

Water Column (Discrete) Indicator Quantile Report

SEACAR Analysis

Last compiled on 11 October, 2023

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Total Kjeldahl Nitrogen TKN	53
Total Nitrogen	55
Total Phosphorus	58
Total Suspended Solids, TSS	61
Turbidity	63

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-Aug-31.txt
- Combined_WQ_WC_NUT_Chlorophyll_a_corrected_for_pheophytin-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Chlorophyll_a_uncorrected_for_pheophytin-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Colored_dissolved_organic_matter_CDOM-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Light_Extinction_Coefficient-2023-Aug-31.txt
- Combined_WQ_WC_NUT_NH4_Filtered-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Nitrate_N-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Nitrite_N-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Nitrogen_organic-2023-Aug-31.txt
- Combined_WQ_WC_NUT_NO2_3_Filtered-2023-Aug-31.txt
- Combined_WQ_WC_NUT_PO4_Filtered-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Total_Kjeldahl_Nitrogen_TKN-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Total_Nitrogen-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Total_Phosphorus-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Total_Suspended_Solids_TSS-2023-Aug-31.txt
- Combined_WQ_WC_NUT_Turbidity-2023-Aug-31.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	0.08	120.06	6.72	53833	54	54	0.20
Chlorophyll a uncorrected for pheophytin	0.01	100.00	21.44	58089	56	54	0.19
Colored dissolved organic matter, CDOM	1.00	714.83	26.34	20518	12	21	0.16
Light Extinction Coefficient	0.00	7.94	0.56	15545	16	16	0.21
NH4 Filtered	0.00	5.82	0.10	116615	117	117	0.20
NO2+3 Filtered	0.00	3.30	0.06	128933	0	129	0.10
Nitrate (N)	0.00	0.82	0.02	17050	2	18	0.12
Nitrite (N)	0.00	0.08	0.00	23549	2	24	0.11
Nitrogen (All)	0.00	4.25	0.50	123578	123	124	0.20
Nitrogen (No calc)	0.00	2.67	0.34	78029	123	124	0.32
Nitrogen, organic	0.03	2.70	0.57	7121	6	7	0.18
PO4 Filtered	0.00	0.78	0.04	55371	39	56	0.17
Total Kjeldahl Nitrogen TKN	0.00	5.40	5.87	88006	67	89	0.18
Total Phosphorus	0.00	0.75	0.19	127494	98	127	0.18
Total Suspended Solids, TSS	0.12	186.00	14.67	67333	41	67	0.16
Turbidity	0.02	128.00	5.14	284511	235	284	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.

Low Quantile

Ammonia- Un-ionized (NH3)

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

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
219835	5028	MP3C	2020-06-11	0

