

Water Column (Discrete) Indicator Quantile Report

SEACAR Analysis

Last compiled on 19 September, 2023

Contents

Overview	2
Purpose	2
Relevant file locations	2
Process steps	2
Summary	3
Low Quantile	5
Ammonia- Un-ionized (NH3)	5
Light Extinction Coefficient	6
Nitrogen, organic	7
Total Nitrogen	8
High Quantile	11
Ammonia- Un-ionized (NH3)	11
Chlorophyll a corrected for pheophytin	12
Chlorophyll a uncorrected for pheophytin	14
Colored dissolved organic matter, CDOM	16
Light Extinction Coefficient	17
NH4 Filtered	18
Nitrate (N)	21
Nitrite (N)	22
Nitrogen, organic	23
NO2+3 Filtered	24
PO4 Filtered	27
Total Kjeldahl Nitrogen TKN	29
Total Nitrogen	31
Total Phosphorus	34
Total Suspended Solids, TSS	37
Turbidity	39

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 Parameters:

- Ammonia- Un-ionized (NH₃)
- Chlorophyll a corrected for pheophytin
- Chlorophyll a uncorrected for pheophytin
- Colored dissolved organic matter, CDOM
- Light Extinction Coefficient
- NH₄ Filtered
- Nitrate (N)
- Nitrite (N)
- Nitrogen, organic
- NO₂+3 Filtered
- PO₄ Filtered
- Total Kjeldahl Nitrogen TKN
- Total Nitrogen
- Total Phosphorus
- Total Suspended Solids, TSS
- Turbidity

The data files used for the analysis:

- Combined_WQ_WC_NUT_Ammonia_Un-ionized_NH3-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Chlorophyll_a_corrected_for_pheophytin-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Chlorophyll_a_uncorrected_for_pheophytin-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Colored_dissolved_organic_matter_CDOM-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Light_Extinction_Coefficient-2023-Jul-14.txt
- Combined_WQ_WC_NUT_NH4_Filtered-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Nitrate_N-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Nitrite_N-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Nitrogen_organic-2023-Jul-14.txt
- Combined_WQ_WC_NUT_NO2_3_Filtered-2023-Jul-14.txt
- Combined_WQ_WC_NUT_PO4_Filtered-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Total_Kjeldahl_Nitrogen_TKN-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Total_Nitrogen-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Total_Phosphorus-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Total_Suspended_Solids_TSS-2023-Jul-14.txt
- Combined_WQ_WC_NUT_Turbidity-2023-Jul-14.txt

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
Chlorophyll a corrected for pheophytin	0.00	120.25	6.59	53235	0	54	0.10
Chlorophyll a uncorrected for pheophytin	0.00	95.66	20.03	63051	0	64	0.10
Colored dissolved organic matter, CDOM	0.00	729.80	26.36	19575	0	20	0.10
Light Extinction Coefficient	0.00	7.94	0.56	15545	16	16	0.21
NH4 Filtered	0.00	5.80	0.09	117638	0	117	0.10
NO2+3 Filtered	0.00	3.30	0.06	130410	0	129	0.10
Nitrate (N)	0.00	0.79	0.02	19483	0	20	0.10
Nitrite (N)	0.00	0.07	0.00	28458	0	29	0.10
Nitrogen (All)	0.00	4.24	0.50	122406	103	123	0.18
Nitrogen (No calc)	0.00	2.65	0.33	74999	103	123	0.30
Nitrogen, organic	0.03	2.70	0.57	7121	6	7	0.18
PO4 Filtered	0.00	0.77	0.04	57315	0	58	0.10
Total Kjeldahl Nitrogen TKN	0.00	5.20	5.74	89887	0	90	0.10
Total Phosphorus	0.00	0.74	0.18	132577	0	133	0.10
Total Suspended Solids, TSS	0.00	186.00	14.40	68747	0	67	0.10
Turbidity	0.00	120.00	5.09	285713	0	285	0.10

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.

Low Quantile

Ammonia- Un-ionized (NH3)

Table 2: Flagged Values - Low Indicator Quantile: **0.00304**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
10628326	5028	MP3C	2020-06-11	0

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

Light Extinction Coefficient

Table 3: Flagged Values - Low Indicator Quantile: **0.001**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6106358	297	212	2002-10-22	0
6118901	297	218	2009-04-22	0
6122400	297	223	2009-07-13	0
6113743	297	252	2009-02-12	0
6112822	297	263	2003-10-01	0
6205570	297	272	2006-05-04	0
6072538	297	279	2006-12-14	0
6101860	297	280	2017-12-12	0
6191265	297	295	2012-02-08	0
6077600	297	307	2006-11-02	0
6073735	297	310	2006-07-12	0
6071595	297	312	2006-07-12	0
6077557	297	318	2015-09-13	0
6075848	297	326	2006-07-19	0
6209731	297	328	2014-11-17	0
6080594	297	403	2006-12-14	0

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

Nitrogen, organic

Table 4: Flagged Values - Low Indicator Quantile: **0.029**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13010036	5002	STORET_21FLHILL_025	2007-06-26	0.02
13010040	5002	STORET_21FLHILL_046	2008-01-08	0.02
13010046	5002	STORET_21FLHILL_092	2004-06-22	0.02
12931682	5002	STORET_21FLLOX_40	2012-12-17	0.02
12977655	5002	STORET_21FLLOX_78	2017-02-13	0.01
12925030	5002	STORET_21FLWPB_28010064	2001-08-31	0.02

Programs containing flagged data:

5002 - Florida STORET / WIN

Total Nitrogen

Table 5: Flagged Values - Low Indicator Quantile: **7e-05**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9260734	103	EMAP_CS-FL03-0011	2003-08-28	0
9254743	103	EMAP_CS-FL03-0013	2003-07-31	0
9504232	103	EMAP_CS-FL03-0027	2003-07-15	0
9507836	103	EMAP_CS-FL03-0030	2003-07-15	0
9260317	103	NARS_WQX-CHA200214	2002-07-16	0
9256041	103	NARS_WQX-FL03-0011	2003-08-28	0
9504900	103	NARS_WQX-FL03-0013	2003-07-31	0
9254747	103	NARS_WQX-FL03-0027	2003-07-15	0
9254871	103	NARS_WQX-FL03-0030	2003-07-15	0
6235852	297	225	2014-04-25	0
10651323	513	STORET_CHNEPCHE-134	2002-02-25	0
10651326	513	STORET_CHNEPCHE-134	2002-02-25	0
10651703	513	STORET_CHNEPCHE-80	2002-02-25	0
10651706	513	STORET_CHNEPCHE-80	2002-02-25	0
10653245	513	STORET_CHNEPCHE-82	2002-02-25	0
10653472	513	STORET_CHNEPCHE-93	2002-06-04	0
10653498	513	STORET_CHNEPCHE-94	2002-02-25	0
10653739	513	STORET_CHNEPCHP-113	2002-01-29	0
10653845	513	STORET_CHNEPCHP-114	2001-10-03	0
10653822	513	STORET_CHNEPCHP-114	2002-02-21	0
10653976	513	STORET_CHNEPCHP-115	2001-10-03	0
10653985	513	STORET_CHNEPCHP-116	2002-02-21	0
10654201	513	STORET_CHNEPCHP-128	2002-01-29	0
10654221	513	STORET_CHNEPCHP-129	2002-02-21	0
10654338	513	STORET_CHNEPCHP-130	2002-02-21	0
10654940	513	STORET_CHNEPCHP-99	2001-10-03	0
10655192	513	STORET_CHNEPCHW-54	2002-02-26	0
10655507	513	STORET_CHNEPCHW-61	2003-11-05	0
10655512	513	STORET_CHNEPCHW-61	2003-11-05	0
10655750	513	STORET_CHNEPCHW-65	2002-02-25	0
10656111	513	STORET_CHNEPCHW-72	2002-06-04	0
10656121	513	STORET_CHNEPCHW-78	2002-01-29	0
10656128	513	STORET_CHNEPCHW-78	2002-02-25	0
10656297	513	STORET_CHNEPCHW-90	2002-02-25	0
10656480	513	STORET_CHNEPLLB-517	2002-02-19	0
10656606	513	STORET_CHNEPLLB-520	2004-06-24	0
10654591	513	STORET_CHNEPLLB-523	2002-02-19	0
10641844	513	STORET_CHNEPLLB-531	2004-06-24	0
10642574	513	STORET_CHNEPLLB-85	2001-10-03	0
10642544	513	STORET_CHNEPLLB-85	2004-06-24	0
6260665	514	Monroe-Tavernier-1-1	2003-09-18	0
6260666	514	Monroe-Tavernier-1-1	2003-10-14	0
6261901	514	Monroe-Tavernier-1-1	2004-03-13	0
6257362	514	Monroe-Tavernier-1-1	2004-04-24	0
6260171	514	Monroe-Tavernier-10-1	2003-07-16	0
6259838	514	Monroe-Tavernier-10-1	2003-09-18	0
6259839	514	Monroe-Tavernier-10-1	2003-10-14	0
6260060	514	Monroe-Tavernier-10-1	2003-11-28	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6260061	514	Monroe-Tavernier-10-1	2003-12-24	0
6260172	514	Monroe-Tavernier-10-1	2004-02-21	0
6259918	514	Monroe-Tavernier-10-1	2004-03-13	0
6256930	514	Monroe-Tavernier-2-1	2001-04-24	0
6259301	514	Monroe-Tavernier-2-1	2003-06-18	0
6256933	514	Monroe-Tavernier-2-1	2003-09-18	0
6257739	514	Monroe-Tavernier-2-1	2004-03-13	0
6256934	514	Monroe-Tavernier-2-1	2004-04-24	0
6258241	514	Monroe-Tavernier-3-1	2000-12-18	0
6258225	514	Monroe-Tavernier-3-1	2003-06-18	0
6260481	514	Monroe-Tavernier-3-1	2003-09-18	0
6260482	514	Monroe-Tavernier-3-1	2003-10-14	0
6259452	514	Monroe-Tavernier-3-1	2003-12-24	0
6259578	514	Monroe-Tavernier-3-1	2004-04-24	0
6257528	514	Monroe-Tavernier-4-1	2003-08-18	0
6257529	514	Monroe-Tavernier-4-1	2003-09-18	0
6261434	514	Monroe-Tavernier-4-1	2003-10-14	0
6264615	514	Monroe-Tavernier-4-1	2003-12-24	0
6257657	514	Monroe-Tavernier-4-1	2004-03-13	0
6257658	514	Monroe-Tavernier-4-1	2004-05-22	0
6259104	514	Monroe-Tavernier-5-1	2003-04-12	0
6255246	514	Monroe-Tavernier-5-1	2003-08-18	0
6259454	514	Monroe-Tavernier-5-1	2003-09-18	0
6259455	514	Monroe-Tavernier-5-1	2003-12-24	0
6258250	514	Monroe-Tavernier-5-1	2004-03-13	0
6255639	514	Monroe-Tavernier-5-1	2004-05-22	0
6261437	514	Monroe-Tavernier-6-1	2003-07-16	0
6264619	514	Monroe-Tavernier-6-1	2003-09-18	0
6257661	514	Monroe-Tavernier-6-1	2004-02-21	0
6259278	514	Monroe-Tavernier-6-1	2004-03-13	0
6264620	514	Monroe-Tavernier-6-1	2004-04-24	0
6258432	514	Monroe-Tavernier-6-1	2004-05-22	0
6261438	514	Monroe-Tavernier-6-1	2004-10-23	0
6258603	514	Monroe-Tavernier-7-1	2003-06-18	0
6259120	514	Monroe-Tavernier-7-1	2003-07-16	0
6258604	514	Monroe-Tavernier-7-1	2003-08-18	0
6258027	514	Monroe-Tavernier-7-1	2003-09-18	0
6259340	514	Monroe-Tavernier-7-1	2003-12-24	0
6258103	514	Monroe-Tavernier-7-1	2004-01-17	0
6259341	514	Monroe-Tavernier-7-1	2004-02-21	0
6255568	514	Monroe-Tavernier-7-1	2004-03-13	0
6260757	514	Monroe-Tavernier-7-1	2004-04-24	0
6258287	514	Monroe-Tavernier-7-1	2004-06-20	0
6259928	514	Monroe-Tavernier-8-1	2003-09-18	0
6259647	514	Monroe-Tavernier-8-1	2003-10-14	0
6259648	514	Monroe-Tavernier-8-1	2003-12-24	0
6259855	514	Monroe-Tavernier-8-1	2004-03-13	0
6260269	514	Monroe-Tavernier-8-1	2004-04-24	0
6259649	514	Monroe-Tavernier-8-1	2004-05-22	0
6259344	514	Monroe-Tavernier-9-1	2003-06-18	0
6259125	514	Monroe-Tavernier-9-1	2003-09-18	0
6258609	514	Monroe-Tavernier-9-1	2003-10-14	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6260759	514	Monroe-Tavernier-9-1	2004-01-17	0
6258288	514	Monroe-Tavernier-9-1	2004-02-21	0
6259126	514	Monroe-Tavernier-9-1	2004-04-24	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

