:07:00	104.90
3983209	4067	2656	1995-10-10 12:07:00	107.70
3983213	4067	2656	1995-10-10 12:07:00	105.20
3983217	4067	2656	1995-10-10 12:07:00	107.80
3984535	4067	2656	1995-10-10 12:07:00	116.40
3986431	4067	2656	1995-10-10 12:07:00	118.80
3986437	4067	2656	1995-10-10 12:07:00	109.20

Programs containing flagged data:

3 - Atlantic Oceanographic and Meteorological Laboratory (AOML) South Florida Program Synoptic Shipboard Surveys
69 - Fisheries-Independent Monitoring (FIM) Program
95 - Harmful Algal Bloom Marine Observation Network
115 - Environmental Monitoring Assessment Program
118 - National Aquatic Resource Surveys, National Coastal Condition Assessment
297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
354 - Rookery Bay National Estuarine Research Reserve System-Wide Monitoring Program

456 - Oyster Sentinel
476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network
479 - Southwest Florida Water Management District - Water Quality Monitoring
509 - SERC Water Quality Monitoring Network
557 - Central Panhandle Aquatic Preserves Seagrass Monitoring
965 - South Florida Seagrass Fish and Invertebrate Assessment Network
3000 - Florida Keys Water Watch
3001 - Lagoon Watch (Formerly Marine Discovery Center)
3013 - Seagrass (SJRWMD)
4043 - RBNERR Fish Assessment
4049 - The South Florida Fisheries Habitat Assessment Program (FHAP)
4057 - Biscayne Bay Water Watch
4058 - City of Miami Beach Water Monitoring
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN

Specific Conductivity

Table 45: Flagged Values - High Indicator Quantile: **60.69928**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3449211	354	rkbfbnut	2009-05-14 10:15:00	63.64
3454670	354	rkbfbnut	2014-05-07 10:41:00	60.71
3446474	354	rkbfbnut	2014-05-07 10:46:00	60.71
3449973	354	rkbfbnut	2014-06-04 09:06:00	60.74
3449225	354	rkbfbnut	2014-06-04 09:10:00	60.74
3448655	354	rkbfunut	2009-05-14 09:44:00	62.56
3455295	354	rkbfunut	2014-06-04 08:41:00	61.67
3446425	354	rkbfunut	2014-06-04 08:45:00	61.67
3446315	354	rkbhnut	2009-05-14 08:20:00	62.90
3448989	354	rkbpbnut	2014-06-04 08:17:00	62.23
3448659	354	rkbpbnut	2014-06-04 08:20:00	62.23
3437695	355	apapcnut	2017-11-27 00:00:00	80.82
3672245	479	20979	2006-02-21 10:40:00	1000.00
3681971	479	20979	2006-04-13 10:00:00	1000.00
3868657	479	20979	2006-12-05 11:00:00	1000.00
3865282	479	20979	2007-02-07 11:10:00	1000.00
3867213	479	20979	2007-04-09 10:10:00	1000.00
3681911	479	20979	2007-06-27 09:40:00	1000.00
3865284	479	20979	2007-08-07 13:30:00	1000.00
3866719	479	20979	2007-10-11 09:55:00	1000.00
3867215	479	20979	2007-12-19 11:05:00	1000.00
3866996	479	20979	2008-02-14 11:25:00	1000.00
3865805	479	20979	2008-04-23 10:20:00	1000.00
3866716	479	20979	2008-06-25 09:45:00	1000.00
2388669	572	JB1	2000-07-10 00:00:00	61.50
3418994	3013	IRLSG060	2011-06-21 00:00:00	60.93
3423038	3013	IRLSG091	2011-06-03 00:00:00	63.71
3423039	3013	IRLSG091	2012-07-31 00:00:00	66.52
3423051	3013	IRLSG092	2011-06-03 00:00:00	63.66
3423052	3013	IRLSG092	2012-07-31 00:00:00	65.91
3343413	4044	NRDA_APA-CT-MP1	2019-09-17 10:40:00	268.10
3342485	4044	NRDA_APA-CT-MP2	2019-09-17 10:59:00	268.10
3401884	4058	17-2018-01-01	2019-02-20 12:08:00	95.00
3404328	4058	19-2018-01-01	2019-02-20 11:34:00	104.50
3349856	4058	30	2016-12-13 11:07:00	75.40
3347410	4058	32	2018-01-11 11:55:00	99.17
3348308	4058	4-2018-01-01	2019-02-20 10:19:00	83.40
3347984	4058	42-2018-01-01	2019-02-20 13:50:00	99.50
3400810	4058	45	2016-12-13 09:40:00	95.54
3348521	4058	46-2018-01-01	2019-04-16 10:42:00	66.99
3406642	4058	47-2018-01-01	2021-11-16 10:20:00	62.44
3348978	4058	54-2018-01-01	2019-02-20 14:02:00	92.10
3347897	4058	56-2018-01-01	2019-02-20 14:23:00	96.70
3401304	4058	60-2018-01-01	2019-02-20 14:25:00	101.00
3325322	4058	63-2018-01-01	2021-07-15 12:16:00	444.70
3484406	4067	11328	2009-09-28 14:01:00	60.90
3933259	4067	11328	2009-09-28 14:01:00	64.30
3490052	4067	11329	2009-09-28 14:27:00	62.30

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3932718	4067	11329	2009-09-28 14:27:00	65.50
5481342	10000	WIN_21FLLOX_20	2021-07-28 13:55:00	60.71

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)
354 - Rookery Bay National Estuarine Research Reserve System-Wide Monitoring Program
355 - Apalachicola National Estuarine Research Reserve System-Wide Monitoring Program
479 - Southwest Florida Water Management District - Water Quality Monitoring
572 - Rookery Bay National Estuarine Research Reserve Seagrass Monitoring
3013 - Seagrass (SJRWMD)
4044 - NRDA Oyster Cultch Recovery Project
4058 - City of Miami Beach Water Monitoring
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN
10000 - RiverKeeper