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

Chlorophyll a corrected for pheophytin

Table 3: Flagged Values - Low Indicator Quantile: **0.08416**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4463319	4054	gtmpcnut	2003-01-22 07:55:00	0.01
4410474	4054	gtmpcnut	2003-03-22 20:27:00	0.01
4401594	4054	gtmpcnut	2003-03-22 22:57:00	0.01
4457766	4054	gtmpcnut	2004-09-13 08:05:00	0.01
4398985	4054	gtmpcnut	2004-09-15 07:00:00	0.01
4431732	4054	gtmpcnut	2005-04-05 14:00:00	0.01
4416849	4054	gtmpcnut	2005-04-05 16:30:00	0.01
4403564	4054	gtmpcnut	2005-04-06 00:00:00	0.01
4401957	4054	gtmpcnut	2005-04-06 02:30:00	0.01
4335484	4054	gtmpcnut	2005-07-06 09:45:00	0.01
4447617	4054	gtmpcnut	2005-07-06 19:45:00	0.01
4383556	4054	gtmpcnut	2005-07-07 00:45:00	0.01
4435933	4054	gtmpcnut	2006-02-14 16:40:00	0.01
4412976	4054	gtmpcnut	2006-02-14 19:10:00	0.01
4385149	4054	gtmpcnut	2006-02-14 21:40:00	0.01
4452017	4054	gtmpcnut	2006-02-15 02:40:00	0.01
4335033	5002	STORET_21FLSUW_SRE010C1	1995-11-16 00:00:00	0.01
4338115	5002	STORET_21FLSUW_SRE010C1	1996-01-10 00:00:00	0.01
4337678	5002	STORET_21FLSUW_SRE010C1	1996-02-07 00:00:00	0.01
4338142	5002	STORET_21FLSUW_SRE010C1	1996-04-03 00:00:00	0.01
4337679	5002	STORET_21FLSUW_SRE010C1	1996-05-16 00:00:00	0.01
4105548	5002	STORET_21FLSUW_SRE010C1	1996-06-13 00:00:00	0.01
4338234	5002	STORET_21FLSUW_SRE010C1	1996-09-19 00:00:00	0.01
4336032	5002	STORET_21FLSUW_SRE020C1	1995-11-16 00:00:00	0.01
4338681	5002	STORET_21FLSUW_SRE020C1	1996-05-16 00:00:00	0.01
4338682	5002	STORET_21FLSUW_SRE020C1	1996-09-19 00:00:00	0.01
4107214	5002	STORET_21FLSUW_SRE020C1	1996-12-04 00:00:00	0.01
4337529	5002	STORET_21FLSUW_SRE030C1	1995-11-16 00:00:00	0.01
4334817	5002	STORET_21FLSUW_SRE030C1	1996-05-16 00:00:00	0.01
4337530	5002	STORET_21FLSUW_SRE030C1	1996-09-19 00:00:00	0.01
4337597	5002	STORET_21FLSUW_SRE030C1	1996-10-11 00:00:00	0.01
4335994	5002	STORET_21FLSUW_SRE040C1	1995-11-16 00:00:00	0.01
4335995	5002	STORET_21FLSUW_SRE040C1	1996-04-03 00:00:00	0.01
4342219	5002	STORET_21FLSUW_SRE040C1	1996-05-16 00:00:00	0.01
4340549	5002	STORET_21FLSUW_SRE050C1	1995-11-16 00:00:00	0.01
4337710	5002	STORET_21FLSUW_SRE050C1	1996-05-16 00:00:00	0.01
4114809	5002	STORET_21FLSUW_SRE050C1	1996-06-13 00:00:00	0.01
4337711	5002	STORET_21FLSUW_SRE050C1	1996-09-19 00:00:00	0.01
4348544	5002	STORET_21FLSUW_SRE050C1	1996-10-11 00:00:00	0.01
4110028	5002	STORET_21FLSUW_SRE050C1	1996-12-04 00:00:00	0.01
4342135	5002	STORET_21FLSUW_SRE060C1	1995-11-16 00:00:00	0.01
4110126	5002	STORET_21FLSUW_SRE060C1	1996-04-03 00:00:00	0.01
4341336	5002	STORET_21FLSUW_SRE060C1	1996-05-16 00:00:00	0.01
4344356	5002	STORET_21FLSUW_SRE060C1	1996-09-19 00:00:00	0.01
4341337	5002	STORET_21FLSUW_SRE060C1	1996-10-11 00:00:00	0.01
4114615	5002	STORET_21FLSUW_SRE060C1	1996-11-06 00:00:00	0.01
4110127	5002	STORET_21FLSUW_SRE060C1	1996-12-04 00:00:00	0.01
4342137	5002	STORET_21FLSUW_SRE070C1	1995-11-16 00:00:00	0.01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4345924	5002	STORET_21FLSUW_SRE070C1	1996-05-16 00:00:00	0.01
4113113	5002	STORET_21FLSUW_SRE070C1	1996-06-13 00:00:00	0.01
4342376	5002	STORET_21FLSUW_SRE080C1	1995-11-16 00:00:00	0.01
4345965	5002	STORET_21FLSUW_SRE080C1	1996-05-16 00:00:00	0.01
4340939	5002	STORET_21FLSUW_SRE080C1	1996-09-19 00:00:00	0.01
5509088	5033	WIN_21FLCRCP_BAK033	2021-05-12 11:30:00	0.08