High Quantile

Ammonia- Un-ionized (NH3)

Table 6: Flagged Values - High Indicator Quantile: **0.4778**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
10780619	5028	MP1A	2017-10-18	0.53

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

Chlorophyll a corrected for pheophytin

Table 7: Flagged Values - High Indicator Quantile: **120.25125**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9276368	103	11NPSWRD_WQX-GUIS_MSU_BIGLAG	1994-04-01 00:00:00	492.90
9505623	103	21FLSJWM_WQX-44897	2020-12-02 00:00:00	151.92
9293291	103	21FLSJWM_WQX-44898	2020-12-02 00:00:00	175.82
13179281	303	WIN_21FLSCCF_NWR08	2019-10-23 14:35:00	193.00
10655012	476	STORET_CHV006	2016-06-06 00:00:00	150.00
13157671	479	WIN_21FLSWFD_670065	2021-07-20 09:07:00	128.00
10404096	514	WIN_21FLKWAT_GUL-DOVEFD-1	2020-04-10 07:30:00	351.00
9900558	514	WIN_21FLKWAT_PIN-SEMINOLE-1	2022-07-12 10:00:00	124.00
9922823	514	WIN_21FLKWAT_PIN-SEMINOLE-2	2022-07-12 10:30:00	131.00
9924094	514	WIN_21FLKWAT_PIN-SEMINOLE-2	2022-08-08 10:45:00	127.00
9924737	514	WIN_21FLKWAT_PIN-SEMINOLE-3	2022-08-08 11:10:00	125.00
13290046	540	WIN_21FLWQA_79SEAS172	2018-02-20 11:40:00	130.00
13072475	540	WIN_21FLWQA_79SEAS172	2018-06-19 09:30:00	130.00
13221506	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	140.00
12565604	5002	STORET_21FLGW_20077	2003-10-29 00:00:00	155.00
12565605	5002	STORET_21FLGW_20089	2003-10-29 00:00:00	150.00
12553529	5002	STORET_21FLHILL_136	2009-09-28 00:00:00	163.40
12569031	5002	STORET_21FLLOX_78	2016-08-15 00:00:00	151.60
12569032	5002	STORET_21FLLOX_78	2016-09-19 00:00:00	127.10
12554758	5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	150.00
12554921	5002	STORET_21FLTPA_275007824641	2004-05-25 00:00:00	150.00
12554917	5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	180.00
12554925	5002	STORET_21FLTPA_275020824650	2004-05-25 00:00:00	130.00
12554933	5002	STORET_21FLTPA_275054824656	2004-05-25 00:00:00	155.00
12554928	5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	190.00
12554952	5002	STORET_21FLTPA_275200824646	2004-05-25 00:00:00	150.00
12554948	5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	140.00
13260331	5002	WIN_21FLPDEM_SB-A-20-05	2020-07-23 12:18:00	128.00
13265157	5002	WIN_21FLPDEM_SB-A-22-07	2022-11-09 11:23:00	122.00
13260356	5002	WIN_21FLPDEM_SB-B-20-05	2020-07-23 11:50:00	124.00
13260357	5002	WIN_21FLPDEM_SB-B-20-05	2020-07-23 11:50:00	134.00
13264529	5002	WIN_21FLPDEM_SB-B-22-05	2022-08-02 09:53:00	123.00
13352191	5002	WIN_21FLSJWM_411653	2020-10-01 10:27:00	128.31
13352192	5002	WIN_21FLSJWM_411653	2020-11-02 10:17:00	152.90
13352758	5002	WIN_21FLSJWM_44897	2020-10-05 10:11:00	187.24
13263045	5002	WIN_21FLSJWM_44897	2020-10-28 09:17:00	189.31
13352759	5002	WIN_21FLSJWM_44897	2020-11-03 10:00:00	173.13
13263029	5002	WIN_21FLSJWM_44897	2020-11-17 09:24:00	201.27
13352760	5002	WIN_21FLSJWM_44897	2020-12-02 10:58:00	151.92
13352761	5002	WIN_21FLSJWM_44897	2020-12-02 10:58:00	158.99
13263092	5002	WIN_21FLSJWM_44898	2020-11-03 10:20:00	192.79
13352802	5002	WIN_21FLSJWM_44898	2020-12-02 11:21:00	175.82
13352803	5002	WIN_21FLSJWM_44898	2020-12-02 11:21:00	182.87
13345347	5002	WIN_21FLSJWM_471650	2020-12-02 12:04:00	120.33
13345348	5002	WIN_21FLSJWM_471650	2020-12-02 12:04:00	126.15
13349830	5002	WIN_21FLWQA_BLOOM11	2019-08-22 10:50:00	140.00
13349831	5002	WIN_21FLWQA_BLOOM11	2019-08-22 10:50:00	160.00
13365447	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	209.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13365448	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	239.00
13282713	5014	WIN_21FLGTM_GTMGL2NUT	2019-04-02 12:14:00	123.00
13404372	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	146.00
13404373	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	180.00
13282745	5014	WIN_21FLGTM_GTMGL2NUT	2021-05-10 12:11:00	125.00
10494395	10000	72	2016-09-14 00:00:00	132.50

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
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

Chlorophyll a uncorrected for pheophytin

Table 8: Flagged Values - High Indicator Quantile: **95.665**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4518403	95	15873	2016-07-18 00:00:00	295.30
4519984	95	16062	2016-07-18 00:00:00	290.00
4563154	95	17821	2018-09-17 00:00:00	232.80
4566315	95	17823	2018-09-17 00:00:00	155.50
4515851	95	17868	2016-07-18 00:00:00	261.70
4555694	95	18373	2013-08-01 00:00:00	105.50
4555905	95	18583	2013-07-16 00:00:00	275.30
4523097	95	18675	2016-07-18 00:00:00	266.90
4550450	95	18815	2013-08-06 00:00:00	146.70
4524364	95	18946	2016-08-15 00:00:00	123.00
4519550	95	19161	2016-08-15 00:00:00	122.99
4521796	95	19741	2016-08-16 00:00:00	123.01
4524611	95	19848	2016-08-16 00:00:00	123.00
10643791	476	STORET_GSV006	2006-09-05 00:00:00	119.00
10528213	479	20130	2007-03-20 12:11:00	1000000.00
6194679	514	Gulf-Depot Creek-1-1	2018-04-10 00:00:00	153.00
6193458	514	Gulf-Money Bayou-1-1	2019-10-11 00:00:00	100.00
6195706	514	Gulf-Simmons Bayou-1-1	2016-07-11 00:00:00	152.00
6217478	514	Pinellas-Seminole-2	2003-07-19 00:00:00	129.00
6219578	514	Pinellas-Seminole-2	2003-08-10 00:00:00	149.00
6217551	514	Pinellas-Seminole-2	2004-07-10 00:00:00	156.00
12545123	5002	STORET_21FLGW_35641	2008-12-22 00:00:00	100.00
12545124	5002	STORET_21FLGW_35642	2008-12-22 00:00:00	100.00
12545126	5002	STORET_21FLGW_35645	2008-12-22 00:00:00	110.00
12545127	5002	STORET_21FLGW_35646	2008-12-22 00:00:00	100.00
12545414	5002	STORET_21FLGW_40724	2011-07-12 00:00:00	100.00
12800188	5002	STORET_21FLHILL_046	2009-08-04 00:00:00	111.10
12801647	5002	STORET_21FLHILL_064	2007-09-04 00:00:00	117.10
12802273	5002	STORET_21FLHILL_065	2004-09-01 00:00:00	140.85
12783428	5002	STORET_21FLHILL_136	2000-07-19 00:00:00	179.50
12783430	5002	STORET_21FLHILL_136	2000-09-20 00:00:00	108.80
12783195	5002	STORET_21FLHILL_136	2009-09-28 00:00:00	178.80
12545957	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2003-07-19 00:00:00	159.00
12545958	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2003-08-10 00:00:00	133.00
12545956	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-07-10 00:00:00	148.00
12545960	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-12-18 00:00:00	107.00
12545966	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2003-07-19 00:00:00	129.00
12546011	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2003-08-10 00:00:00	149.00
12545965	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2004-07-10 00:00:00	156.00
12546019	5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2003-07-19 00:00:00	139.00
12546020	5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2003-08-10 00:00:00	146.00
12546018	5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2004-07-10 00:00:00	152.00
12546067	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-09-11 00:00:00	168.00
12546068	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-10-20 00:00:00	104.00
12546070	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-12-06 00:00:00	115.00
12546059	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2009-01-07 00:00:00	126.00
12557013	5002	STORET_21FLLOX_78	2016-08-15 00:00:00	159.80
12557014	5002	STORET_21FLLOX_78	2016-09-19 00:00:00	132.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12564672	5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	160.00
12564801	5002	STORET_21FLTPA_24040131	2009-10-07 00:00:00	120.00
12565396	5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	190.00
12565397	5002	STORET_21FLTPA_275007824641	2009-10-07 00:00:00	100.00
12565398	5002	STORET_21FLTPA_275054824656	2009-02-02 00:00:00	100.00
12565399	5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	190.00
12565400	5002	STORET_21FLTPA_275054824656	2009-07-28 00:00:00	110.00
12565401	5002	STORET_21FLTPA_275054824656	2009-10-07 00:00:00	100.00
12565403	5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	140.00
12565404	5002	STORET_21FLTPA_275200824646	2009-07-28 00:00:00	96.00
12566370	5002	STORET_21FLTPA_280845508245483	2010-09-13 00:00:00	110.00
12580458	5002	STORET_FLPRMRWS_PR04_1102	2002-11-12 00:00:00	137.00
12547886	5002	STORET_FLPRMRWS_PR9	1998-04-21 00:00:00	119.80
10486261	10000	72	2012-07-12 00:00:00	105.00
10488696	10000	72	2014-09-16 00:00:00	95.70
10494855	10000	72	2016-09-14 00:00:00	136.50

Programs containing flagged data:

95 - Harmful Algal Bloom Marine Observation Network

476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network

479 - Southwest Florida Water Management District - Water Quality Monitoring

514 - Florida LAKEWATCH Program

5002 - Florida STORET / WIN

10000 - RiverKeeper

Colored dissolved organic matter, CDOM

Table 9: Flagged Values - High Indicator Quantile: **729.798**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12743886	4054	gtmpcnut	2009-06-09 08:55:00	762.8
12743922	4054	gtmpcnut	2009-06-09 13:55:00	754.3
12743929	4054	gtmpcnut	2009-06-09 15:01:00	743.0
12743940	4054	gtmpcnut	2009-06-09 15:02:00	782.6
12924424	4054	gtmpcnut	2012-09-10 07:30:00	858.4
12924622	4054	gtmpcnut	2012-09-10 10:00:00	847.1
12924633	4054	gtmpcnut	2012-09-10 12:30:00	840.0
12924644	4054	gtmpcnut	2012-09-10 15:00:00	852.8
12924952	4054	gtmpcnut	2012-09-10 17:30:00	829.8
12924963	4054	gtmpcnut	2012-09-10 20:00:00	830.4
12924973	4054	gtmpcnut	2012-09-10 22:30:00	850.1
12853394	4054	gtmpcnut	2012-09-11 01:00:00	851.8
12853405	4054	gtmpcnut	2012-09-11 03:30:00	854.0
12853416	4054	gtmpcnut	2012-09-11 06:00:00	876.5
12853483	4054	gtmpcnut	2012-09-11 08:30:00	833.2
12853522	4054	gtmpcnut	2012-09-11 12:20:00	876.6
12853536	4054	gtmpcnut	2012-09-11 12:21:00	864.3
13351801	5002	WIN_21FLA_27010078	2022-03-29 13:25:00	780.0
13263251	5002	WIN_21FLA_27010079	2020-10-15 12:35:00	880.0
13355778	5002	WIN_21FLGW_6976	2020-07-07 13:10:00	750.0

Programs containing flagged data:

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

5002 - Florida STORET / WIN

Light Extinction Coefficient

Table 10: Flagged Values - High Indicator Quantile: **7.93999**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6113469	297	217	2013-09-08	8.52
6116304	297	231	2013-09-08	11.21
6118217	297	285	2013-09-06	12.72
6116677	297	287	2013-09-06	10.46
6117452	297	289	2013-09-06	12.38
6113357	297	292	2013-09-06	11.87
6117750	297	500	2013-09-08	10.53
6209247	297	501	2012-05-31	16.93
6121800	297	501	2013-09-08	26.42
6118370	297	503	2013-09-06	10.27
6118424	297	504	2013-09-11	9.00
6119178	297	506	2013-09-12	10.04
6125121	297	506	2020-01-29	11.55
12577576	5002	STORET_21FLPDEM_RB-B-06-08	2006-11-01	32.68
12580216	5002	STORET_21FLPDEM_W6-A-09-03	2009-05-14	8.08
12581353	5002	STORET_21FLPDEM_W7-B-06-06	2006-07-27	8.98

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

5002 - Florida STORET / WIN

NH4 Filtered

Table 11: Flagged Values - High Indicator Quantile: **5.8**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6303832	3	12025A	2005-11-09	6.40
6308281	3	12026A	2005-07-11	11.96
6303566	3	12042A	2005-08-31	35.90
6284466	3	12043A	2012-02-22	6.40
9035949	3	12246B	2006-08-14	7.00
6300733	3	12396A	2005-07-11	8.50
6301196	3	12415A	2009-09-01	6.38
6290059	3	12424A	2010-10-20	6.02
6284778	3	12426A	2010-08-24	11.32
6302977	3	12434A	2005-08-17	10.70
6287325	3	12444A	2003-06-16	10.67
6303655	3	12446A	2005-08-31	17.00
6299274	3	12462A	2004-09-14	7.40
6296718	3	12619A	2004-11-16	7.40
6287023	3	12626A	2003-04-28	6.80
6301686	3	12647A	2005-07-11	10.34
6287117	3	12657A	2003-06-16	6.80
6298175	3	12665A	2005-08-31	13.80
6287149	3	12783A	2005-08-31	13.70
6300695	3	12841A	2005-07-11	8.35
6289683	3	12843A	2006-09-13	9.70
8986139	3	14246B	2021-12-05	6.83
9030161	3	1461B	2006-08-13	18.80
9034575	3	1509B	2012-06-05	5.96
9035574	3	1690B	2011-08-03	11.39
6299932	3	6331A	2004-12-17	8.10
6287100	3	6337A	2003-05-20	7.07
6299332	3	6340A	2001-09-24	7.80
6302222	3	6341A	2004-11-17	15.40
6295290	3	6357A	2006-01-24	7.10
6290806	3	6358A	2002-06-18	5.86
6297383	3	6359A	2002-07-17	8.12
6305628	3	6360A	2001-11-27	8.86
6284034	3	6361A	2007-05-17	13.30
6291094	3	6371A	2004-10-21	10.10
6297775	3	6373A	2005-09-01	10.60
6290795	3	6374A	2005-11-10	32.00
6298648	3	6383A	2006-09-14	10.30
6285885	3	6389A	2001-08-20	8.22
6297772	3	6396A	1998-10-15	8.90
6288691	3	6398A	2000-09-19	25.02
6303470	3	6403A	2001-10-16	11.91
6303772	3	6404A	2007-07-11	10.40
6285087	3	6405A	2010-08-25	6.36
6306005	3	6406A	2005-07-12	10.40
6283982	3	6409A	2005-01-20	8.00
6293778	3	6412A	2011-10-27	7.54
6302086	3	6418A	2007-02-13	21.10

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6284471	3	6419A	2012-02-23	7.12
6294086	3	6420A	2003-12-04	7.50
6288067	3	6421A	2008-09-16	15.20
6284977	3	6424A	2000-11-13	7.31
6289808	3	6424A	2001-01-18	10.55
6302923	3	6424A	2001-05-17	7.51
6301336	3	6429A	2001-06-14	5.92
6287076	3	6429A	2004-04-20	6.10
6303890	3	6441A	2004-09-15	11.60
6296368	3	6446A	2002-08-21	5.95
6294502	3	6454A	2003-09-30	7.21
6296451	3	6462A	1998-10-30	6.67
6285490	3	6463A	2000-12-12	8.18
6284395	3	6474A	2004-03-30	11.25
6307315	3	6480A	2004-01-14	6.02
6298963	3	6490A	2011-12-21	12.45
6296367	3	9462A	2004-11-16	11.20
6288371	3	9475A	2010-02-09	6.58
6298266	3	9486A	2004-12-14	13.50
6303697	3	9491A	2005-07-11	8.40
6305816	3	9508A	2004-10-20	10.10
6286104	3	9509A	2005-08-31	9.30
6284240	3	9530A	2003-05-19	6.90
6294506	3	9538A	2004-11-16	18.50
6302028	3	9546A	2004-12-14	44.80
6306537	3	9548A	2011-08-31	7.94
6287141	3	9549A	2003-12-03	7.60
6285980	3	9551A	2003-04-28	5.88
6287592	3	9552A	2002-07-16	7.37
6303108	3	9554A	2011-12-20	7.26
6287698	3	9555A	2005-08-31	13.00
6285762	3	9556A	2005-02-08	6.10
6307000	3	9558A	2004-10-20	20.90
6301291	3	9573A	2009-12-09	6.19
6298529	3	9575A	2009-05-06	9.50
6285297	3	9576A	2010-08-24	9.42
6302978	3	9577A	2003-11-18	8.02
6304592	3	9583A	2005-07-11	6.37
6292924	3	9586A	2003-09-29	8.02
6287603	3	9593A	2010-02-09	8.30
6300787	3	9596A	2005-06-14	9.72
6296771	3	9630A	2004-11-16	6.70
6303742	3	9646A	2005-07-11	7.83
6306998	3	9677A	2004-10-20	7.00
6287696	3	9684A	2005-08-31	17.70
6294609	3	9736A	2004-11-16	6.30
6306088	3	9739A	2003-11-18	6.45
6300433	3	9765A	2005-08-31	12.00
6304028	3	9780A	2005-07-11	6.21
13028215	5002	STORET_21FLCOLL_BLACKW	1989-04-12	69.50
13028351	5002	STORET_21FLCOLL_FAKAUCAN	1989-04-13	69.50
13028372	5002	STORET_21FLCOLL_GOODBAY	1989-04-11	69.50

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13028379	5002	STORET_21FLCOLL_HCKEST	1989-04-11	69.50
13028506	5002	STORET_21FLCOLL_MARCPAS	1989-04-11	69.50
13028509	5002	STORET_21FLCOLL_RBAY170	1989-04-11	528.92
13028510	5002	STORET_21FLCOLL_RBAY170	1989-04-11	69.50
13028511	5002	STORET_21FLCOLL_RBAY191	1989-04-11	488.10
13028512	5002	STORET_21FLCOLL_RBAY191	1989-04-11	69.50
13028513	5002	STORET_21FLCOLL_RBAY192	1989-04-11	499.11
13028514	5002	STORET_21FLCOLL_RBAY192	1989-04-11	69.50
13028515	5002	STORET_21FLCOLL_RBAY192	1989-04-11	482.78
13028516	5002	STORET_21FLCOLL_RBAY192	1989-04-11	69.50
13028517	5002	STORET_21FLCOLL_RBAY205	1989-04-11	467.48
13028518	5002	STORET_21FLCOLL_RBAY205	1989-04-11	69.50
13028519	5002	STORET_21FLCOLL_RBAY206	1989-04-11	472.47
13028520	5002	STORET_21FLCOLL_RBAY206	1989-04-11	69.50
13028527	5002	STORET_21FLCOLL_ROOKERY2	1989-04-11	555.47
13028528	5002	STORET_21FLCOLL_ROOKERY2	1989-04-11	69.50
12849931	5002	STORET_21FLEECO_PI-11	1998-07-16	6.99

Programs containing flagged data:

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

5002 - Florida STORET / WIN

Nitrate (N)

Table 12: Flagged Values - High Indicator Quantile: **0.79036**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12948626	5002	STORET_21FLEECO_PI-03	2013-07-22	1.90
12957100	5002	STORET_21FLMANA_FC1	2007-01-10	0.96
12957108	5002	STORET_21FLMANA_FC1	2007-12-19	1.15
12957109	5002	STORET_21FLMANA_FC1	2008-01-24	1.50
12957111	5002	STORET_21FLMANA_FC1	2008-04-02	1.10
12957051	5002	STORET_21FLMANA_FC1	2009-12-15	0.83
12957052	5002	STORET_21FLMANA_FC1	2010-01-06	0.83
12957063	5002	STORET_21FLMANA_FC1	2011-01-19	1.70
12950709	5002	STORET_21FLSUW_JEF64991	1999-06-04	0.95
12950710	5002	STORET_21FLSUW_STR010C1	1999-07-06	1.00
12950714	5002	STORET_21FLSUW_SUW275C1	1990-05-15	0.86
12950722	5002	STORET_21FLSUW_SUW275C1	1991-01-15	0.81
12950844	5002	STORET_21FLSUW_SUW305C1	1990-05-15	0.82
12950859	5002	STORET_21FLSUW_SUW410C1	1990-05-15	0.84
12950867	5002	STORET_21FLSUW_SUW410C1	1991-01-15	0.80
13018695	5002	STORET_21FLWQSP_APALACH2	2013-04-03	5.00
13018696	5002	STORET_21FLWQSP_IRSL1	2013-03-28	2.50
13018697	5002	STORET_21FLWQSP_IRSL2	2013-03-28	2.50
13018883	5002	STORET_21FLWQSP_ML1	2013-04-03	5.00
13018884	5002	STORET_21FLWQSP_WACASAS1	2013-04-02	2.50

Programs containing flagged data:

5002 - Florida STORET / WIN

Nitrite (N)

Table 13: Flagged Values - High Indicator Quantile: **0.07354**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13091481	4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:40:00	0.19
13179811	4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:45:00	0.19
13091556	4054	WIN_21FLWQA_GTMPINUT	2017-10-17 09:47:00	0.08
13179817	4054	WIN_21FLWQA_GTMPINUT	2017-10-17 09:48:00	0.08
13091480	4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:26:00	0.09
13179810	4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:30:00	0.10
13179803	4054	WIN_21FLWQA_GTMPINUT	2020-07-07 14:38:00	0.07
13091479	4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:15:00	0.11
13179809	4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:17:00	0.11
13091482	4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:32:00	0.08
13179813	4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:34:00	0.08
12983516	5002	STORET_21FLEECO_48-10GR	1992-07-17 00:00:00	0.12
13041492	5002	STORET_21FLEECO_CH-AD50572	2017-08-29 00:00:00	0.14
13041497	5002	STORET_21FLEECO_CH-AD50580	2017-08-29 00:00:00	0.13
13041498	5002	STORET_21FLEECO_CH-AD52976	2017-09-25 00:00:00	0.20
13041500	5002	STORET_21FLEECO_CH-AD52978	2017-09-25 00:00:00	0.20
13041501	5002	STORET_21FLEECO_CH-AD52979	2017-09-25 00:00:00	0.14
13041502	5002	STORET_21FLEECO_CH-AD52980	2017-09-25 00:00:00	0.18
13041503	5002	STORET_21FLEECO_CH-AD52981	2017-09-25 00:00:00	0.16
13041504	5002	STORET_21FLEECO_CH-AD52982	2017-09-25 00:00:00	0.10
13034281	5002	STORET_21FLSFWM_HR1	2008-09-22 00:00:00	0.15
13034382	5002	STORET_21FLSFWM_HR1	2011-09-19 00:00:00	0.16
13225615	5002	STORET_21FLSFWM_HR1	2014-09-11 00:00:00	0.07
13225616	5002	STORET_21FLSFWM_HR1	2014-10-13 00:00:00	0.09
13040361	5002	STORET_21FLSUW_SUW305C1	1991-05-14 00:00:00	0.34
13286126	5002	WIN_21FLSFWM_9552	2022-12-13 09:36:00	0.09
10408845	5033	WIN_21FLCRCP_BAK030	2018-04-04 12:55:00	0.09
10241470	5033	WIN_21FLCRCP_PEV050	2020-11-12 07:35:00	0.09
10241654	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 14: Flagged Values - High Indicator Quantile: **2.7**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13053974	5002	STORET_21FLHILL_046	2000-09-05	2.87
13068053	5002	STORET_21FLHILL_136	2000-07-19	3.94
13068469	5002	STORET_21FLHILL_136	2003-08-13	4.00
13067511	5002	STORET_21FLHILL_136	2009-11-09	2.76
12967481	5002	STORET_21FLLOX_62	2005-05-10	3.93
12968196	5002	STORET_21FLLOX_62	2005-09-21	3.06
12968219	5002	STORET_21FLLOX_62	2005-11-16	2.71

Programs containing flagged data:

5002 - Florida STORET / WIN

NO2+3 Filtered

Table 15: Flagged Values - High Indicator Quantile: **3.3**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
8622136	3	1038B	2019-09-24	12.71
8697044	3	1194B	2015-04-14	8.55
6294875	3	12026A	2005-07-11	16.00
6290212	3	12033A	2008-09-15	3.40
6291473	3	12036A	2007-02-12	6.40
6287666	3	12039A	2010-02-09	8.34
6309085	3	12042A	2005-08-31	16.00
6293601	3	12060A	2005-06-14	14.40
6286539	3	12063A	2006-08-09	5.30
8670799	3	12301B	2009-04-20	3.51
8611289	3	12304B	2019-09-23	4.02
8674322	3	12333B	2010-03-08	5.45
8677092	3	12357B	2011-04-04	7.31
6288209	3	12379A	2012-06-12	9.90
6297609	3	12383A	2006-08-09	25.80
6287427	3	12395A	2008-09-15	4.50
6290844	3	12396A	2005-07-11	4.94
6286993	3	12400A	2007-02-12	16.30
6287770	3	12402A	2012-02-22	4.07
6308974	3	12406A	2007-10-17	8.90
6288993	3	12408A	2010-05-03	5.28
6292484	3	12415A	2009-09-01	4.53
6289400	3	12416A	2006-09-13	19.00
6288850	3	12424A	2010-10-20	3.92
6290624	3	12426A	2010-08-24	4.40
6295362	3	12431A	2005-06-14	11.00
6290484	3	12434A	2005-08-17	7.40
6288416	3	12438A	2002-07-16	9.19
6292987	3	12444A	2003-06-16	3.95
6307006	3	12446A	2005-08-31	12.80
6292909	3	12462A	2004-09-14	4.50
6307378	3	12467A	2007-07-10	5.50
6285096	3	12482A	2010-02-09	8.85
6285832	3	12529A	2005-11-09	4.00
6292478	3	12598A	2008-09-15	6.00
6288144	3	12604A	2012-06-12	4.75
6291093	3	12605A	2010-02-09	7.45
6292988	3	12609A	2010-10-20	4.72
6290394	3	12611A	2007-02-12	12.80
6292471	3	12613A	2005-06-14	3.99
6306141	3	12619A	2004-11-16	13.90
6291343	3	12628A	2003-09-29	7.19
6287557	3	12631A	2005-11-09	5.40
6293578	3	12633A	2006-09-13	17.50
6290741	3	12639A	2006-11-01	4.20
6286522	3	12643A	2006-08-09	7.50
6289777	3	12647A	2005-07-11	4.14
6295748	3	12651A	2004-09-14	6.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6290385	3	12654A	2002-07-16	6.99
6297506	3	12655A	2009-09-01	8.61
6292810	3	12657A	2003-06-16	6.12
6309348	3	12665A	2005-08-31	20.30
6295488	3	12666A	2003-11-18	12.05
6289806	3	12771A	2007-05-16	5.60
6304947	3	12772A	2011-10-26	5.07
6294510	3	12779A	2009-11-03	11.57
6306130	3	12783A	2005-08-31	15.40
6286733	3	12818A	2007-02-12	12.30
6286504	3	12831A	2010-02-09	8.56
6288644	3	12841A	2005-07-11	3.82
8700709	3	1297B	2015-04-14	8.86
8657963	3	14237B	2021-08-01	5.17
8657666	3	14259B	2021-08-01	6.32
8661773	3	14318B	2021-08-01	4.40
8655623	3	14322B	2021-08-01	6.75
8653172	3	14341B	2021-08-01	4.28
8986472	3	14424B	2021-08-01	5.50
8985869	3	14439B	2021-07-31	5.20
8655178	3	14448B	2021-08-01	3.83
8984270	3	14455B	2021-07-31	5.29
8988038	3	14490B	2021-07-31	3.40
8988265	3	14548B	2021-07-31	4.73
8659304	3	14556B	2021-07-31	5.47
8623593	3	1530B	2019-09-24	3.66
8697607	3	1547B	2015-04-14	8.92
8657154	3	15593B	2021-08-03	4.61
8668682	3	1846B	2009-04-21	4.35
8696374	3	2013B	2015-06-02	8.64
8700053	3	2355B	2015-06-02	3.79
8699840	3	2420B	2015-06-02	8.21
8699149	3	2949B	2015-06-01	9.18
8622875	3	301B	2019-09-24	3.33
8672033	3	302B	2009-04-21	4.44
6289616	3	4137A	1998-12-09	3.34
8712803	3	424B	2015-07-28	4.53
8696210	3	434B	2015-04-14	8.88
8727574	3	437B	2017-10-10	11.99
8695222	3	4671B	2015-04-13	7.76
8698657	3	5738B	2012-06-04	7.26
6284888	3	6331A	2004-12-17	4.10
6293418	3	6347A	2005-03-09	6.50
6286725	3	6349A	2005-02-09	3.70
6287389	3	6360A	2001-11-27	4.02
6288992	3	6392A	2010-02-10	9.30
6293416	3	6405A	2010-08-25	3.31
6290053	3	6409A	2005-01-20	4.60
6287710	3	6416A	2012-06-13	4.37
6287862	3	6418A	2007-02-13	11.50
6290833	3	6419A	2012-02-23	5.95
6289480	3	6453A	2012-04-19	6.82

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6289325	3	6474A	2004-03-30	9.44
6287182	3	6490A	2011-12-21	5.73
8694705	3	6821B	2015-04-13	7.13
8722392	3	704B	2017-10-10	14.60
6287159	3	9475A	2010-02-09	8.81
6293413	3	9477A	2007-02-12	7.40
6303885	3	9509A	2005-08-31	7.00
6288941	3	9520A	2009-09-01	7.23
6292227	3	9542A	2012-06-12	4.45
6302770	3	9555A	2005-08-31	9.60
6286514	3	9585A	2007-02-12	7.20
8620209	3	9604B	2019-11-18	4.08
6310261	3	9630A	2004-11-16	4.50
6292879	3	9641A	2003-11-18	9.66
6289571	3	9675A	2007-05-16	7.20
6304082	3	9684A	2005-08-31	4.60
6286777	3	9697A	2005-11-09	6.20
6287360	3	9698A	2010-02-09	7.49
6293744	3	9739A	2003-11-18	14.99
6285925	3	9740A	2010-07-07	21.03
6289142	3	9744A	2007-10-17	10.70
6287551	3	9745A	2004-12-14	4.60
6288305	3	9748A	2010-10-20	3.57
6312543	3	9765A	2005-08-31	3.50
6288544	3	9767A	2010-02-09	7.53
8695223	3	978B	2015-04-14	7.63
10649964	476	STORET_CHV006	2009-07-06	300.00
12703915	5002	STORET_21FLNWFD_S570	2001-02-27	33.00
13049552	5002	STORET_21FLSUW_AUC050C1	2008-02-27	4.19

Programs containing flagged data:

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

476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network

5002 - Florida STORET / WIN

PO4 Filtered

Table 16: Flagged Values - High Indicator Quantile: **0.76906**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
6308628	3	12415A	2009-09-01 00:00:00	1.04
8737526	3	14025B	2009-08-26 00:00:00	1.57
8992923	3	14046B	2004-10-19 00:00:00	2.20
8726750	3	15295B	2021-08-02 00:00:00	1.77
8629609	3	1817B	1999-08-04 00:00:00	2.50
8627763	3	2067B	1999-08-04 00:00:00	1.60
8992989	3	2354B	2015-07-28 00:00:00	0.92
8670555	3	437B	2017-10-10 00:00:00	0.81
8628211	3	609B	2000-04-18 00:00:00	0.84
6301949	3	6438A	2009-09-02 00:00:00	0.83
8669675	3	704B	2017-10-10 00:00:00	1.01
6307381	3	9506A	2006-01-23 00:00:00	0.94
6308247	3	9532A	2009-09-01 00:00:00	0.95
6312154	3	9569A	2006-01-23 00:00:00	1.10
6312047	3	9582A	2006-05-03 00:00:00	2.00
12742963	355	apacpnut	2018-10-23 08:37:00	9.00
12829505	355	apacpnut	2019-03-25 10:35:00	6.60
12829537	355	apadbnut	2019-03-25 14:18:00	6.20
12742959	355	apaebnut	2018-10-23 08:02:00	19.00
12829497	355	apaebnut	2019-03-25 08:55:00	8.20
12742955	355	apaesnut	2018-10-23 08:00:00	20.00
12829493	355	apaesnut	2019-03-25 08:53:00	7.60
10649307	513	STORET_CHNEPLLB-85	2003-06-24 00:00:00	3.07
10649346	513	STORET_CHNEPTMR-22	2003-08-05 00:00:00	1.58
12966553	5002	STORET_21FLA_G4NE0002	2016-06-02 00:00:00	4.50
12966566	5002	STORET_21FLBREV_MR03	2000-10-25 00:00:00	20.00
13043151	5002	STORET_21FLBREV_MR03	2002-08-28 00:00:00	20.00
12966816	5002	STORET_21FLBREV_MR03	2005-04-13 00:00:00	0.89
12959668	5002	STORET_21FLMANA_FC1	2006-06-14 00:00:00	0.77
12959700	5002	STORET_21FLMANA_FC1	2009-08-19 00:00:00	0.92
12960000	5002	STORET_21FLMANA_FC1	2009-09-29 00:00:00	0.80
12958894	5002	STORET_21FLMANA_FC1	2010-05-11 00:00:00	2.12
12958895	5002	STORET_21FLMANA_FC1	2010-06-29 00:00:00	0.82
12958918	5002	STORET_21FLMANA_FC1	2012-06-12 00:00:00	0.91
12959365	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	1.05
12959389	5002	STORET_21FLMANA_FC1	2015-02-03 00:00:00	0.79
12959391	5002	STORET_21FLMANA_FC1	2015-05-07 00:00:00	0.78
12959394	5002	STORET_21FLMANA_FC1	2015-08-04 00:00:00	0.78
12922593	5002	STORET_21FLPDEM_W4-D-10-07	2010-10-19 00:00:00	3.40
12937534	5002	STORET_21FLSFWM_HR1	2004-09-20 00:00:00	0.88
12938358	5002	STORET_21FLSUW_SRE040C1	1996-05-16 00:00:00	0.96
12939898	5002	STORET_21FLSUW_SRE050C1	1996-05-16 00:00:00	0.82
12941186	5002	STORET_21FLSUW_SRE070C1	1996-05-16 00:00:00	0.92
12941788	5002	STORET_21FLSUW_SRE080C1	1996-05-16 00:00:00	1.00
12975018	5002	STORET_FLPRMRWS_PR10	2001-09-26 00:00:00	0.82
12970968	5002	STORET_FLPRMRWS_PR10	2004-08-25 00:00:00	0.96
12970969	5002	STORET_FLPRMRWS_PR10	2004-08-25 00:00:00	1.25
12970957	5002	STORET_FLPRMRWS_PR10	2004-09-23 00:00:00	0.84

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12970958	5002	STORET_FLPRMRWS_PR10	2004-09-23 00:00:00	0.96
12970747	5002	STORET_FLPRMRWS_PR10	2004-10-21 00:00:00	1.11
12970748	5002	STORET_FLPRMRWS_PR10	2004-10-21 00:00:00	1.30
12970742	5002	STORET_FLPRMRWS_PR10	2005-06-21 00:00:00	0.78
12970744	5002	STORET_FLPRMRWS_PR10	2006-09-21 00:00:00	1.01
12975281	5002	STORET_FLPRMRWS_PR101_0904	2004-09-08 00:00:00	0.79
12975511	5002	STORET_FLPRMRWS_PR103_1104	2004-11-10 00:00:00	0.86
12975513	5002	STORET_FLPRMRWS_PR103_1204	2004-12-08 00:00:00	0.79
12927456	5002	STORET_FLPRMRWS_PR9	2007-07-30 00:00:00	0.93
12927457	5002	STORET_FLPRMRWS_PR9	2007-07-30 00:00:00	0.94

Programs containing flagged data:

3 - Atlantic Oceanographic and Meteorological Laboratory (AOML) South Florida Program Synoptic Ship-board 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 17: Flagged Values - High Indicator Quantile: **5.20114**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13071252	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
10649379	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
12590405	5002	STORET_21FLCOLL_BLACKW	1989-06-26 00:00:00	893.00
12590473	5002	STORET_21FLCOLL_BLACKW	1990-04-17 00:00:00	712.00
12590474	5002	STORET_21FLCOLL_BLACKW	1991-04-09 00:00:00	280.00
12590483	5002	STORET_21FLCOLL_BLACKW13	1995-05-01 00:00:00	6600.00
12590484	5002	STORET_21FLCOLL_CC059	2014-07-02 00:00:00	1540.00
12590486	5002	STORET_21FLCOLL_EMARCOBY	1995-05-03 00:00:00	5.40
12590491	5002	STORET_21FLCOLL_FAKAUCAN	1989-06-26 00:00:00	379.00
12590492	5002	STORET_21FLCOLL_FAKAUCAN	1990-04-17 00:00:00	155.00
12590493	5002	STORET_21FLCOLL_FAKAUCAN	1991-04-08 00:00:00	155.00
12590494	5002	STORET_21FLCOLL_FAKAUCAN	1995-05-01 00:00:00	610.00
12590509	5002	STORET_21FLCOLL_GOODBAY	1989-06-27 00:00:00	518.00
12590510	5002	STORET_21FLCOLL_GOODBAY	1990-04-19 00:00:00	639.00
12590511	5002	STORET_21FLCOLL_GOODBAY	1991-04-21 00:00:00	1425.00
12590584	5002	STORET_21FLCOLL_GULLIVAN	1995-05-02 00:00:00	6.20
12590588	5002	STORET_21FLCOLL_HCKEST	1989-06-27 00:00:00	784.00
12590589	5002	STORET_21FLCOLL_HCKEST	1990-04-18 00:00:00	375.00
12590590	5002	STORET_21FLCOLL_HCKEST	1991-04-26 00:00:00	180.00
12592118	5002	STORET_21FLCOLL_HNDRCRK	1995-05-04 00:00:00	15.00
12592121	5002	STORET_21FLCOLL_LKMRCOSH	1995-05-04 00:00:00	16.00
12592127	5002	STORET_21FLCOLL_MARCPAS	1990-04-19 00:00:00	528.00
12592128	5002	STORET_21FLCOLL_MARCPAS	1991-04-25 00:00:00	275.00
12592134	5002	STORET_21FLCOLL_PORTAUPR	1995-05-04 00:00:00	7.70
12592139	5002	STORET_21FLCOLL_ROOKERY2	1989-06-27 00:00:00	76.00
12592140	5002	STORET_21FLCOLL_ROOKERY2	1990-04-18 00:00:00	444.00
12592141	5002	STORET_21FLCOLL_ROOKERY2	1991-04-25 00:00:00	195.00
12593703	5002	STORET_21FLEECO_48-10GR	1996-07-22 00:00:00	9.30
12602970	5002	STORET_21FLEECO_AC48993	2009-09-28 00:00:00	10.00
12603484	5002	STORET_21FLEECO_PI-13	1996-11-05 00:00:00	11.12
12622603	5002	STORET_21FLGW_22550	2004-10-20 00:00:00	30000.00
12622604	5002	STORET_21FLGW_22551	2004-10-21 00:00:00	24000.00
12622920	5002	STORET_21FLGW_22556	2004-10-21 00:00:00	2400.00
12622922	5002	STORET_21FLGW_22559	2004-10-20 00:00:00	28000.00
12622924	5002	STORET_21FLGW_22560	2004-10-20 00:00:00	22000.00
12622926	5002	STORET_21FLGW_22565	2004-10-21 00:00:00	6800.00
12622928	5002	STORET_21FLGW_22567	2004-10-20 00:00:00	16000.00
12622930	5002	STORET_21FLGW_22568	2004-10-20 00:00:00	1500.00
12622932	5002	STORET_21FLGW_22573	2004-10-21 00:00:00	1800.00
12622934	5002	STORET_21FLGW_22575	2004-10-21 00:00:00	7200.00
12622936	5002	STORET_21FLGW_22576	2004-10-21 00:00:00	2400.00
12622938	5002	STORET_21FLGW_22579	2004-10-20 00:00:00	24000.00
12626239	5002	STORET_21FLGW_34960	2008-07-30 00:00:00	29000.00
12608252	5002	STORET_21FLGW_35622	2008-11-17 00:00:00	10000.00
12608254	5002	STORET_21FLGW_35628	2008-12-04 00:00:00	1700.00
12608257	5002	STORET_21FLGW_35629	2008-12-04 00:00:00	13000.00
12608258	5002	STORET_21FLGW_35631	2008-12-04 00:00:00	860.00
12608261	5002	STORET_21FLGW_35633	2008-12-04 00:00:00	11000.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12608262	5002	STORET_21FLGW_35634	2008-12-04 00:00:00	1300.00
12608265	5002	STORET_21FLGW_35637	2008-12-04 00:00:00	1600.00
12609370	5002	STORET_21FLGW_35641	2008-12-22 00:00:00	720.00
12609372	5002	STORET_21FLGW_35642	2008-12-22 00:00:00	710.00
12609374	5002	STORET_21FLGW_35643	2008-12-16 00:00:00	22000.00
12609377	5002	STORET_21FLGW_35646	2008-12-22 00:00:00	3200.00
12609380	5002	STORET_21FLGW_35648	2008-12-22 00:00:00	1800.00
12610141	5002	STORET_21FLGW_38925	2010-06-08 00:00:00	26000.00
12610150	5002	STORET_21FLGW_39475	2010-12-09 00:00:00	35000.00
12610154	5002	STORET_21FLGW_39727	2011-01-12 00:00:00	21000.00
12610434	5002	STORET_21FLGW_40724	2011-07-12 00:00:00	27000.00
12610443	5002	STORET_21FLGW_41629	2012-05-15 00:00:00	16000.00
12610562	5002	STORET_21FLGW_42534	2012-10-02 00:00:00	23000.00
12612396	5002	STORET_21FLGW_45445	2014-04-09 00:00:00	27000.00
12612806	5002	STORET_21FLGW_48193	2015-10-28 00:00:00	7300.00
12620544	5002	STORET_21FLMANA_BH1	2001-11-08 00:00:00	20.08
12620545	5002	STORET_21FLMANA_BH1	2001-11-13 00:00:00	6.39
12627047	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	6.37
12631013	5002	STORET_21FLPDEM_SA_26-08	2002-07-10 00:00:00	5.48
12633001	5002	STORET_21FLPDEM_SA-A-09-02	2009-04-02 00:00:00	6.50
12635890	5002	STORET_21FLPDEM_SA-B-09-02	2009-04-02 00:00:00	6.17
12636100	5002	STORET_21FLPDEM_SB_26-02	2000-06-28 00:00:00	5.90
12636083	5002	STORET_21FLPDEM_SB_26-02	2002-07-10 00:00:00	5.63
12636176	5002	STORET_21FLPDEM_SB_26-06	2002-07-10 00:00:00	5.23
12636332	5002	STORET_21FLPDEM_SB_26-1B	2000-05-31 00:00:00	5.50
12636311	5002	STORET_21FLPDEM_SB_26-1B	2002-07-10 00:00:00	5.21
12636317	5002	STORET_21FLPDEM_SB_26-1B	2006-05-10 00:00:00	6.39
12636318	5002	STORET_21FLPDEM_SB_26-1B	2006-07-10 00:00:00	6.83
12636319	5002	STORET_21FLPDEM_SB_26-1B	2006-08-07 00:00:00	5.45
12636426	5002	STORET_21FLPDEM_SB_26-5B	2000-05-31 00:00:00	5.54
12636427	5002	STORET_21FLPDEM_SB_26-5B	2000-06-28 00:00:00	7.60
12636410	5002	STORET_21FLPDEM_SB_26-5B	2002-07-10 00:00:00	5.46
12636654	5002	STORET_21FLPDEM_SB-A-09-03	2009-05-21 00:00:00	5.44
12638456	5002	STORET_21FLPDEM_SB-B-09-02	2009-04-02 00:00:00	5.35
12651655	5002	STORET_21FLSJWM_GAR	2010-09-22 00:00:00	13.33
12670024	5002	STORET_21FLSUW_SUW275C1	1994-12-08 00:00:00	5.90
12671823	5002	STORET_21FLTPA_24010113	2005-10-31 00:00:00	39.00
12678097	5002	STORET_FLPRMRWS_PR9	2003-09-23 00:00:00	5.45
13267330	5002	WIN_21FLCOBS_CBS_25	2022-06-14 11:10:00	57.90
13282475	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.60
13282525	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	6.75
13287345	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

Table 18: Flagged Values - High Indicator Quantile: **4.23666**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13166811	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
13434587	476	STORET_CHV006	2009-07-06 00:00:00	302.30
10635810	479	20941	2007-03-20 11:00:00	1000.00
13434355	479	670089	2008-10-08 10:33:00	4.44
10649380	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
10649403	513	STORET_CHNEPTMR-42	2005-07-05 00:00:00	4.44
13465271	4058	35	2017-08-15 11:23:00	4.25
13478596	4058	74-2018-01-01	2020-05-27 10:06:00	4.90
13448384	5002	STORET_21FLBREV_BRMIC06	2006-03-30 00:00:00	4.40
13441410	5002	STORET_21FLCOLL_CC059	2014-07-02 00:00:00	1540.44
12586274	5002	STORET_21FLEECO_48-10GR	1996-07-22 00:00:00	9.43
12574258	5002	STORET_21FLEECO_AC48993	2009-09-28 00:00:00	10.00
12574752	5002	STORET_21FLEECO_AC73810	2011-08-08 00:00:00	5.10
12580144	5002	STORET_21FLEECO_EB-01	1991-12-02 00:00:00	4.69
12586421	5002	STORET_21FLEECO_PI-13	1996-11-05 00:00:00	11.12
12586544	5002	STORET_21FLEECO_PI-13	2001-02-13 00:00:00	4.34
13452632	5002	STORET_21FLGW_10372	2001-07-18 00:00:00	4.80
12590420	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-12-18 00:00:00	5.42
12590425	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2005-05-14 00:00:00	6.03
13443440	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	6.40
13475562	5002	STORET_21FLNWFD_A10	2001-02-21 00:00:00	4.30
13451244	5002	STORET_21FLPDEM_SA 26-08	1999-06-02 00:00:00	4.46
13447951	5002	STORET_21FLPDEM_SA 26-08	2000-05-03 00:00:00	4.31
13447952	5002	STORET_21FLPDEM_SA 26-08	2000-05-31 00:00:00	4.43
13459409	5002	STORET_21FLPDEM_SA 26-08	2000-06-28 00:00:00	5.11
13451245	5002	STORET_21FLPDEM_SA 26-08	2001-03-07 00:00:00	4.44
13451442	5002	STORET_21FLPDEM_SA 26-08	2002-02-06 00:00:00	4.42
13451586	5002	STORET_21FLPDEM_SA 26-08	2002-03-05 00:00:00	4.84
13455921	5002	STORET_21FLPDEM_SA 26-08	2002-04-03 00:00:00	4.40
13451587	5002	STORET_21FLPDEM_SA 26-08	2002-05-29 00:00:00	4.31
13455922	5002	STORET_21FLPDEM_SA 26-08	2002-06-26 00:00:00	4.60
13451443	5002	STORET_21FLPDEM_SA 26-08	2002-07-10 00:00:00	5.50
13443639	5002	STORET_21FLPDEM_SA 26-08	2002-08-21 00:00:00	4.40
13433474	5002	STORET_21FLPDEM_SA 26-10	1999-06-02 00:00:00	4.27
13459002	5002	STORET_21FLPDEM_SA 26-10	2000-05-03 00:00:00	4.26
13443147	5002	STORET_21FLPDEM_SA 26-10	2000-05-31 00:00:00	4.63
13433476	5002	STORET_21FLPDEM_SA 26-10	2000-06-28 00:00:00	4.41
13459125	5002	STORET_21FLPDEM_SA 26-10	2002-02-06 00:00:00	4.61
13439117	5002	STORET_21FLPDEM_SA 26-10	2002-03-05 00:00:00	4.43
13439119	5002	STORET_21FLPDEM_SA 26-10	2002-05-29 00:00:00	4.38
13459126	5002	STORET_21FLPDEM_SA 26-10	2002-06-26 00:00:00	4.44
13443641	5002	STORET_21FLPDEM_SA 26-10	2002-08-21 00:00:00	4.33
13451254	5002	STORET_21FLPDEM_SA 26-9B	2000-05-31 00:00:00	4.40
13433481	5002	STORET_21FLPDEM_SA 26-9B	2000-06-28 00:00:00	5.10
13461165	5002	STORET_21FLPDEM_SA 26-9B	2001-03-07 00:00:00	4.43
13460026	5002	STORET_21FLPDEM_SA 26-9B	2002-02-06 00:00:00	4.26
13459127	5002	STORET_21FLPDEM_SA 26-9B	2002-03-05 00:00:00	5.00
13460029	5002	STORET_21FLPDEM_SA 26-9B	2002-05-29 00:00:00	4.40