Water Temperature

Table 46: Flagged Values - High Indicator Quantile: **33.89**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
636002	69	APM2004080806	2004-08-23 00:00:00	33.90
754934	69	APM2009080609	2009-08-12 00:00:00	34.00
648868	69	APM2010061108	2010-06-17 00:00:00	34.10
651785	69	APM2010061108	2010-06-17 00:00:00	34.00
801221	69	APM2010071305	2010-07-21 00:00:00	34.30
804293	69	APM2011061107	2011-06-22 00:00:00	33.90
804353	69	APM2011061107	2011-06-22 00:00:00	34.30
792157	69	APM2011061205	2011-06-23 00:00:00	36.60
782011	69	APM2016070406	2016-07-06 00:00:00	34.30
784614	69	APM2016070406	2016-07-06 00:00:00	33.90
779418	69	APM2016070408	2016-07-06 00:00:00	34.30
780018	69	APM2016070408	2016-07-06 00:00:00	34.20
784030	69	APM2016070807	2016-07-12 00:00:00	34.40
787215	69	APM2016070807	2016-07-12 00:00:00	34.10
809836	69	APM2016070808	2016-07-12 00:00:00	34.10
810050	69	APM2016070808	2016-07-12 00:00:00	34.10
637810	69	APM2016070809	2016-07-12 00:00:00	34.90
637812	69	APM2016070809	2016-07-12 00:00:00	34.90
807166	69	APM2017081009	2017-08-10 00:00:00	36.10
808054	69	APM2017081009	2017-08-10 00:00:00	35.90
808228	69	APM2017090103	2017-09-05 00:00:00	34.40
647570	69	BBM2010070310	2010-07-22 00:00:00	34.20
775704	69	BBM2013080205	2013-08-06 00:00:00	34.40
775005	69	BBM2013080207	2013-08-06 00:00:00	34.10
447	69	BBM2016070110	2016-07-12 00:00:00	34.10
1513	69	BBM2016070110	2016-07-12 00:00:00	34.00
657763	69	CHM1989100201	1989-10-02 00:00:00	34.10
3531	69	CHM1989100202	1989-10-02 00:00:00	34.10
792271	69	CHM1989100203	1989-10-02 00:00:00	34.10
6220	69	CHM1996072307	1996-07-23 00:00:00	34.60
15803	69	CHM1996072309	1996-07-23 00:00:00	34.40
18188	69	CHM1996072511	1996-07-25 00:00:00	34.50
15626	69	CHM1997070805	1997-07-08 00:00:00	34.50
4428	69	CHM1998081209	1998-08-12 00:00:00	36.20
6296	69	CHM1998081210	1998-08-12 00:00:00	35.00
605150	69	CHM1998081307	1998-08-13 00:00:00	34.10
6143	69	CHM1999072105	1999-07-21 00:00:00	33.90
606181	69	CHM2001081304	2001-08-13 00:00:00	34.80
13460	69	CHM2001081608	2001-08-16 00:00:00	34.10
15311	69	CHM2002071605	2002-07-16 00:00:00	35.10
35562	69	CHM2002071805	2002-07-18 00:00:00	34.20
609168	69	CHM2002072609	2002-07-26 00:00:00	33.90
35232	69	CHM2002072611	2002-07-26 00:00:00	34.30
35233	69	CHM2002072611	2002-07-26 00:00:00	34.20
19224	69	CHM2003070209	2003-07-11 00:00:00	34.30
11173	69	CHM2003070704	2003-07-21 00:00:00	34.90
9479	69	CHM2004070407	2004-07-06 00:00:00	33.90
10419	69	CHM2004070407	2004-07-06 00:00:00	33.90