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

Chlorophyll a uncorrected for pheophytin

Table 4: Flagged Values - Low Indicator Quantile: **0.01**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1725356	297	213	2003-08-07	0.00
1748026	297	214	1999-06-10	0.01
1808685	297	214	2005-05-11	0.01
1864291	297	216	2006-04-27	0.01
1869826	297	218	2006-04-26	0.01
1799630	297	220	2001-01-26	0.00
1754887	297	223	2004-02-12	0.01
1804218	297	223	2005-05-12	0.00
1882630	297	223	2006-09-14	0.01
1768468	297	224	2004-06-10	0.01
1707937	297	225	2003-05-05	0.00
1783474	297	229	2007-06-07	0.00
1880863	297	231	2006-09-14	0.00
1804502	297	232	2005-02-16	0.01
1852287	297	233	2006-03-22	0.00
1795868	297	234	2000-11-15	0.01
1827374	297	234	2005-10-12	0.00
1804065	297	236	2005-02-17	0.00
1711954	297	237	2003-05-21	0.01
1855866	297	237	2006-03-22	0.01
1864382	297	238	2006-04-21	0.00
1833448	297	241	2001-08-09	0.00
1823943	297	243	2001-06-21	0.00
1830843	297	245	2001-08-10	0.01
1826031	297	246	2001-06-22	0.01
1781162	297	254	2007-06-12	0.01
1822480	297	258	2005-08-03	0.01
1779662	297	258	2007-06-12	0.00
1790684	297	261	2004-10-26	0.00
1754963	297	263	2004-04-01	0.00
1729933	297	264	2003-08-11	0.01
1815957	297	266	2005-08-02	0.01
1763036	297	269	2004-05-27	0.00
1868160	297	280	2006-05-04	0.00
1805156	297	285	2005-01-27	0.01
1842470	297	285	2005-12-08	0.00
1816330	297	287	2005-05-04	0.01
1804983	297	292	2005-01-27	0.00
1796508	297	293	2004-10-28	0.01
1805472	297	293	2005-01-27	0.01
1887401	297	293	2006-09-28	0.01
1809328	297	300	2001-02-08	0.01
1839724	297	300	2005-12-08	0.00
1863978	297	304	2006-01-24	0.01
1799927	297	311	2000-12-01	0.01
1811413	297	311	2001-02-09	0.00
1830172	297	311	2001-07-02	0.01
1697842	297	311	2003-02-13	0.01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1883016	297	312	2006-07-12	0.00
1845076	297	313	2005-11-29	0.00
1826311	297	334	2001-05-23	0.01
1744383	297	336	1999-05-03	0.00
1821922	297	339	2005-07-19	0.01
1719922	297	343	2003-04-16	0.01
1745438	297	347	1999-05-02	0.00
1723295	297	401	2003-05-21	0.00

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

Colored dissolved organic matter, CDOM

Table 5: Flagged Values - Low Indicator Quantile: 1

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1994192	3	12048A	2010-07-07 00:00:00	0.54
1994030	3	12433A	2010-07-07 00:00:00	0.68
1994710	3	12618A	2010-07-07 00:00:00	0.35
1995942	3	12827A	2010-07-07 00:00:00	0.57
2004352	3	6366A	2010-07-08 00:00:00	0.27
1991542	3	9472A	2010-07-07 00:00:00	0.32
1992560	3	9539A	2010-07-07 00:00:00	0.63
1994202	3	9656A	2010-07-07 00:00:00	0.20
1994139	3	9740A	2010-07-07 00:00:00	0.24
5520727	5002	WIN_21FLMCGL_WS P	2021-09-17 09:00:00	0.00
5520632	5002	WIN_21FLMCGL_WS P	2021-09-22 09:00:00	0.00
5508927	5008	WIN_21FLUFSW_HER-WEE-7	2022-03-04 13:53:00	0.09

Programs containing flagged data:

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

5002 - Florida STORET / WIN

5008 - Project COAST (Coastal Assessment Team) - Springs Coast Ecosystem Region

Light Extinction Coefficient

Table 6: Flagged Values - Low Indicator Quantile: **0.001**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1925992	297	212	2002-10-22	0
1918868	297	218	2009-04-22	0
1843937	297	223	2009-07-13	0
1916180	297	252	2009-02-12	0
1940351	297	263	2003-10-01	0
1987667	297	272	2006-05-04	0
1996213	297	279	2006-12-14	0
1882666	297	280	2017-12-12	0
1903222	297	295	2012-02-08	0
1998881	297	307	2006-11-02	0
1994534	297	310	2006-07-12	0
1995812	297	312	2006-07-12	0
1957161	297	318	2015-09-13	0
1993678	297	326	2006-07-19	0
1946453	297	328	2014-11-17	0
1997312	297	403	2006-12-14	0