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13443644	5002	STORET_21FLPDEM_SA_26-9B	2002-06-26 00:00:00	4.53
13460027	5002	STORET_21FLPDEM_SA_26-9B	2002-07-10 00:00:00	5.15
13458385	5002	STORET_21FLPDEM_SA_26-9B	2002-08-21 00:00:00	4.50
13433484	5002	STORET_21FLPDEM_SA-A-05-08	2005-10-19 00:00:00	4.59
13448167	5002	STORET_21FLPDEM_SA-A-09-02	2009-04-02 00:00:00	6.52
13448169	5002	STORET_21FLPDEM_SA-A-12-03	2012-05-21 00:00:00	4.59
13461176	5002	STORET_21FLPDEM_SA-B-05-08	2005-10-19 00:00:00	4.72
13448176	5002	STORET_21FLPDEM_SA-B-09-02	2009-04-02 00:00:00	6.19
13461182	5002	STORET_21FLPDEM_SA-B-12-03	2012-05-21 00:00:00	4.25
13460659	5002	STORET_21FLPDEM_SB_26-02	1999-03-10 00:00:00	4.30
13460869	5002	STORET_21FLPDEM_SB_26-02	2000-05-03 00:00:00	4.50
13443333	5002	STORET_21FLPDEM_SB_26-02	2000-05-31 00:00:00	5.09
13460658	5002	STORET_21FLPDEM_SB_26-02	2000-06-28 00:00:00	5.91
13461648	5002	STORET_21FLPDEM_SB_26-02	2001-03-07 00:00:00	4.28
13448183	5002	STORET_21FLPDEM_SB_26-02	2001-05-02 00:00:00	4.36
13459133	5002	STORET_21FLPDEM_SB_26-02	2002-03-05 00:00:00	4.47
13442725	5002	STORET_21FLPDEM_SB_26-02	2002-05-01 00:00:00	4.36
13442727	5002	STORET_21FLPDEM_SB_26-02	2002-05-29 00:00:00	5.04
13443651	5002	STORET_21FLPDEM_SB_26-02	2002-06-26 00:00:00	5.22
13451596	5002	STORET_21FLPDEM_SB_26-02	2002-07-10 00:00:00	5.65
13459134	5002	STORET_21FLPDEM_SB_26-02	2002-08-21 00:00:00	4.54
13433635	5002	STORET_21FLPDEM_SB_26-06	1999-03-10 00:00:00	4.33
13460662	5002	STORET_21FLPDEM_SB_26-06	2000-05-31 00:00:00	4.98
13443505	5002	STORET_21FLPDEM_SB_26-06	2000-06-28 00:00:00	5.01
13461195	5002	STORET_21FLPDEM_SB_26-06	2001-05-30 00:00:00	4.54
13443654	5002	STORET_21FLPDEM_SB_26-06	2002-05-01 00:00:00	4.86
13442729	5002	STORET_21FLPDEM_SB_26-06	2002-05-29 00:00:00	4.50
13442728	5002	STORET_21FLPDEM_SB_26-06	2002-06-26 00:00:00	4.83
13459140	5002	STORET_21FLPDEM_SB_26-06	2002-07-10 00:00:00	5.25
13451998	5002	STORET_21FLPDEM_SB_26-1B	1999-04-07 00:00:00	4.39
13451796	5002	STORET_21FLPDEM_SB_26-1B	1999-05-12 00:00:00	4.36
13465933	5002	STORET_21FLPDEM_SB_26-1B	2000-05-03 00:00:00	4.27
13448422	5002	STORET_21FLPDEM_SB_26-1B	2000-05-31 00:00:00	5.52
13443510	5002	STORET_21FLPDEM_SB_26-1B	2001-03-07 00:00:00	4.47
13443656	5002	STORET_21FLPDEM_SB_26-1B	2002-03-05 00:00:00	4.26
13458392	5002	STORET_21FLPDEM_SB_26-1B	2002-05-01 00:00:00	4.85
13460872	5002	STORET_21FLPDEM_SB_26-1B	2002-05-29 00:00:00	4.52
13459337	5002	STORET_21FLPDEM_SB_26-1B	2002-06-26 00:00:00	5.16
13439540	5002	STORET_21FLPDEM_SB_26-1B	2002-07-10 00:00:00	5.23
13455937	5002	STORET_21FLPDEM_SB_26-1B	2002-08-21 00:00:00	4.37
13451799	5002	STORET_21FLPDEM_SB_26-1B	2006-05-10 00:00:00	6.41
13461197	5002	STORET_21FLPDEM_SB_26-1B	2006-07-10 00:00:00	6.85
13460666	5002	STORET_21FLPDEM_SB_26-1B	2006-08-07 00:00:00	5.47
13448430	5002	STORET_21FLPDEM_SB_26-5B	1999-04-07 00:00:00	4.50
13451999	5002	STORET_21FLPDEM_SB_26-5B	1999-05-12 00:00:00	4.35
13452000	5002	STORET_21FLPDEM_SB_26-5B	1999-06-02 00:00:00	4.97
13461895	5002	STORET_21FLPDEM_SB_26-5B	2000-05-03 00:00:00	4.50
13465939	5002	STORET_21FLPDEM_SB_26-5B	2000-05-31 00:00:00	5.56
13433644	5002	STORET_21FLPDEM_SB_26-5B	2000-06-28 00:00:00	7.61
13448428	5002	STORET_21FLPDEM_SB_26-5B	2001-05-02 00:00:00	4.77
13461896	5002	STORET_21FLPDEM_SB_26-5B	2001-05-30 00:00:00	5.04
13458395	5002	STORET_21FLPDEM_SB_26-5B	2002-05-01 00:00:00	5.09

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13443659	5002	STORET_21FLPDEM_SB_26-5B	2002-05-29 00:00:00	4.53
13455939	5002	STORET_21FLPDEM_SB_26-5B	2002-06-26 00:00:00	4.93
13443658	5002	STORET_21FLPDEM_SB_26-5B	2002-07-10 00:00:00	5.48
13455938	5002	STORET_21FLPDEM_SB_26-5B	2002-08-21 00:00:00	4.46
13448434	5002	STORET_21FLPDEM_SB-A-09-02	2009-04-02 00:00:00	4.95
13461901	5002	STORET_21FLPDEM_SB-A-09-04	2009-06-25 00:00:00	4.37
13462703	5002	STORET_21FLPDEM_SB-A-12-03	2012-05-21 00:00:00	4.30
13448440	5002	STORET_21FLPDEM_SB-B-05-08	2005-10-19 00:00:00	4.42
13460951	5002	STORET_21FLPDEM_SB-B-09-02	2009-04-02 00:00:00	5.37
13443532	5002	STORET_21FLPDEM_SB-B-09-04	2009-06-25 00:00:00	4.39
13433693	5002	STORET_21FLSJWM_ICWWSJRN	2007-03-21 00:00:00	5.14
13446588	5002	STORET_21FLSJWM_ICWWSJRN	2007-03-21 00:00:00	4.56
13446559	5002	STORET_21FLSUW_AUC050C1	2008-02-27 00:00:00	6.36
13444818	5002	STORET_21FLTPA_24010113	2005-10-31 00:00:00	39.01
13452916	5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	4.31
13461238	5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	5.00
13453711	5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	4.41
13431983	5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	4.50
13456708	5002	STORET_FLPRMRWS_PR9	2003-09-23 00:00:00	5.53
13445335	5002	WIN_21FLCOBS_CBS_25	2022-06-14 11:10:00	57.94
13461005	5002	WIN_21FLSJWM_442663	2021-08-25 10:55:00	5.22
13432651	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.60
13458316	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 Phosphorus

Table 19: Flagged Values - High Indicator Quantile: **0.74042**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9259650	103	11NPSWRD_WQX-GUIS_SCBL	2017-05-17 00:00:00	1.70
9281274	103	21FLHILL_WQX-66	2020-12-07 00:00:00	16.26
9281275	103	21FLHILL_WQX-66	2021-02-09 00:00:00	1.15
9524644	103	21FLSWFD_WQX-670116	2020-12-15 00:00:00	2.78
9510042	103	NARS_WQX-CHA200204	2002-07-15 00:00:00	0.77
9512181	103	NARS_WQX-CHA200204	2002-07-15 00:00:00	0.74
9511719	103	NARS_WQX-CHA200206	2002-07-15 00:00:00	0.77
10593685	355	apacpnut	2018-10-23 08:37:00	26.00
10593412	355	apaebnut	2018-10-23 08:02:00	26.00
10593411	355	apaesnut	2018-10-23 08:00:00	12.00
10593532	355	apanhnut	2019-03-25 11:18:00	5.00
10985881	479	20941	2007-03-20 11:00:00	1000.00
13064182	479	WIN_21FLSWFD_670116	2020-12-15 12:14:00	2.78
10643152	513	STORET_CHNEPCHP-132	2003-12-03 00:00:00	1.26
10649246	513	STORET_CHNEPLLB-531	2003-05-21 00:00:00	1.30
10649381	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	3.71
10649451	513	STORET_CHNEPTPR-36	2002-12-17 00:00:00	1.79
10649438	513	STORET_CHNEPTPR-36	2003-02-05 00:00:00	1.60
13163654	513	WIN_CHNEPMP_268_220	2021-10-28 09:40:00	1.39
12899740	5002	STORET_21FLA_27010016	2015-11-09 00:00:00	0.80
12920679	5002	STORET_21FLA_27010183	2002-03-05 00:00:00	0.76
12901008	5002	STORET_21FLCEN_27020346	2015-08-11 00:00:00	0.87
12918596	5002	STORET_21FLDADE_CM02	2011-06-07 00:00:00	200.00
12922923	5002	STORET_21FLDADE_OL03	2011-06-06 00:00:00	16415.00
12903621	5002	STORET_21FLGW_9717	2003-10-13 00:00:00	1.10
12901856	5002	STORET_21FLHILL_092	2007-04-24 00:00:00	1.67
12909205	5002	STORET_21FLHILL_112	2007-07-25 00:00:00	1.10
12921194	5002	STORET_21FLMANA_362	2002-03-25 00:00:00	1.97
12921679	5002	STORET_21FLMANA_365	2007-03-28 00:00:00	0.78
12921705	5002	STORET_21FLMANA_386	2017-04-11 00:00:00	0.80
12922649	5002	STORET_21FLMANA_400	2002-05-06 00:00:00	0.90
12922641	5002	STORET_21FLMANA_400	2017-04-11 00:00:00	0.87
12924434	5002	STORET_21FLMANA_408	1996-07-15 00:00:00	1.26
12924449	5002	STORET_21FLMANA_421	2011-12-06 00:00:00	0.76
12925027	5002	STORET_21FLMANA_422	2002-10-08 00:00:00	0.78
12925387	5002	STORET_21FLMANA_425	2008-08-26 00:00:00	1.14
12925251	5002	STORET_21FLMANA_425	2017-04-11 00:00:00	0.89
12914613	5002	STORET_21FLMANA_BH1	2001-10-30 00:00:00	1.57
12914614	5002	STORET_21FLMANA_BH1	2001-11-01 00:00:00	2.93
12914615	5002	STORET_21FLMANA_BH1	2001-11-06 00:00:00	3.05
12914616	5002	STORET_21FLMANA_BH1	2001-11-08 00:00:00	27.58
12914617	5002	STORET_21FLMANA_BH1	2001-11-13 00:00:00	5.08
12914618	5002	STORET_21FLMANA_BH1	2001-11-15 00:00:00	4.24
12914619	5002	STORET_21FLMANA_BH1	2001-11-30 00:00:00	0.92
12914695	5002	STORET_21FLMANA_BH1	2001-12-04 00:00:00	1.10
12914696	5002	STORET_21FLMANA_BH1	2001-12-06 00:00:00	1.39
12914697	5002	STORET_21FLMANA_BH1	2001-12-11 00:00:00	0.92
12914698	5002	STORET_21FLMANA_BH1	2001-12-13 00:00:00	1.55