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9597	69	CHM2004070408	2004-07-06 00:00:00	33.90
12430	69	CHM2004070408	2004-07-06 00:00:00	33.90
9922	69	CHM2004070807	2004-07-08 00:00:00	34.20
17477	69	CHM2004101205	2004-10-01 00:00:00	34.40
17512	69	CHM2004101205	2004-10-01 00:00:00	34.30
19395	69	CHM2005070608	2005-07-07 00:00:00	33.90
886957	69	CHM2005071409	2005-07-07 00:00:00	34.00
613312	69	CHM2005080406	2005-08-11 00:00:00	34.10
18795	69	CHM2005080804	2005-08-12 00:00:00	34.30
615161	69	CHM2005080904	2005-08-11 00:00:00	34.00
615162	69	CHM2005080906	2005-08-11 00:00:00	35.30
615353	69	CHM2005080906	2005-08-11 00:00:00	35.30
24280	69	CHM2005080907	2005-08-11 00:00:00	34.80
611036	69	CHM2005080908	2005-08-11 00:00:00	35.50
610289	69	CHM2005081607	2005-08-23 00:00:00	34.60
613179	69	CHM2005081607	2005-08-23 00:00:00	34.60
891202	69	CHM2006081205	2006-08-15 00:00:00	34.00
894024	69	CHM2006081205	2006-08-15 00:00:00	34.00
10568	69	CHM2006081306	2006-08-03 00:00:00	34.10
886208	69	CHM2007080209	2007-08-16 00:00:00	33.90
882552	69	CHM2007080906	2007-08-09 00:00:00	33.90
884875	69	CHM2007081104	2007-08-09 00:00:00	33.90
10178	69	CHM2007081403	2007-08-07 00:00:00	33.90
876357	69	CHM2008070309	2008-07-21 00:00:00	34.00
604506	69	CHM2008071106	2008-07-17 00:00:00	38.70
610157	69	CHM2008081407	2008-08-27 00:00:00	34.00
613765	69	CHM2008081407	2008-08-27 00:00:00	34.20
613766	69	CHM2008081407	2008-08-27 00:00:00	34.20
921250	69	CHM2009061504	2009-06-18 00:00:00	33.90
942259	69	CHM2009070804	2009-07-16 00:00:00	34.40
937139	69	CHM2010080503	2010-08-03 00:00:00	34.60
913965	69	CHM2010080504	2010-08-03 00:00:00	35.10
913966	69	CHM2010080504	2010-08-03 00:00:00	35.10
915457	69	CHM2010080505	2010-08-03 00:00:00	35.70
639761	69	CHM2010081303	2010-08-19 00:00:00	34.20
642590	69	CHM2011061003	2011-06-17 00:00:00	39.90
642067	69	CHM2011080407	2011-08-08 00:00:00	34.00
1000872	69	CHM2011080409	2011-08-08 00:00:00	33.90
1000873	69	CHM2011080409	2011-08-08 00:00:00	34.10
923830	69	CHM2011080508	2011-08-19 00:00:00	34.20
936537	69	CHM2011090408	2011-09-13 00:00:00	34.20
929559	69	CHM2011101106	2011-10-14 00:00:00	37.20
652933	69	CHM2013101305	2013-10-11 00:00:00	35.80
1001021	69	CHM2014060508	2014-06-11 00:00:00	34.50
967568	69	CHM2014071612	2014-07-18 00:00:00	34.20
972420	69	CHM2014071612	2014-07-18 00:00:00	34.20
919843	69	CHM2014071703	2014-07-21 00:00:00	34.20
974190	69	CHM2014071810	2014-07-22 00:00:00	34.00
974191	69	CHM2014071810	2014-07-22 00:00:00	34.00
923643	69	CHM2014080408	2014-08-21 00:00:00	34.10
924098	69	CHM2014080408	2014-08-21 00:00:00	34.30
1003324	69	CHM2014080805	2014-08-18 00:00:00	34.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1006095	69	CHM2014080805	2014-08-18 00:00:00	34.60
968583	69	CHM2014081205	2014-08-21 00:00:00	34.10
969383	69	CHM2014081205	2014-08-21 00:00:00	34.10
926530	69	CHM2014081611	2014-08-06 00:00:00	34.40
931017	69	CHM2014081611	2014-08-06 00:00:00	34.40
621497	69	CHM2015060907	2015-06-25 00:00:00	33.90
998510	69	CHM2015061510	2015-06-23 00:00:00	34.30
620908	69	CHM2015061512	2015-06-23 00:00:00	33.90
624126	69	CHM2015061512	2015-06-23 00:00:00	33.90
1025724	69	CHM2015070910	2015-07-09 00:00:00	34.40
903159	69	CHM2015081304	2015-08-25 00:00:00	34.00
1019790	69	CHM2016070408	2016-07-08 00:00:00	34.10
955889	69	CHM2016070409	2016-07-08 00:00:00	35.70
957757	69	CHM2016070409	2016-07-08 00:00:00	35.70
1020171	69	CHM2016070410	2016-07-08 00:00:00	35.10
1021067	69	CHM2016070410	2016-07-08 00:00:00	35.10
921331	69	CHM2016070806	2016-07-08 00:00:00	33.90
631759	69	CHM2016070808	2016-07-08 00:00:00	34.60
641102	69	CHM2016070808	2016-07-08 00:00:00	34.50
958880	69	CHM2016070809	2016-07-08 00:00:00	36.10
961140	69	CHM2016070809	2016-07-08 00:00:00	36.10
630654	69	CHM2016071409	2016-07-11 00:00:00	33.90
635537	69	CHM2016071409	2016-07-11 00:00:00	33.90
644041	69	CHM2016071409	2016-07-11 00:00:00	33.90
925422	69	CHM2016091805	2016-09-23 00:00:00	33.90
927419	69	CHM2016091805	2016-09-23 00:00:00	34.00
906909	69	CHM2017071008	2017-07-26 00:00:00	35.00
886825	69	CHM2017071009	2017-07-26 00:00:00	34.30
887514	69	CHM2017071009	2017-07-26 00:00:00	34.30
642539	69	CHM2017071010	2017-07-26 00:00:00	34.70
644124	69	CHM2017071012	2017-07-26 00:00:00	35.40
885449	69	CHM2017081507	2017-08-17 00:00:00	34.90
638523	69	CHM2017081508	2017-08-17 00:00:00	34.30
647678	69	CHM2017081508	2017-08-17 00:00:00	34.30
931739	69	CHM2017081705	2017-08-16 00:00:00	34.10
886340	69	CHM2017081706	2017-08-16 00:00:00	34.10
911596	69	CHM2017081804	2017-08-15 00:00:00	33.90
648883	69	CKM1997080704	1997-08-07 00:00:00	35.10
932425	69	CKM2001080404	2001-08-09 00:00:00	34.00
929265	69	CKM2001080405	2001-08-09 00:00:00	34.00
930643	69	CKM2001080406	2001-08-09 00:00:00	34.00
652490	69	CKM2001080407	2001-08-09 00:00:00	35.00
957969	69	CKM2001081203	2001-08-27 00:00:00	39.80
939298	69	CKM2002071502	2002-07-30 00:00:00	35.80
972557	69	CKM2005080811	2005-08-19 00:00:00	34.00
684936	69	CKM2006080204	2006-08-02 00:00:00	34.20
963320	69	CKM2010060604	2010-06-15 00:00:00	34.00
962519	69	CKM2010060606	2010-06-15 00:00:00	34.00
904881	69	CKM2010060708	2010-06-16 00:00:00	34.80
609757	69	CKM2010080209	2010-08-02 00:00:00	33.90
613470	69	CKM2010080209	2010-08-02 00:00:00	33.90
608739	69	CKM2010090507	2010-09-13 00:00:00	33.90