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

NH4 Filtered

Table 7: Flagged Values - Low Indicator Quantile: **0.00019**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1850167	297	212	2018-02-07	0
1775283	297	212	2019-02-05	0
1910709	297	215	2020-03-11	0
1791753	297	216	2020-01-16	0
1917888	297	216	2020-09-19	0
1837834	297	217	2017-05-02	0
1851346	297	218	2018-02-07	0
1835469	297	219	2009-10-01	0
1791263	297	219	2020-07-07	0
1840339	297	220	2017-05-02	0
1790356	297	220	2019-08-16	0
1786936	297	223	2019-08-16	0
1897913	297	223	2019-08-16	0
1799238	297	223	2020-11-14	0
1798282	297	227	2020-09-11	0
1799969	297	228	2020-07-07	0
1922199	297	228	2020-07-07	0
1838871	297	229	2017-05-04	0
1763479	297	231	1999-08-27	0
1897631	297	231	2019-09-25	0
1839116	297	232	2017-05-04	0
1919889	297	232	2020-06-15	0
1728583	297	234	2001-08-09	0
1740716	297	237	2001-08-09	0
1790470	297	237	2020-03-30	0
1741335	297	239	2002-05-03	0
1779757	297	239	2004-06-03	0
1842758	297	239	2010-07-13	0
1786251	297	239	2019-09-25	0
1897032	297	239	2019-09-25	0
1917357	297	241	2020-03-30	0
1917891	297	241	2020-10-28	0
1793205	297	242	2020-03-30	0
1891270	297	243	2019-02-15	0
1788365	297	243	2019-05-22	0
1897392	297	246	2019-05-22	0
1669319	297	248	1998-05-20	0
1706877	297	248	1998-05-20	0
1748664	297	248	2017-12-07	0
1846054	297	248	2017-12-07	0
1784581	297	248	2019-05-22	0
1799002	297	249	2020-09-20	0
1791965	297	250	2020-03-30	0
1878653	297	252	2004-05-28	0
1777008	297	252	2019-02-15	0
1792346	297	252	2020-07-09	0
1799234	297	259	2009-07-17	0
1923442	297	259	2020-10-11	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1705427	297	261	1998-05-19	0
1799983	297	264	2020-09-20	0
1906469	297	266	2020-01-29	0
1905737	297	267	2020-01-29	0
1799461	297	267	2020-10-11	0
1795151	297	270	2020-01-29	0
1796163	297	270	2020-07-09	0
1899999	297	272	2019-05-29	0
1793852	297	272	2020-03-27	0
1920331	297	272	2020-10-11	0
1800694	297	273	2020-12-14	0
1893411	297	276	2019-05-29	0
1923589	297	276	2020-10-11	0
1740884	297	277	2002-05-09	0
1726590	297	280	1998-08-03	0
1920245	297	281	2020-07-10	0
1917778	297	282	2020-07-01	0
1904619	297	284	2019-09-29	0
1892989	297	285	2019-05-30	0
1726247	297	287	1998-08-02	0
1692817	297	288	2000-03-24	0
1722952	297	288	2000-11-30	0
1691569	297	308	2000-04-07	0
1675807	297	309	2020-12-16	0
1818657	297	310	2016-09-10	0
1916801	297	310	2020-03-24	0
1694732	297	311	2000-04-07	0
1669633	297	312	2020-12-16	0
1753807	297	318	2018-04-04	0
1667749	297	318	2020-12-15	0
1798508	297	319	2020-10-12	0
1921294	297	319	2020-10-12	0
1795179	297	322	2020-03-26	0
1922973	297	322	2020-10-12	0
1761160	297	324	2008-01-08	0
1918916	297	324	2020-10-12	0
1799778	297	324	2020-12-15	0
1798180	297	325	2020-12-15	0
1902472	297	328	2004-10-13	0
1909443	297	328	2013-12-02	0
1848019	297	328	2017-05-15	0
1787655	297	328	2019-06-03	0
1800338	297	328	2020-12-15	0
1897127	297	330	2019-06-03	0
1842311	297	333	2009-10-12	0
1784820	297	333	2019-06-03	0
1766158	297	334	2002-04-15	0
1793724	297	335	2020-01-28	0
1799701	297	335	2020-12-15	0
1898907	297	337	2019-06-03	0
1668538	297	337	2020-12-15	0
1805268	297	337	2020-12-15	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1779666	297	342	2002-04-16	0
1739025	297	344	2001-11-10	0
1920522	297	402	2020-09-28	0
1920836	297	403	2020-10-11	0
1673442	297	502	2020-11-15	0
1915925	297	507	2020-03-19	0
1337455	505	P09	2016-05-04	0
1279169	505	P11	2003-10-21	0
386657	509	104	1999-12-28	0
454712	509	129	2001-05-09	0
392307	509	452	2002-06-05	0
371036	509	453	2002-03-14	0
4218764	5002	STORET_21FLSJWM_IRLI27	2007-07-12	0
4229252	5002	STORET_21FLSJWM_IRLIRJ01	2009-04-06	0
4244368	5002	STORET_21FLSJWM_JAXSJR01	2015-03-11	0
4221934	5002	STORET_21FLSJWM_MAT	2009-07-13	0
4224555	5002	STORET_21FLSJWM_MAT	2015-03-12	0

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project
505 - Pensacola Bay Water Quality Monitoring Program
509 - SERC Water Quality Monitoring Network
5002 - Florida STORET / WIN

Nitrate (N)

Table 8: Flagged Values - Low Indicator Quantile: **0.001**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4232652	5002	STORET_21FLFTM_LV-2	2006-03-13	0
4231826	5002	STORET_21FLFTM_LV-2	2006-06-14	0

Programs containing flagged data:

5002 - Florida STORET / WIN

Nitrite (N)

Table 9: Flagged Values - Low Indicator Quantile: **0.00014**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4308985	5002	STORET_21FLFTM_LV-2	2006-03-13	0
4305151	5002	STORET_21FLFTM_LV-4	2006-03-13	0