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12914710	5002	STORET_21FLMANA_BH1	2002-03-21 00:00:00	0.76
12914729	5002	STORET_21FLMANA_BH1	2002-08-09 00:00:00	0.76
12914730	5002	STORET_21FLMANA_BH1	2002-08-12 00:00:00	0.77
12914849	5002	STORET_21FLMANA_BH1	2002-08-29 00:00:00	0.78
12914852	5002	STORET_21FLMANA_BH1	2003-01-02 00:00:00	0.92
12914865	5002	STORET_21FLMANA_BH1	2003-02-18 00:00:00	1.70
12914883	5002	STORET_21FLMANA_BH1	2003-04-10 00:00:00	0.82
12915059	5002	STORET_21FLMANA_BH1	2003-09-19 00:00:00	0.77
12915254	5002	STORET_21FLMANA_BH1	2004-11-03 00:00:00	0.88
12915632	5002	STORET_21FLMANA_BH1A	2003-04-10 00:00:00	0.82
12915641	5002	STORET_21FLMANA_BH1A	2003-05-27 00:00:00	0.74
12916910	5002	STORET_21FLMANA_BH2	2001-11-01 00:00:00	2.92
12916911	5002	STORET_21FLMANA_BH2	2001-11-06 00:00:00	1.22
12916912	5002	STORET_21FLMANA_BH2	2001-11-08 00:00:00	1.78
12916913	5002	STORET_21FLMANA_BH2	2001-11-13 00:00:00	1.70
12916914	5002	STORET_21FLMANA_BH2	2001-11-15 00:00:00	0.79
12916917	5002	STORET_21FLMANA_BH2	2001-12-06 00:00:00	0.75
13218048	5002	STORET_21FLMANA_BH3	2001-11-08 00:00:00	1.04
13218049	5002	STORET_21FLMANA_BH3	2001-11-13 00:00:00	0.95
13218059	5002	STORET_21FLMANA_BH3	2002-01-23 00:00:00	0.87
13218073	5002	STORET_21FLMANA_BH3	2002-05-21 00:00:00	1.07
13218078	5002	STORET_21FLMANA_BH3	2002-06-26 00:00:00	1.55
13218106	5002	STORET_21FLMANA_BH3	2003-02-25 00:00:00	0.81
13218141	5002	STORET_21FLMANA_BH3	2003-09-09 00:00:00	1.80
12919581	5002	STORET_21FLMANA_FC1	2006-06-14 00:00:00	0.84
12919584	5002	STORET_21FLMANA_FC1	2006-09-06 00:00:00	0.77
12919859	5002	STORET_21FLMANA_FC1	2007-06-20 00:00:00	0.75
12919872	5002	STORET_21FLMANA_FC1	2008-07-15 00:00:00	0.77
12919881	5002	STORET_21FLMANA_FC1	2009-08-19 00:00:00	1.01
12919882	5002	STORET_21FLMANA_FC1	2009-09-29 00:00:00	0.89
13218190	5002	STORET_21FLMANA_FC1	2010-05-11 00:00:00	2.72
13218191	5002	STORET_21FLMANA_FC1	2010-06-29 00:00:00	0.87
13218192	5002	STORET_21FLMANA_FC1	2010-07-20 00:00:00	0.77
13218193	5002	STORET_21FLMANA_FC1	2010-08-17 00:00:00	0.83
12911243	5002	STORET_21FLMANA_FC1	2011-01-19 00:00:00	1.07
12911248	5002	STORET_21FLMANA_FC1	2011-06-22 00:00:00	0.84
12911250	5002	STORET_21FLMANA_FC1	2011-08-10 00:00:00	0.98
12911251	5002	STORET_21FLMANA_FC1	2011-09-07 00:00:00	0.75
12911258	5002	STORET_21FLMANA_FC1	2012-04-17 00:00:00	1.22
12911259	5002	STORET_21FLMANA_FC1	2012-06-12 00:00:00	1.06
12911267	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	1.29
12911274	5002	STORET_21FLMANA_FC1	2013-08-20 00:00:00	0.75
12911359	5002	STORET_21FLMANA_FC1	2014-07-15 00:00:00	0.88
12919267	5002	STORET_21FLMANA_FC1	2014-09-09 00:00:00	0.81
12919277	5002	STORET_21FLMANA_FC1	2015-07-01 00:00:00	0.79
12919278	5002	STORET_21FLMANA_FC1	2015-08-04 00:00:00	1.00
12919566	5002	STORET_21FLMANA_FC1	2017-07-27 00:00:00	0.85
12919568	5002	STORET_21FLMANA_FC1	2017-09-27 00:00:00	0.98
12997592	5002	STORET_21FLPDEM_E1 11-01	2002-11-13 00:00:00	0.86
13006877	5002	STORET_21FLPDEM_E1-A-08-01	2008-02-19 00:00:00	0.82
13008155	5002	STORET_21FLPDEM_E1-C-07-04	2007-05-15 00:00:00	1.10
13042740	5002	STORET_21FLPDEM_E3-D-08-01	2008-02-05 00:00:00	0.80

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12902354	5002	STORET_21FLPDEM_E5-B-10-02	2010-03-22 00:00:00	0.94
12905153	5002	STORET_21FLPDEM_E6-C-05-05	2005-06-29 00:00:00	0.76
13143434	5002	STORET_21FLPDEM_W4-A-11-06	2011-09-08 00:00:00	0.77
13145548	5002	STORET_21FLPDEM_W5-C-06-03	2006-03-27 00:00:00	0.83
13210646	5002	STORET_21FLPDEM_W6-A-06-06	2006-08-02 00:00:00	0.95
12907040	5002	STORET_21FLPNS_300743908411593	2006-03-30 00:00:00	3.50
12901740	5002	STORET_21FLSARA_LB-2-01	2002-01-22 00:00:00	0.75
12905361	5002	STORET_21FLSARA_LB-3-12	2006-12-05 00:00:00	0.83
13110861	5002	STORET_21FLSFWM_HR1	2004-09-20 00:00:00	1.04
12972845	5002	STORET_21FLSJWM_CCC	1999-06-14 00:00:00	0.96
13049507	5002	STORET_21FLSJWM_GAR	1999-06-14 00:00:00	1.16
13049455	5002	STORET_21FLSJWM_GAR	2010-09-22 00:00:00	1.02
12960629	5002	STORET_21FLSJWM_JXTR17	1999-06-14 00:00:00	1.18
12964755	5002	STORET_21FLSJWM_JXTR21	1999-06-21 00:00:00	1.13
12965378	5002	STORET_21FLSJWM_MAT	2005-09-14 00:00:00	0.86
13224257	5002	STORET_21FLSJWM_MRT	1999-06-21 00:00:00	0.78
12926981	5002	STORET_21FLSJWM_SMITHCR	1998-12-14 00:00:00	0.89
12927062	5002	STORET_21FLSJWM_SMITHCR	1999-06-14 00:00:00	1.23
12944766	5002	STORET_21FLSJWM_STOKESCR	1999-06-14 00:00:00	1.13
12968722	5002	STORET_21FLSJWM_TOL	1999-06-14 00:00:00	1.24
12931558	5002	STORET_21FLTPA_2821288240456	2005-04-05 00:00:00	1.50
12959599	5002	STORET_21FLWQSP_TC3	2011-09-27 00:00:00	0.84
13362162	5002	WIN_21FLHILL_66	2020-12-07 11:40:00	16.26
13317458	5002	WIN_21FLHILL_66	2021-02-09 13:03:00	1.15
13278098	5002	WIN_21FLJXWQ_TIM11	2022-02-08 13:45:00	0.89
13363277	5002	WIN_21FLMANA_FC1	2018-06-05 10:49:00	0.80
13363280	5002	WIN_21FLMANA_FC1	2018-09-05 10:55:00	0.93
13363283	5002	WIN_21FLMANA_FC1	2019-01-14 11:43:00	0.81
13279224	5002	WIN_21FLMANA_FC1	2019-08-05 11:07:00	0.77
13279236	5002	WIN_21FLMANA_FC1	2020-08-26 11:33:00	0.83
13369122	5002	WIN_21FLSJWM_442663	2021-08-25 10:55:00	1.14
13370123	5002	WIN_21FLTPA_G1SW0120	2022-09-12 12:20:00	0.77
13369908	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	0.93

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

Total Suspended Solids, TSS

Table 20: Flagged Values - High Indicator Quantile: **186**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9478266	103	11NPSWRD_WQX-CANA_NPS_4	1992-11-16 00:00:00	240
9478235	103	11NPSWRD_WQX-TIMU_BESD_FG6A	1988-08-09 00:00:00	287
9255191	103	21FLPDEM_WQX-W6-A-21-03	2021-05-10 00:00:00	930
10644738	513	STORET_CHNEPCHW-78	2004-07-13 00:00:00	212
10646908	513	STORET_CHNEPLLB-520	2004-06-24 00:00:00	277
13317976	513	WIN_CHNEPMP_268_226	2022-04-28 10:17:00	525
13095839	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 19:30:00	460
13104816	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	232
13191656	4054	WIN_21FLWQA_GTMPCNUT	2015-06-30 10:30:00	254
13095848	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 19:30:00	360
13104825	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 22:00:00	428
13099760	4054	WIN_21FLWQA_GTMPCNUT	2015-09-07 19:30:00	216
12500129	5002	STORET_21FLDADE_BB05A	2010-12-06 00:00:00	188
12500068	5002	STORET_21FLDADE_BB05A	2016-06-06 00:00:00	284
12500165	5002	STORET_21FLDADE_BB09	2016-06-06 00:00:00	267
12500341	5002	STORET_21FLDADE_BB11	2016-06-06 00:00:00	288
12500365	5002	STORET_21FLDADE_BB14	2015-06-01 00:00:00	188
12500459	5002	STORET_21FLDADE_BB14	2016-06-06 00:00:00	266
12500481	5002	STORET_21FLDADE_BB17	2015-06-02 00:00:00	244
12500484	5002	STORET_21FLDADE_BB17	2016-06-07 00:00:00	194
12500663	5002	STORET_21FLDADE_BB22	2015-06-02 00:00:00	290
12500666	5002	STORET_21FLDADE_BB22	2016-06-07 00:00:00	278
12500999	5002	STORET_21FLDADE_BB24	2016-06-07 00:00:00	320
12501594	5002	STORET_21FLDADE_BB47	2007-06-06 00:00:00	201
12501666	5002	STORET_21FLDADE_BB47	2015-09-16 00:00:00	211
12502697	5002	STORET_21FLDADE_CD01A	2015-06-04 00:00:00	189
12503163	5002	STORET_21FLDADE_LR01	2016-06-06 00:00:00	295
12503293	5002	STORET_21FLDADE_MR01	2015-06-02 00:00:00	196
12503296	5002	STORET_21FLDADE_MR01	2016-06-07 00:00:00	259
12500023	5002	STORET_21FLEECO_EB-04	2006-01-17 00:00:00	193
12500299	5002	STORET_21FLEECO_EB-04	2009-01-20 00:00:00	239
12518304	5002	STORET_21FLGW_7437	2000-06-07 00:00:00	350
12511777	5002	STORET_21FLMANA_361	2006-07-25 00:00:00	298
12514232	5002	STORET_21FLMANA_400	2006-07-25 00:00:00	244
12516366	5002	STORET_21FLMANA_408	2006-07-25 00:00:00	272
12517648	5002	STORET_21FLMANA_425	2006-07-25 00:00:00	312
12686395	5002	STORET_21FLPNS_294420008459335	2007-10-30 00:00:00	863
12686404	5002	STORET_21FLPNS_294507108500387	2007-10-30 00:00:00	904
12686585	5002	STORET_21FLPNS_294607808502290	2007-06-05 00:00:00	794
12686586	5002	STORET_21FLPNS_294607808502290	2007-07-17 00:00:00	849
12686590	5002	STORET_21FLPNS_294607808502290	2007-10-31 00:00:00	816
12686598	5002	STORET_21FLPNS_294653208502492	2007-10-16 00:00:00	232
12686609	5002	STORET_21FLPNS_294723608502575	2007-10-24 00:00:00	732
12686611	5002	STORET_21FLPNS_294723608502575	2007-10-30 00:00:00	910
12686618	5002	STORET_21FLPNS_294747008503098	2007-01-31 00:00:00	244
12686614	5002	STORET_21FLPNS_294747008503098	2007-06-20 00:00:00	619
12686616	5002	STORET_21FLPNS_294747008503098	2007-10-24 00:00:00	284
12686741	5002	STORET_21FLPNS_294811008503068	2007-01-31 00:00:00	251