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1087159	69	CKM2015070309	2015-07-07 00:00:00	34.00
1087946	69	CKM2015070309	2015-07-07 00:00:00	34.00
1034876	69	CKM2015070805	2015-07-22 00:00:00	35.60
905293	69	CKM2016070407	2016-07-06 00:00:00	34.20
906199	69	CKM2016070407	2016-07-06 00:00:00	35.20
1046918	69	CKM2016070503	2016-07-07 00:00:00	35.30
1042444	69	CKM2016070507	2016-07-07 00:00:00	33.90
1044737	69	CKM2016070806	2016-07-12 00:00:00	34.50
1047539	69	CKM2016070806	2016-07-12 00:00:00	34.30
883740	69	EBM2006070110	2006-07-17 00:00:00	33.90
889372	69	EBM2006070110	2006-07-17 00:00:00	33.90
911624	69	EBM2006070113	2006-07-17 00:00:00	34.80
889373	69	EBM2006070210	2006-07-18 00:00:00	33.90
909460	69	EBM2007090116	2007-09-17 00:00:00	34.20
909267	69	EBM2007090117	2007-09-17 00:00:00	35.30
914668	69	EBM2007090117	2007-09-17 00:00:00	35.30
919513	69	EBM2007090118	2007-09-17 00:00:00	34.30
979840	69	GLM2010070104	2010-07-28 00:00:00	35.10
978283	69	GLM2010070105	2010-07-28 00:00:00	36.10
917634	69	GLM2010070107	2010-07-28 00:00:00	34.60
1030304	69	IRM1997071708	1997-07-17 00:00:00	34.40
650302	69	IRM1998081007	1998-08-10 00:00:00	34.00
1013503	69	IRM1998081306	1998-08-13 00:00:00	34.70
652628	69	IRM1999072703	1999-07-27 00:00:00	34.40
1041497	69	IRM2000062205	2000-06-22 00:00:00	34.80
1034577	69	IRM2001080608	2001-08-20 00:00:00	35.00
1049755	69	IRM2003071605	2003-07-29 00:00:00	34.00
885340	69	IRM2005070807	2005-07-18 00:00:00	34.00
885746	69	IRM2005070807	2005-07-18 00:00:00	34.00
1048025	69	IRM2005080708	2005-08-10 00:00:00	34.00
883548	69	IRM2005081008	2005-08-18 00:00:00	34.00
1048026	69	IRM2005081009	2005-08-18 00:00:00	34.40
1048454	69	IRM2005081009	2005-08-18 00:00:00	34.30
1045583	69	IRM2005081011	2005-08-18 00:00:00	34.40
1045726	69	IRM2005081011	2005-08-18 00:00:00	34.50
895483	69	IRM2006060609	2006-06-09 00:00:00	39.60
1049873	69	IRM2006080507	2006-08-10 00:00:00	33.90
953007	69	IRM2007071107	2007-07-18 00:00:00	34.10
1053193	69	IRM2007081207	2007-08-16 00:00:00	34.90
1053194	69	IRM2007081207	2007-08-16 00:00:00	35.00
899505	69	IRM2009061107	2009-06-19 00:00:00	33.90
957899	69	IRM2010060808	2010-06-14 00:00:00	34.80
662631	69	IRM2010071102	2010-07-27 00:00:00	33.90
956778	69	IRM2010071110	2010-07-27 00:00:00	34.00
960742	69	IRM2010071110	2010-07-27 00:00:00	34.40
960249	69	IRM2010080809	2010-08-19 00:00:00	34.00
978925	69	IRM2010080810	2010-08-19 00:00:00	34.30
982921	69	IRM2010080810	2010-08-19 00:00:00	34.30
662056	69	IRM2010080814	2010-08-19 00:00:00	35.10
662108	69	IRM2010080814	2010-08-19 00:00:00	35.00
1003947	69	IRM2013060707	2013-06-12 00:00:00	33.90
975256	69	IRM2015061401	2015-06-24 00:00:00	34.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
992336	69	IRM2015070305	2015-07-06 00:00:00	34.40
1008971	69	IRM2015070606	2015-07-09 00:00:00	35.00
671801	69	IRM2017081107	2017-08-18 00:00:00	34.80
965598	69	JXM2014070308	2014-07-10 00:00:00	34.70
466127	69	SJM2017070107	2017-07-05 00:00:00	34.40
470377	69	SJM2017070107	2017-07-05 00:00:00	34.40
555687	69	TBD1996091904	1996-09-19 00:00:00	34.00
663677	69	TBD2002072606	2002-07-18 00:00:00	34.10
453125	69	TBD2016060109	2016-06-14 00:00:00	34.00
559753	69	TBM1997061814	1997-06-18 00:00:00	34.20
712445	69	TBM1997061815	1997-06-18 00:00:00	34.20
469448	69	TBM1997081312	1997-08-13 00:00:00	34.30
551295	69	TBM1998081004	1998-08-10 00:00:00	34.50
554878	69	TBM1998081004	1998-08-10 00:00:00	35.60
556549	69	TBM1999072103	1999-07-21 00:00:00	34.00
491010	69	TBM2001061302	2001-06-14 00:00:00	35.60
491011	69	TBM2001061302	2001-06-14 00:00:00	35.20
493063	69	TBM2001061302	2001-06-14 00:00:00	35.50
497417	69	TBM2001061303	2001-06-14 00:00:00	35.40
658954	69	TBM2004081311	2004-08-19 00:00:00	33.90
661232	69	TBM2004081312	2004-08-19 00:00:00	33.90
491046	69	TBM2004081314	2004-08-19 00:00:00	34.20
655740	69	TBM2004081315	2004-08-19 00:00:00	33.90
658157	69	TBM2004081315	2004-08-19 00:00:00	34.00
672734	69	TBM2005080912	2005-08-12 00:00:00	34.00
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497332	69	TBM2005080913	2005-08-12 00:00:00	34.30
533340	69	TBM2005081308	2005-08-11 00:00:00	34.20
534695	69	TBM2005081308	2005-08-11 00:00:00	34.30
533770	69	TBM2005090604	2005-09-02 00:00:00	34.70
534419	69	TBM2005090604	2005-09-02 00:00:00	34.90
536932	69	TBM2005090604	2005-09-02 00:00:00	34.40
674614	69	TBM2006080307	2006-08-01 00:00:00	35.20
676680	69	TBM2006080706	2006-08-03 00:00:00	34.20
676797	69	TBM2006080706	2006-08-03 00:00:00	34.00
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539184	69	TBM2006080707	2006-08-03 00:00:00	34.20
509724	69	TBM2006082016	2006-08-14 00:00:00	34.60
505589	69	TBM2006082110	2006-08-14 00:00:00	34.50
672748	69	TBM2006082111	2006-08-14 00:00:00	35.20
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534192	69	TBM2006082113	2006-08-14 00:00:00	34.50
501960	69	TBM2006082114	2006-08-14 00:00:00	38.00
672176	69	TBM2007080506	2007-08-06 00:00:00	34.20
513400	69	TBM2007080507	2007-08-06 00:00:00	34.00
514817	69	TBM2007080507	2007-08-06 00:00:00	34.00
504415	69	TBM2007080906	2007-08-07 00:00:00	34.60
505486	69	TBM2007080906	2007-08-07 00:00:00	34.60
526722	69	TBM2008080508	2008-08-06 00:00:00	35.40
528720	69	TBM2008080508	2008-08-06 00:00:00	35.40
572988	69	TBM2009100508	2009-10-08 00:00:00	35.10
576577	69	TBM2009100508	2009-10-08 00:00:00	35.00