Programs containing flagged data:

5002 - Florida STORET / WIN

Nitrogen, organic

Table 10: Flagged Values - Low Indicator Quantile: **0.029**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4338971	5002	STORET_21FLHILL_025	2007-06-26	0.02
4337984	5002	STORET_21FLHILL_046	2008-01-08	0.02
4340236	5002	STORET_21FLHILL_092	2004-06-22	0.02
4284284	5002	STORET_21FLLOX_40	2012-12-17	0.02
4325174	5002	STORET_21FLLOX_78	2017-02-13	0.01
4340595	5002	STORET_21FLWPB_28010064	2001-08-31	0.02

Programs containing flagged data:

5002 - Florida STORET / WIN

PO4 Filtered

Table 11: Flagged Values - Low Indicator Quantile: **2e-05**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1993521	513	STORET_CHNEPMP-212	2016-03-23	0
1990146	513	STORET_CHNEPMP-212	2016-04-26	0
1993522	513	STORET_CHNEPMP-212	2016-04-26	0
1992389	513	STORET_CHNEPMP-213	2016-01-29	0
1991098	513	STORET_CHNEPMP-222	2016-02-23	0
1991225	513	STORET_CHNEPMP-222	2016-04-26	0
1991746	513	STORET_CHNEPMP-223	2016-04-26	0
1993974	513	STORET_CHNEPMP-223	2016-04-26	0
1995777	513	STORET_CHNEPMP-233	2013-09-24	0
1999836	513	STORET_CHNEPMP-233	2016-01-29	0
1999199	513	STORET_CHNEPMP-233	2016-01-29	0
2003803	513	STORET_CHNEPMP-233	2016-06-23	0
2001627	513	STORET_CHNEPMP-234	2013-03-26	0
1998698	513	STORET_CHNEPMP-234	2016-03-23	0
2001066	513	STORET_CHNEPMP-245	2016-02-23	0
2000710	513	STORET_CHNEPMP-245	2016-03-23	0
2004812	513	STORET_CHNEPMP-246	2013-01-24	0
1999365	513	STORET_CHNEPMP-246	2013-04-23	0
2000528	513	STORET_CHNEPMP-246	2016-01-29	0
2002667	513	STORET_CHNEPMP-246	2016-06-23	0
2002668	513	STORET_CHNEPMP-246	2016-09-22	0
2004824	513	STORET_CHNEPMP-246	2016-10-25	0
2001009	513	STORET_CHNEPMP-257	2013-11-26	0
2004055	513	STORET_CHNEPMP-257	2013-11-26	0
2004077	513	STORET_CHNEPMP-257	2016-09-22	0
2002397	513	STORET_CHNEPMP-257	2016-11-21	0
2002398	513	STORET_CHNEPMP-257	2016-11-21	0
2005089	513	STORET_CHNEPMP-258	2016-05-24	0
2008140	513	STORET_CHNEPMP-258	2016-07-26	0
2004446	513	STORET_CHNEPMP-268	2013-02-26	0
2005007	513	STORET_CHNEPMP-268	2016-06-23	0
2007369	513	STORET_CHNEPMP-268	2016-06-23	0
2007211	513	STORET_CHNEPMP-268	2016-11-21	0
2005529	513	STORET_CHNEPMP-280	2013-12-26	0
2012038	513	STORET_CHNEPMP-280	2016-01-29	0
2008463	513	STORET_CHNEPMP-280	2016-04-26	0
2007855	513	STORET_CHNEPMP-280	2016-09-22	0
2012708	513	STORET_CHNEPMP-302	2016-12-22	0
4331709	5002	STORET_21FLSJWM_IRLIRJ01	1998-02-11	0

Programs containing flagged data:

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

Total Kjeldahl Nitrogen TKN

Table 12: Flagged Values - Low Indicator Quantile: **1e-04**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2030275	513	STORET_CHNEPCHE-109	2003-08-06	0
2034199	513	STORET_CHNEPCHE-122	2004-03-25	0
2036047	513	STORET_CHNEPCHE-122	2004-03-25	0
2032758	513	STORET_CHNEPCHE-123	2003-10-13	0
2035317	513	STORET_CHNEPCHE-125	2003-10-13	0
2035346	513	STORET_CHNEPCHE-134	2002-02-25	0
2037658	513	STORET_CHNEPCHE-134	2002-02-25	0
2032838	513	STORET_CHNEPCHE-135	2003-08-27	0
2035442	513	STORET_CHNEPCHE-135	2003-09-04	0
2037230	513	STORET_CHNEPCHE-67	2003-10-13	0
2034521	513	STORET_CHNEPCHE-73	2003-08-06	0
2038180	513	STORET_CHNEPCHE-80	2002-02-25	0
2038452	513	STORET_CHNEPCHE-80	2002-02-25	0
2035391	513	STORET_CHNEPCHE-82	2002-02-25	0
2038827	513	STORET_CHNEPCHE-93	2002-06-04	0
2034934	513	STORET_CHNEPCHE-93	2003-10-13	0
2037490	513	STORET_CHNEPCHE-93	2003-10-13	0
2037390	513	STORET_CHNEPCHE-94	2002-02-25	0
2038834	513	STORET_CHNEPCHP-113	2002-01-29	0
2040851	513	STORET_CHNEPCHP-114	2001-10-03	0
2037890	513	STORET_CHNEPCHP-114	2002-02-21	0
2037687	513	STORET_CHNEPCHP-115	2001-10-03	0
2033184	513	STORET_CHNEPCHP-115	2003-08-27	0
2043344	513	STORET_CHNEPCHP-115	2003-10-15	0
2038994	513	STORET_CHNEPCHP-116	2002-02-21	0
2038212	513	STORET_CHNEPCHP-118	2003-10-15	0
2043179	513	STORET_CHNEPCHP-126	2003-03-04	0
2045244	513	STORET_CHNEPCHP-127	2003-03-04	0
2039566	513	STORET_CHNEPCHP-127	2003-09-04	0
2037779	513	STORET_CHNEPCHP-128	2002-01-29	0
2039059	513	STORET_CHNEPCHP-129	2002-02-21	0
2043095	513	STORET_CHNEPCHP-129	2003-09-04	0
2041307	513	STORET_CHNEPCHP-129	2003-10-15	0
2039211	513	STORET_CHNEPCHP-130	2002-02-21	0
2042420	513	STORET_CHNEPCHP-98	2003-08-27	0
2042608	513	STORET_CHNEPCHP-98	2005-02-01	0
2045511	513	STORET_CHNEPCHP-99	2001-10-03	0
2042252	513	STORET_CHNEPCHW-105	2004-03-25	0
2044263	513	STORET_CHNEPCHW-50	2001-10-03	0
2043135	513	STORET_CHNEPCHW-54	2002-02-26	0
2052945	513	STORET_CHNEPCHW-60	2003-08-06	0
2048149	513	STORET_CHNEPCHW-61	2003-11-05	0
2050222	513	STORET_CHNEPCHW-61	2003-11-05	0
2053751	513	STORET_CHNEPCHW-64	2003-09-02	0
2047148	513	STORET_CHNEPCHW-65	2002-02-25	0
2049144	513	STORET_CHNEPCHW-72	2002-06-04	0
2048334	513	STORET_CHNEPCHW-78	2002-01-29	0
2051698	513	STORET_CHNEPCHW-78	2002-02-25	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2052733	513	STORET_CHNEPCHW-79	2003-10-13	0
2052734	513	STORET_CHNEPCHW-79	2003-10-13	0
2051944	513	STORET_CHNEPCHW-79	2004-03-25	0
2048473	513	STORET_CHNEPCHW-90	2002-02-25	0
2050140	513	STORET_CHNEPCHW-91	2003-10-13	0
2054038	513	STORET_CHNEPCHW-91	2003-10-13	0
2054592	513	STORET_CHNEPLL-514	2003-09-23	0
2050751	513	STORET_CHNEPLL-517	2002-02-19	0
2062156	513	STORET_CHNEPLL-517	2003-09-23	0
1980636	513	STORET_CHNEPLL-520	2004-06-24	0
1978536	513	STORET_CHNEPLL-523	2002-02-19	0
1981797	513	STORET_CHNEPLL-531	2002-12-12	0
1981793	513	STORET_CHNEPLL-531	2004-06-24	0
1981295	513	STORET_CHNEPLL-85	2001-10-03	0
1982100	513	STORET_CHNEPLL-85	2004-06-24	0
1976093	513	STORET_CHNEPSCB-346	2007-10-10	0
1979085	513	STORET_CHNEPSCB-359	2007-10-10	0
1982322	513	STORET_CHNEPSCB-359	2007-10-10	0
1981774	513	STORET_CHNEPTMR-22	2003-11-04	0

Programs containing flagged data:

513 - Coastal Charlotte Harbor Monitoring Network

Total Nitrogen

Table 13: Flagged Values - Low Indicator Quantile: **8e-05**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2035347	513	STORET_CHNEPCHE-134	2002-02-25	0
2035758	513	STORET_CHNEPCHE-134	2002-02-25	0
2032871	513	STORET_CHNEPCHE-80	2002-02-25	0
2033695	513	STORET_CHNEPCHE-80	2002-02-25	0
2034587	513	STORET_CHNEPCHE-82	2002-02-25	0
2032967	513	STORET_CHNEPCHE-93	2002-06-04	0
2040131	513	STORET_CHNEPCHE-94	2002-02-25	0
2036327	513	STORET_CHNEPCHP-113	2002-01-29	0
2038512	513	STORET_CHNEPCHP-114	2001-10-03	0
2037208	513	STORET_CHNEPCHP-114	2002-02-21	0
2037688	513	STORET_CHNEPCHP-115	2001-10-03	0
2035735	513	STORET_CHNEPCHP-116	2002-02-21	0
2040854	513	STORET_CHNEPCHP-128	2002-01-29	0
2041988	513	STORET_CHNEPCHP-129	2002-02-21	0
2038045	513	STORET_CHNEPCHP-130	2002-02-21	0
2044743	513	STORET_CHNEPCHP-99	2001-10-03	0
2040787	513	STORET_CHNEPCHW-54	2002-02-26	0
2050223	513	STORET_CHNEPCHW-61	2003-11-05	0
2050271	513	STORET_CHNEPCHW-61	2003-11-05	0
2048434	513	STORET_CHNEPCHW-65	2002-02-25	0
2052273	513	STORET_CHNEPCHW-72	2002-06-04	0
2050610	513	STORET_CHNEPCHW-78	2002-01-29	0
2048751	513	STORET_CHNEPCHW-78	2002-02-25	0
2051857	513	STORET_CHNEPCHW-90	2002-02-25	0
2054306	513	STORET_CHNEPLL-517	2002-02-19	0
1978086	513	STORET_CHNEPLL-520	2004-06-24	0
1976321	513	STORET_CHNEPLL-523	2002-02-19	0
1981794	513	STORET_CHNEPLL-531	2004-06-24	0
1985587	513	STORET_CHNEPLL-85	2001-10-03	0
1981323	513	STORET_CHNEPLL-85	2004-06-24	0
2065746	514	Bay-St. Andrew Bay-6-1	2004-02-08	0
2060694	514	Bay-St. Andrew Bay-7-1	2004-01-11	0
2017929	514	Monroe-Harry Harris Park Canal-2-1	2003-08-18	0
2028096	514	Monroe-Ocean Shore-2-1	2003-11-28	0
2031631	514	Monroe-Ocean Shore-2-1	2004-08-22	0
2029637	514	Monroe-Ocean Shore-3-1	2003-11-28	0
2007956	514	Monroe-Tavernier-1-1	2003-09-18	0
2007919	514	Monroe-Tavernier-1-1	2003-10-14	0
2010262	514	Monroe-Tavernier-1-1	2004-02-21	0
2005439	514	Monroe-Tavernier-1-1	2004-03-13	0
2008427	514	Monroe-Tavernier-1-1	2004-04-24	0
2009551	514	Monroe-Tavernier-10-1	2003-07-16	0
2009793	514	Monroe-Tavernier-10-1	2003-09-18	0
2004849	514	Monroe-Tavernier-10-1	2003-10-14	0
2009794	514	Monroe-Tavernier-10-1	2003-11-28	0
2008654	514	Monroe-Tavernier-10-1	2003-12-24	0
2009775	514	Monroe-Tavernier-10-1	2004-01-17	0
2008655	514	Monroe-Tavernier-10-1	2004-02-21	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2009776	514	Monroe-Tavernier-10-1	2004-03-13	0
2006888	514	Monroe-Tavernier-2-1	2000-12-18	0
2007957	514	Monroe-Tavernier-2-1	2001-04-24	0
2007921	514	Monroe-Tavernier-2-1	2001-05-20	0
2008625	514	Monroe-Tavernier-2-1	2002-01-21	0
2009671	514	Monroe-Tavernier-2-1	2003-06-18	0
2010823	514	Monroe-Tavernier-2-1	2003-09-18	0
2010488	514	Monroe-Tavernier-2-1	2004-03-13	0
2008751	514	Monroe-Tavernier-2-1	2004-04-24	0
2006828	514	Monroe-Tavernier-3-1	2000-12-18	0
2010092	514	Monroe-Tavernier-3-1	2001-04-24	0
2007142	514	Monroe-Tavernier-3-1	2001-12-24	0
2019312	514	Monroe-Tavernier-3-1	2003-05-16	0
2017503	514	Monroe-Tavernier-3-1	2003-06-18	0
2014917	514	Monroe-Tavernier-3-1	2003-09-18	0
2012444	514	Monroe-Tavernier-3-1	2003-10-14	0