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
12686749	5002	STORET_21FLPNS_294828708503058	2007-01-31 00:00:00	237
12686752	5002	STORET_21FLPNS_294834108503266	2007-01-31 00:00:00	257
12686751	5002	STORET_21FLPNS_294834108503266	2007-10-30 00:00:00	914
12703298	5002	STORET_21FLPNS_300546728411373	2006-03-02 00:00:00	10200
12703309	5002	STORET_21FLPNS_300546728411373	2006-11-01 00:00:00	20400
12703310	5002	STORET_21FLPNS_300546728411373	2006-11-29 00:00:00	6980
12703313	5002	STORET_21FLPNS_300743908411593	2006-03-02 00:00:00	406
12703320	5002	STORET_21FLPNS_300743908411593	2006-11-01 00:00:00	5480
12734829	5002	STORET_21FLPNS_300743908411593	2006-11-29 00:00:00	24800
12529352	5002	STORET_21FLSJWM_GAR	2009-04-15 00:00:00	201
12538309	5002	STORET_21FLSJWM_MAT	1999-06-21 00:00:00	199
12538311	5002	STORET_21FLSJWM_MAT	1999-08-09 00:00:00	206
13374674	5002	WIN_21FLPDEM_W6-A-21-03	2021-05-10 12:45:00	930
10418451	5033	WIN_21FLCRCP_BAK020	2017-10-24 11:50:00	251
10415454	5033	WIN_21FLCRCP_BAK020	2017-10-24 11:55:00	361
10255907	5033	WIN_21FLCRCP_BAK021	2017-10-24 12:05:00	434
10257069	5033	WIN_21FLCRCP_BAK022	2017-10-24 11:25:00	225
10254693	5033	WIN_21FLCRCP_BAK023	2017-10-24 11:35:00	228
10262960	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 21: Flagged Values - High Indicator Quantile: **120**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4991132	95	18583	2013-07-16 00:00:00	2127.90
9487680	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-02-23 00:00:00	307.00
9295706	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-20 00:00:00	129.00
9295476	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-23 00:00:00	383.00
9299114	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-26 00:00:00	663.00
9501092	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-27 00:00:00	170.00
9297625	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-02 00:00:00	168.00
9297670	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-02 00:00:00	346.00
9261737	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-06 00:00:00	498.00
9500713	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-06 00:00:00	242.00
9501710	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-10 00:00:00	203.00
9501779	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-10 00:00:00	180.00
9501813	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-14 00:00:00	170.00
9506798	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-14 00:00:00	135.00
9261501	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-16 00:00:00	135.00
9262129	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-18 00:00:00	126.00
9511993	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-18 00:00:00	240.00
9513196	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-05-31 00:00:00	605.00
9514373	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-05-31 00:00:00	170.00
9283311	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-01 00:00:00	187.00
9281176	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	277.00
9287226	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	272.00
9282284	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	216.00
9283313	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	150.00
9517643	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	627.00
9282032	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	179.00
9282199	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	168.00
9517861	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	241.00
9289456	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-04 00:00:00	163.00
9289500	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-04 00:00:00	169.00
9258515	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-06 00:00:00	146.00
9520939	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-06 00:00:00	789.00
9268748	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-06 00:00:00	288.00
9528673	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-06 00:00:00	144.00
9469827	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-07 00:00:00	150.00
9269259	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	714.00
9477262	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	709.00
9474369	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	232.00
9270894	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-15 00:00:00	127.00
9479192	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-16 00:00:00	132.00
9479193	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-16 00:00:00	157.00
9489836	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-26 00:00:00	163.00
9491733	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-26 00:00:00	170.00
9489846	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	157.00
9493685	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	175.00
9490168	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	143.00
9490169	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	158.00
9490586	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	196.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9490587	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	201.00
9491708	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	123.00
9291064	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-28 00:00:00	739.00
9289351	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-28 00:00:00	224.00
9291067	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	181.00
9292739	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	126.00
9295488	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	130.00
9295489	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	134.00
9297634	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	293.00
9289301	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	146.00
9289434	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	172.00
9289435	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	234.00
9494430	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	493.00
9289625	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	130.00
9289626	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	172.00
9455251	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	126.00
9297642	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	163.00
9297643	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	247.00
9492232	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	143.00
9492233	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	175.00
9490093	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	136.00
9494443	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	131.00
9494444	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	132.00
9495094	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	149.00
9492370	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-02 00:00:00	143.00
9490540	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-02 00:00:00	149.00
9269943	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	143.00
9269990	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	157.00
9270280	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	126.00
9270472	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	153.00
9270473	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	170.00
9270382	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-06 00:00:00	152.00
9512127	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	129.00
9512128	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	137.00
9516380	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	167.00
9511653	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-08 00:00:00	191.00
9512847	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-08 00:00:00	214.00
9514177	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-09 00:00:00	156.00
9513491	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	142.00
9514184	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	166.00
9516629	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	122.00
9513493	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-11 00:00:00	136.00
9522118	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	176.00
9522396	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	194.00
9522494	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	163.00
9522877	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	184.00
9526923	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	278.00
9281633	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-25 00:00:00	308.00
9286450	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-02 00:00:00	272.00
9289164	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-02 00:00:00	134.00
9287436	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	145.00
9287445	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	189.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9287469	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	130.00
9524104	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	249.00
9527074	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	794.00
9525445	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	276.00
9274304	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	162.00
9277565	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	125.00
9274659	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	149.00
9274897	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	127.00
9274962	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	159.00
9523807	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	350.00
9524148	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	236.00
9524844	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	304.00
9524845	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	333.00
9524997	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	480.00
9273962	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	196.00
9274315	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	200.00
9274685	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	654.00
9274910	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	181.00
9524854	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	137.00
9275292	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	128.00
9525826	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	149.00
9527190	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	135.00
9527388	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	145.00
9527729	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	256.00
9528047	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	233.00
9234546	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	144.00
9234002	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	163.00
9467326	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	208.00
9234957	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	193.00
9236420	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	212.00
9234258	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	186.00
9466820	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	148.00
9466822	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	161.00
9467339	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	683.00
9468407	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	128.00
9469191	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	159.00
9234961	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-19 00:00:00	386.00
9234988	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-20 00:00:00	220.00
9467571	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-21 00:00:00	343.00
9236565	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-22 00:00:00	251.00
9237260	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-22 00:00:00	185.00
9237289	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-23 00:00:00	276.00
9237726	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-26 00:00:00	696.00
9238323	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-26 00:00:00	128.00
9472477	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	484.00
9472689	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	160.00
9470003	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	145.00
9223423	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	142.00
9223917	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	143.00
9223921	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	185.00
9227025	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	253.00
9227447	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	177.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9225678	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	204.00
9225679	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	224.00
9225095	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	208.00
9474445	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	150.00
9479107	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-01 00:00:00	245.00
9225998	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-06 00:00:00	288.00
9480054	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	607.00
9477844	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	180.00
9477845	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	492.00
9227899	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	181.00
9229657	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	382.00
9478785	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	297.00
9230265	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-13 00:00:00	292.00
9229405	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-14 00:00:00	205.00
9480164	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-14 00:00:00	144.00
9483835	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	153.00
9483837	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	186.00
9478915	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	160.00
9481735	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	162.00
9481804	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	165.00
9483852	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-16 00:00:00	431.00
9479439	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	165.00
9483921	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	160.00
9483922	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	163.00
9482930	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	121.00
9482932	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	210.00
9482933	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	226.00
9483255	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	144.00
9483661	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-19 00:00:00	280.00
9482575	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-19 00:00:00	157.00
9482666	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-21 00:00:00	154.00
9488185	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-22 00:00:00	143.00
9230806	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-24 00:00:00	228.00
9488946	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-24 00:00:00	167.00
9489616	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-25 00:00:00	121.00
9490053	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-25 00:00:00	152.00
9490068	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	122.00
9490069	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	129.00
9491138	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	269.00
9235250	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	121.00
9233796	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	134.00
9490185	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	421.00
9239028	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	129.00
9493228	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	644.00
9489909	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	298.00
9493695	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	179.00
9234804	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-01 00:00:00	197.00
9495331	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-02 00:00:00	165.00
9488835	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	134.00
9495334	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	155.00
9495348	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	259.00
9253114	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-04 00:00:00	144.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
9494709	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-06 00:00:00	178.00
9226908	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	194.00
9227362	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	418.00
9227480	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	551.00
9227585	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	302.00
9228113	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	223.00
9229352	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	310.00
9495748	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	853.00
9497278	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	135.00
9500053	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	142.00
9227590	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	292.00
9229623	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	537.00
9235111	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	273.00
9235112	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	329.00
9497557	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-16 00:00:00	145.00
9498212	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-04-27 00:00:00	221.00
9458586	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-04-29 00:00:00	179.00
9469591	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-09 00:00:00	142.00
9467553	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-11 00:00:00	136.00
9230558	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	151.00
9230636	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	239.00
9234358	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	228.00
9467723	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	329.00
9236358	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-18 00:00:00	139.00
9475161	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	138.00
9472357	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	122.00
9472384	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	186.00
9473287	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	142.00
9473288	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	143.00
9473911	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-28 00:00:00	166.00
9235866	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-30 00:00:00	234.00
9231707	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-30 00:00:00	191.00
9464903	103	21FLSCCF_WQX-NWR09	2021-02-17 00:00:00	138.69
13072132	303	WIN_21FLSCCF_DZPIS03	2019-08-21 09:15:00	142.45
13072133	303	WIN_21FLSCCF_DZPIS03	2019-09-18 09:43:00	558.85
13073401	303	WIN_21FLSCCF_NWR01	2019-06-05 08:53:00	143.21
13073446	303	WIN_21FLSCCF_NWR01	2020-02-24 09:34:00	163.39
13169165	303	WIN_21FLSCCF_NWR01	2020-11-17 09:46:00	353.31
13169172	303	WIN_21FLSCCF_NWR02	2019-06-05 08:38:00	433.09
13169173	303	WIN_21FLSCCF_NWR02	2019-07-15 08:45:00	125.97
13169177	303	WIN_21FLSCCF_NWR02	2019-11-20 12:06:00	379.22
13169184	303	WIN_21FLSCCF_NWR02	2020-09-10 10:45:00	847.26
13073463	303	WIN_21FLSCCF_NWR03	2019-10-23 08:30:00	185.33
13073532	303	WIN_21FLSCCF_NWR09	2020-09-10 09:35:00	331.88
13170076	303	WIN_21FLSCCF_NWR09	2021-02-17 10:15:00	138.69
13170080	303	WIN_21FLSCCF_NWR10	2019-06-05 10:10:00	292.84
13170081	303	WIN_21FLSCCF_NWR10	2019-07-15 10:47:00	152.92
13170082	303	WIN_21FLSCCF_NWR10	2019-08-21 10:07:00	190.70
13170083	303	WIN_21FLSCCF_NWR10	2019-10-23 10:09:00	181.17
13170087	303	WIN_21FLSCCF_NWR10	2020-02-24 11:14:00	634.29
13170093	303	WIN_21FLSCCF_NWR10	2020-11-17 11:17:00	614.58
13073539	303	WIN_21FLSCCF_SCAL_SPAT03	2019-10-23 11:15:00	166.22

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
13170316	303	WIN_21FLSCCF_SCAL_SPAT06	2019-11-20 11:17:00	204.12
13170319	303	WIN_21FLSCCF_SCAL_SPAT06	2020-02-24 12:35:00	152.46
13073560	303	WIN_21FLSCCF_SCAL_SPAT09	2019-06-05 13:27:00	327.57
13073563	303	WIN_21FLSCCF_SCAL_SPAT09	2019-09-18 12:40:00	264.88
13073564	303	WIN_21FLSCCF_SCAL_SPAT09	2019-10-23 08:41:00	124.51
13073568	303	WIN_21FLSCCF_SCAL_SPAT09	2020-02-24 13:08:00	182.99
8456818	354	rkblhnut	2004-08-30 08:30:00	192.00
8460362	354	rkblhnut	2004-08-30 11:00:00	197.00
8460108	354	rkblhnut	2004-08-30 13:30:00	202.00
8456826	354	rkblhnut	2004-08-30 16:00:00	207.00
8460370	354	rkblhnut	2004-08-30 18:30:00	212.00
8456472	354	rkblhnut	2004-08-30 21:00:00	217.00
8460458	354	rkblhnut	2004-08-30 23:30:00	222.00
8466012	354	rkblhnut	2004-08-31 02:00:00	227.00
8460623	354	rkblhnut	2004-08-31 04:30:00	232.00
8458923	354	rkblhnut	2004-08-31 07:00:00	237.00
8384250	354	rkblhnut	2005-10-16 08:30:00	294.80
8385643	354	rkblhnut	2005-10-16 16:00:00	358.10
8384258	354	rkblhnut	2005-10-16 21:00:00	197.60
8384595	354	rkblhnut	2005-10-16 23:30:00	371.50
13156822	4058	56	2017-04-18 12:45:00	478.00
12411451	5002	STORET_21FLCOLL_LKMRCOSH	1995-04-13 00:00:00	154.00
12359164	5002	STORET_21FLPNS_300546728411373	2006-03-30 00:00:00	121.00
12359174	5002	STORET_21FLPNS_300743908411593	2006-03-30 00:00:00	124.00
12385553	5002	STORET_21FLSEAS_16SEAS360	2010-01-26 00:00:00	164.00
12591100	5002	STORET_21FLSEAS_30SEAS190	2017-10-17 00:00:00	129.10
12596368	5002	STORET_21FLSEAS_30SEAS200	2017-05-01 00:00:00	131.40
12502284	5002	STORET_21FLWQA_300751208544378	2005-04-27 00:00:00	830.00
10598417	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