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684052	69	TBM2010080607	2010-08-19 00:00:00	34.30
547371	69	TBM2010081004	2010-08-24 00:00:00	34.00
546974	69	TBM2010081405	2010-08-17 00:00:00	34.00
551199	69	TBM2010081405	2010-08-17 00:00:00	34.10
583121	69	TBM2010091209	2010-09-14 00:00:00	37.40
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588248	69	TBM2010091209	2010-09-14 00:00:00	37.40
683187	69	TBM2011081208	2011-08-18 00:00:00	34.00
684685	69	TBM2011081208	2011-08-18 00:00:00	33.90
515962	69	TBM2012090308	2012-09-05 00:00:00	33.90
555123	69	TBM2016071106	2016-07-07 00:00:00	34.20
559438	69	TBM2016071106	2016-07-07 00:00:00	34.30
572333	69	TBM2017080506	2017-08-17 00:00:00	33.90
731348	69	TBM2017080507	2017-08-17 00:00:00	34.70
593054	69	TQM2008060303	2008-06-10 00:00:00	33.90
586504	69	TQM2009060305	2009-06-16 00:00:00	34.30
587509	69	TQM2009060305	2009-06-16 00:00:00	34.30
735236	69	TQM2014080303	2014-08-20 00:00:00	34.30
742617	69	TQM2014080303	2014-08-20 00:00:00	34.30
566838	69	TQM2014080410	2014-08-19 00:00:00	34.60
563322	69	TQM2014080411	2014-08-19 00:00:00	34.00
737551	69	TQM2014080514	2014-08-20 00:00:00	34.10
590145	69	TQM2014080515	2014-08-20 00:00:00	33.90
592596	69	TQM2014080515	2014-08-20 00:00:00	34.00
587607	69	TQM2015060608	2015-06-22 00:00:00	34.10
536045	69	TQM2015060615	2015-06-22 00:00:00	33.90
536160	69	TQM2015060615	2015-06-22 00:00:00	33.90
736157	69	TQM2015060616	2015-06-22 00:00:00	33.90
737021	69	TQM2015060616	2015-06-22 00:00:00	34.00
1172625	95	10296	1963-09-04 00:00:00	34.20
1173227	95	10296	1963-09-04 00:00:00	34.20
1143358	95	10345	1984-08-20 00:00:00	36.10
1158581	95	10345	1986-09-15 00:00:00	35.20
1157698	95	10345	1995-11-06 00:00:00	34.00
1152901	95	15700	2014-05-29 00:00:00	35.60
1173385	95	158	2003-03-06 00:00:00	36.60
1153762	95	15873	2012-08-14 00:00:00	33.90
1147492	95	15873	2017-07-03 00:00:00	34.03
1165019	95	16062	2011-03-29 00:00:00	34.00
1143342	95	16434	2018-03-08 00:00:00	34.48
1143513	95	16509	2018-03-08 00:00:00	34.45
1142435	95	16515	1982-07-26 00:00:00	34.00
1170146	95	16539	2008-07-24 00:00:00	34.90
1166036	95	16539	2017-04-04 00:00:00	34.80
1159409	95	16794	1955-08-10 00:00:00	34.00
1154339	95	17178	1978-09-21 00:00:00	35.00
1158428	95	17392	2015-02-16 00:00:00	34.30
1155005	95	17552	1978-09-21 00:00:00	34.00
1147529	95	17626	2009-07-28 00:00:00	35.30

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1150311	95	17626	2009-08-11 00:00:00	36.10
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1155446	95	17868	2005-07-05 00:00:00	34.00
1152618	95	17868	2005-08-24 00:00:00	34.00
1151367	95	18176	2005-07-07 00:00:00	34.00
1164447	95	18183	2016-07-25 00:00:00	36.39
1156856	95	18186	1955-08-10 00:00:00	34.00
1171903	95	18204	2011-08-24 00:00:00	33.90
1147408	95	18206	2009-07-15 00:00:00	34.50
1149911	95	18206	2009-08-12 00:00:00	34.00
1148912	95	18313	2018-06-19 00:00:00	34.10
1156125	95	18377	2005-07-05 00:00:00	34.00
1144542	95	18842	1990-02-27 00:00:00	34.00
1165883	95	18859	2003-07-10 00:00:00	34.00
1170837	95	19028	2011-08-24 00:00:00	37.70
1166845	95	19258	2003-07-10 00:00:00	34.00
1148617	95	19264	2017-05-16 00:00:00	34.40
1161506	95	20073	2016-06-23 00:00:00	36.40
1165235	95	20073	2016-08-23 00:00:00	34.20
1148599	95	20073	2018-07-11 00:00:00	34.60
1148880	95	20073	2018-08-09 00:00:00	34.80
1149282	95	20073	2018-08-15 00:00:00	34.00
1161819	95	20268	2016-07-15 00:00:00	34.80
1152509	95	20498	2017-08-06 00:00:00	34.80
1154256	95	20602	2017-08-06 00:00:00	34.40
1144786	95	207	2006-09-18 00:00:00	35.50
1150536	95	2109	2017-06-17 00:00:00	35.00
1159144	95	22656	1999-09-10 00:00:00	36.70
1149090	95	22874	2017-07-06 00:00:00	34.40
1149547	95	274	2018-08-13 00:00:00	34.00
1171520	95	3308	1996-04-04 00:00:00	34.00
1170498	95	3308	1996-05-20 00:00:00	34.00
1171708	95	3327	2011-08-23 00:00:00	37.00
1169415	95	3475	1996-04-04 00:00:00	35.00
1153020	95	3496	2012-09-04 00:00:00	34.00
1163685	95	3496	2016-08-01 00:00:00	34.00
1152091	95	3652	2012-09-04 00:00:00	34.00
1169157	95	6499	1996-05-09 00:00:00	34.10
1171737	95	6500	1996-05-09 00:00:00	34.80
1171953	95	6672	1996-05-09 00:00:00	34.60
1169713	95	7041	1996-05-09 00:00:00	34.50
1169921	95	7043	1996-05-09 00:00:00	34.20
1160206	95	7372	1982-07-20 00:00:00	34.00
1143400	95	7372	1984-08-13 00:00:00	34.20
1169417	95	7372	1996-05-01 00:00:00	35.20
1169352	95	7372	1996-05-09 00:00:00	35.40
1170061	95	7499	1996-05-09 00:00:00	35.40
1170646	95	7500	1996-05-09 00:00:00	35.40
1170232	95	7695	1996-05-09 00:00:00	35.30
1170060	95	7696	1996-05-09 00:00:00	34.90
1170142	95	8002	1996-05-09 00:00:00	35.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1169695	95	8204	1996-05-09 00:00:00	35.90
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1169401	95	9239	1996-05-09 00:00:00	35.00
1169791	95	9239	1996-05-09 00:00:00	35.40
1143486	95	9765	1984-08-13 00:00:00	35.50
1143086	95	9765	1984-08-20 00:00:00	35.70
1158851	95	9765	1986-09-25 00:00:00	33.90
1171074	95	9765	1996-05-09 00:00:00	34.60
1149836	95	9765	2015-10-12 00:00:00	34.20
2027534	129	4	2009-11-18 00:00:00	118.70
1956682	129	6	2007-09-27 00:00:00	77.90
1958545	129	8	2002-04-17 00:00:00	35.20
1705186	297	214	2010-05-18 00:00:00	37.55
1747263	297	214	2010-05-18 00:00:00	37.55
1728182	297	214	2020-07-14 00:00:00	35.56
1734074	297	242	1997-06-06 00:00:00	39.60
1707962	297	286	2010-01-19 00:00:00	35.24
1752524	297	286	2010-01-19 00:00:00	35.24
1708748	297	291	1999-08-12 00:00:00	34.56
1304380	297	302	1996-07-12 00:00:00	34.50
1730059	297	302	1996-07-12 00:00:00	34.50
1730716	297	304	1997-06-18 00:00:00	35.00
1313457	297	304	1999-02-08 00:00:00	36.80
1732413	297	306	1997-06-18 00:00:00	36.10
1731023	297	307	1997-06-18 00:00:00	35.40
1731276	297	314	1997-06-18 00:00:00	35.00
1700580	297	351	2009-10-07 00:00:00	36.12
1746372	297	351	2009-10-07 00:00:00	36.12
1700395	297	375	2009-10-08 00:00:00	36.54
1748163	297	375	2009-10-08 00:00:00	36.54
1702187	297	376	2009-10-09 00:00:00	37.09
1752734	297	376	2009-10-09 00:00:00	37.09
1706389	297	395	2009-10-06 00:00:00	37.11
1750915	297	395	2009-10-06 00:00:00	37.11
1713407	297	396	2009-10-06 00:00:00	37.17
1747331	297	396	2009-10-06 00:00:00	37.17
1703132	297	503	2017-08-16 00:00:00	34.80
1731487	297	503	2017-08-16 00:00:00	34.76
1714944	297	507	2020-07-15 00:00:00	34.09
3901004	297	WIN_21FLFWC_214-W	2020-07-14 12:21:00	35.56
3858100	297	WIN_21FLFWC_503-W	2017-08-16 15:19:00	34.76
3858858	297	WIN_21FLFWC_503-W	2017-08-16 15:19:00	34.80
3706712	297	WIN_21FLFWC_507-W	2020-07-15 15:04:00	34.09
3897574	303	WIN_21FLSCCF_NWR08	2020-06-30 13:26:00	33.98
3547377	354	rkblhnut	2006-11-25 08:00:00	34.80
3546509	354	rkblhnut	2006-11-25 10:30:00	34.98
3546230	354	rkblhnut	2006-11-25 13:00:00	34.56
3547847	354	rkblhnut	2006-11-25 15:30:00	35.22
3547232	354	rkblhnut	2006-11-25 18:00:00	35.10
3548880	354	rkblhnut	2006-11-25 20:30:00	35.10
3549546	354	rkblhnut	2006-11-25 23:00:00	34.92

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3651034	479	670099	2008-09-16 09:16:00	39.30
3641215	479	670107	2006-02-08 10:35:00	36.98
3837506	479	670107	2007-10-03 09:28:00	36.98
3840064	479	670109	2006-09-06 14:03:00	34.52
3653395	479	670116	2012-06-14 09:35:00	30340.00
3702646	479	WIN_21FLSWFD_670093	2021-07-19 12:58:00	33.90
2441509	509	2	1991-07-09 00:00:00	33.90
2482983	509	456	2006-05-23 00:00:00	37.96
2487206	509	461	2008-07-21 00:00:00	35.60
2476679	509	466	2007-09-11 14:54:00	36.87
2494483	509	466	2007-09-11 14:54:00	36.87
2444137	509	73	2001-06-28 00:00:00	37.20
2487409	509	73	2001-06-28 00:00:00	37.20
2446186	509	74	2001-06-28 00:00:00	35.90
2491739	509	74	2001-06-28 00:00:00	38.40
2874128	537	CBA Niceville-1	2011-08-23 00:00:00	34.22
3728929	540	WIN_21FLWQA_30SEAS715	2019-06-27 11:35:00	35.80
3908249	540	WIN_21FLWQA_70SEAS140	2020-03-18 11:43:00	35.20
2567712	557	SJBS01	2007-06-28 10:04:00	35.40
2438732	558	AHR11	2010-08-03 00:00:00	34.00
2434800	558	AHR22	2012-07-16 00:00:00	41.70
3256541	965	14-1-14	2011-09-07 00:00:00	34.00
3270471	965	14-1-15	2011-09-07 00:00:00	34.00
3256705	965	14-1-27	2011-09-07 00:00:00	34.00
3268147	965	2-5-5	2005-09-14 00:00:00	34.20
3269239	965	2-7-10	2005-09-13 00:00:00	34.50
3268420	965	2-7-23	2005-09-13 00:00:00	33.90
3259272	3000	32	2015-07-21 00:00:00	34.00
3259113	3000	36	2017-06-26 00:00:00	34.50
3259099	3000	46	2016-06-30 00:00:00	34.00
3259870	3000	58	2015-09-03 00:00:00	34.00
3259280	3000	68	2015-09-23 00:00:00	34.00
3259708	3000	68	2016-06-29 00:00:00	35.00
3259709	3000	68	2017-06-30 00:00:00	34.00
3259160	3000	68	2017-07-17 00:00:00	34.00
3260365	3000	68	2017-09-01 00:00:00	34.00
3259904	3000	68	2018-07-18 00:00:00	34.00
3260979	3000	74	2016-08-26 00:00:00	34.00
3259912	3000	75	2015-08-17 00:00:00	35.00
3260032	3000	80	2015-09-11 00:00:00	34.00
3595853	3001	BA0200	1994-06-17 00:00:00	34.00
4029554	3001	BA0200	1994-07-15 00:00:00	34.00
4026053	3001	BA0200	1995-05-14 00:00:00	38.00
3602701	3001	BA0200	1998-10-04 00:00:00	34.00
3590831	3001	BA0200	2002-07-16 00:00:00	34.00
3591261	3001	BA0200	2002-08-07 00:00:00	36.00
3591990	3001	BA0200	2003-07-11 00:00:00	34.00
4026068	3001	BA0200	2003-08-28 00:00:00	36.00
3603420	3001	BA0745	2005-08-16 00:00:00	34.00
3593236	3001	BA0745	2005-08-23 00:00:00	36.00
4017720	3001	BR-0144-01	2022-06-17 00:00:00	34.00
4018851	3001	BR-0144-01	2022-07-15 00:00:00	34.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3601477	3001	BR-0144-01	2022-07-21 00:00:00	34.00
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3601417	3001	BR-0179-02	2022-08-23 00:00:00	34.00
4018763	3001	CL-0127-01	2022-07-14 00:00:00	36.50
3599893	3001	IR2875	2005-08-16 00:00:00	36.00
3608945	3001	IR2900	2010-06-13 00:00:00	34.50
3616584	3001	IR2900	2010-06-20 00:00:00	34.70
4029693	3001	IR2900	2010-06-27 00:00:00	34.70
4029974	3001	IR2900	2010-07-11 00:00:00	35.10
3616585	3001	IR2900	2010-07-18 00:00:00	34.40
4029631	3001	IR2900	2010-08-01 00:00:00	34.20
3618038	3001	IR2900	2010-08-08 00:00:00	34.30
4029497	3001	IR2900	2010-08-22 00:00:00	35.50
4029975	3001	IR2900	2010-08-29 00:00:00	34.50
4029696	3001	IR2900	2010-09-12 00:00:00	33.90
4029681	3001	IR2900	2011-06-19 00:00:00	33.90
3615356	3001	IR2900	2011-06-26 00:00:00	34.70
4030292	3001	IR2900	2011-07-24 00:00:00	35.70
3619411	3001	IR2900	2011-07-31 00:00:00	35.20
4030448	3001	IR2900	2011-08-07 00:00:00	35.50
3614233	3001	IR2900	2011-08-14 00:00:00	34.30
4026518	3001	IR3310	2005-07-23 00:00:00	34.00
4026665	3001	IR3310	2005-08-13 00:00:00	39.00
4026452	3001	IR3310	2005-09-09 00:00:00	34.00
3597743	3001	IR3320	1996-08-15 00:00:00	34.00
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4026537	3001	IR3320	2005-08-19 00:00:00	36.00
4026917	3001	IR3320	2005-08-26 00:00:00	35.00
4030471	3001	IR3400	1997-06-03 00:00:00	38.50
3599803	3001	IR3400	1997-06-10 00:00:00	37.00
4021013	3001	IR3400	2002-09-30 00:00:00	37.00
3600159	3001	ML-0051-01	2020-12-07 00:00:00	40.00
3608378	3001	MO8941	2009-08-05 00:00:00	34.40
4028025	3001	MO8941	2009-08-12 00:00:00	34.10
3598278	3001	SL-0075-01	2022-07-09 00:00:00	36.00
3601627	3001	SL-0075-01	2022-07-23 00:00:00	34.00
3599795	3001	SL-0075-01	2022-09-07 00:00:00	34.00
4019396	3001	SL-0075-01	2022-09-09 00:00:00	34.00
4028266	3001	SR0100	1996-08-20 00:00:00	34.00
4030161	3001	SR0100	1996-08-29 00:00:00	34.00
3592238	3001	SR0100	1996-09-03 00:00:00	35.00
3598125	3001	SR0100	1996-09-10 00:00:00	34.40
3595101	3001	SR0500	1995-07-07 00:00:00	34.00
4030091	3001	SRR010	1998-08-09 00:00:00	35.00
3598848	3001	SRR010	1998-09-01 00:00:00	35.00
3605768	3001	SRR010	1999-07-24 00:00:00	34.00
3605771	3001	SRR010	1999-08-16 00:00:00	34.00
3613609	3001	SRR010	2000-07-07 00:00:00	34.00
3596123	3001	SY0020	1994-07-17 00:00:00	34.50

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3592042	3001	SY0020	1994-08-23 00:00:00	34.00
4030616	3001	SY0020	1997-08-26 00:00:00	39.00
4012266	3001	SY0020	1999-09-07 00:00:00	34.00
4027299	3001	SY0100	1993-06-09 00:00:00	34.00
3599839	3001	SY0150	1997-08-11 00:00:00	36.00
3599816	3001	SY0150	1998-07-21 00:00:00	34.00
3417064	3013	IRLSG052	2003-07-08 00:00:00	34.08
3417065	3013	IRLSG052	2004-06-30 00:00:00	34.07
3416221	3013	IRLSG052	2005-08-22 00:00:00	33.90
3416387	3013	IRLSG052	2019-07-16 00:00:00	34.35
3414723	3013	IRLSG061	2017-07-05 00:00:00	34.10
3415309	3013	IRLSG061	2020-07-23 00:00:00	35.50
3413709	3013	IRLSG062	2020-07-24 00:00:00	38.10
3413460	3013	IRLSG063	2020-07-24 00:00:00	37.30
3414101	3013	IRLSG064	2020-07-24 00:00:00	36.20
3418259	3013	IRLSG065	2020-07-28 00:00:00	35.80
3416390	3013	IRLSG066	2020-07-28 00:00:00	35.00
3285656	4043	FH-46-39-2001	2000-12-07 00:00:00	36.30
3286023	4043	FH-47-29-2001	2000-12-07 00:00:00	35.60
3287271	4043	FH-48-17-2001	2000-12-07 00:00:00	37.90
3738776	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 17:00:00	33.93
3917690	4054	WIN_21FLWQA_GTMPCNUT	2016-07-13 17:00:00	35.62
3918214	4054	WIN_21FLWQA_GTMPCNUT	2016-07-13 19:30:00	35.08
3916476	4054	WIN_21FLWQA_GTMPCNUT	2016-07-13 22:00:00	34.85
3739042	4054	WIN_21FLWQA_GTMPCNUT	2016-07-14 00:30:00	34.78
3736772	4054	WIN_21FLWQA_GTMPCNUT	2016-07-14 03:00:00	34.26
3285223	4057	BB54	2015-09-11 00:00:00	34.05
3343595	4058	24	2016-08-16 11:38:00	36.87
3343447	4058	9	2017-07-28 13:26:00	36.10
3284589	4064	44	2012-07-26 00:00:00	33.90
3284738	4064	44	2012-08-23 00:00:00	34.00
3284631	4064	56	2012-07-26 00:00:00	34.20
3284633	4064	56	2012-08-23 00:00:00	34.30
3982859	4067	11919	2013-08-13 09:11:00	33.90
3987616	4067	1668	2003-05-14 13:14:00	36.98
3990278	4067	1668	2003-05-14 13:14:00	35.44
3992903	4067	1668	2003-05-14 13:14:00	36.39
5490269	5008	WIN_21FLUFSW_CIT-WIT-10	2022-07-21 08:24:00	39.90

Programs containing flagged data:

69 - Fisheries-Independent Monitoring (FIM) Program
95 - Harmful Algal Bloom Marine Observation Network
103 - EPA STorage and RETrieval Data Warehouse (STORET)
129 - Apalachicola National Estuarine Research Reserve Juvenile Fish and Benthic Macroinvertebrate Monitoring
297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
303 - River, Estuary and Coastal Observing Network
354 - Rookery Bay National Estuarine Research Reserve System-Wide Monitoring Program
479 - Southwest Florida Water Management District - Water Quality Monitoring
509 - SERC Water Quality Monitoring Network
537 - Choctawhatchee Basin Alliance Living Shorelines Oyster Reef Monitoring

540 - Shellfish Harvest Area Classification Program
557 - Central Panhandle Aquatic Preserves Seagrass Monitoring
558 - Franklin County Coastal Waters Seagrass Monitoring
965 - South Florida Seagrass Fish and Invertebrate Assessment Network
3000 - Florida Keys Water Watch
3001 - Lagoon Watch (Formerly Marine Discovery Center)
3013 - Seagrass (SJRWMD)
4043 - RBNERR Fish Assessment
4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program
4057 - Biscayne Bay Water Watch
4058 - City of Miami Beach Water Monitoring
4064 - A spatial model to improve site selection for seagrass restoration in shallow boating environments
4067 - Tampa Bay Benthic Monitoring
5002 - Florida STORET / WIN
5008 - Project COAST (Coastal Assessment Team) - Springs Coast Ecosystem Region