2014918	514	Monroe-Tavernier-3-1	2003-12-24	0
2019313	514	Monroe-Tavernier-3-1	2004-04-24	0
2016704	514	Monroe-Tavernier-4-1	2003-04-12	0
2022039	514	Monroe-Tavernier-4-1	2003-06-18	0
2010456	514	Monroe-Tavernier-4-1	2003-07-16	0
2015635	514	Monroe-Tavernier-4-1	2003-08-18	0
2015143	514	Monroe-Tavernier-4-1	2003-09-18	0
2015144	514	Monroe-Tavernier-4-1	2003-10-14	0
2015393	514	Monroe-Tavernier-4-1	2003-12-24	0
2010457	514	Monroe-Tavernier-4-1	2004-02-21	0
2015636	514	Monroe-Tavernier-4-1	2004-03-13	0
2016705	514	Monroe-Tavernier-4-1	2004-05-22	0
2015535	514	Monroe-Tavernier-5-1	2003-04-12	0
2017508	514	Monroe-Tavernier-5-1	2003-05-16	0
2015259	514	Monroe-Tavernier-5-1	2003-08-18	0
2017273	514	Monroe-Tavernier-5-1	2003-09-18	0
2017510	514	Monroe-Tavernier-5-1	2003-12-24	0
2017511	514	Monroe-Tavernier-5-1	2004-02-21	0
2015536	514	Monroe-Tavernier-5-1	2004-03-13	0
2018470	514	Monroe-Tavernier-5-1	2004-05-22	0
2015640	514	Monroe-Tavernier-6-1	2003-04-12	0
2016709	514	Monroe-Tavernier-6-1	2003-07-16	0
2016968	514	Monroe-Tavernier-6-1	2003-09-18	0
2014249	514	Monroe-Tavernier-6-1	2003-10-14	0
2015724	514	Monroe-Tavernier-6-1	2004-02-21	0
2015725	514	Monroe-Tavernier-6-1	2004-03-13	0
2018282	514	Monroe-Tavernier-6-1	2004-04-24	0
2018283	514	Monroe-Tavernier-6-1	2004-05-22	0
2017255	514	Monroe-Tavernier-6-1	2004-10-23	0
2014828	514	Monroe-Tavernier-7-1	2003-05-16	0
2016662	514	Monroe-Tavernier-7-1	2003-06-18	0
2014829	514	Monroe-Tavernier-7-1	2003-07-16	0
2016663	514	Monroe-Tavernier-7-1	2003-08-18	0
2018333	514	Monroe-Tavernier-7-1	2003-09-18	0
2015041	514	Monroe-Tavernier-7-1	2003-11-28	0
2016279	514	Monroe-Tavernier-7-1	2003-12-24	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2015213	514	Monroe-Tavernier-7-1	2004-01-17	0
2015476	514	Monroe-Tavernier-7-1	2004-02-21	0
2015477	514	Monroe-Tavernier-7-1	2004-03-13	0
2015214	514	Monroe-Tavernier-7-1	2004-04-24	0
2016624	514	Monroe-Tavernier-7-1	2004-06-20	0
2017077	514	Monroe-Tavernier-8-1	2003-04-12	0
2022831	514	Monroe-Tavernier-8-1	2003-05-16	0
2016733	514	Monroe-Tavernier-8-1	2003-06-18	0
2017085	514	Monroe-Tavernier-8-1	2003-09-18	0
2015338	514	Monroe-Tavernier-8-1	2003-10-14	0
2022832	514	Monroe-Tavernier-8-1	2003-12-24	0
2017438	514	Monroe-Tavernier-8-1	2004-03-13	0
2018465	514	Monroe-Tavernier-8-1	2004-04-24	0
2018551	514	Monroe-Tavernier-8-1	2004-05-22	0
2015612	514	Monroe-Tavernier-8-1	2004-10-23	0
2016840	514	Monroe-Tavernier-9-1	2003-06-18	0
2014830	514	Monroe-Tavernier-9-1	2003-07-16	0
2014831	514	Monroe-Tavernier-9-1	2003-09-18	0
2015047	514	Monroe-Tavernier-9-1	2003-10-14	0
2016859	514	Monroe-Tavernier-9-1	2003-11-28	0
2016860	514	Monroe-Tavernier-9-1	2004-01-17	0
2015480	514	Monroe-Tavernier-9-1	2004-02-21	0
2015216	514	Monroe-Tavernier-9-1	2004-04-24	0

Programs containing flagged data:

513 - Coastal Charlotte Harbor Monitoring Network

514 - Florida LAKEWATCH Program

Total Phosphorus

Table 14: Flagged Values - Low Indicator Quantile: 0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2042221	513	STORET_CHNEPCHP-98	2009-11-03	0
2024012	514	Gulf-Dove Field-1-1	2017-04-11	0
2039797	514	Miami-Dade-Biscayne-1-1	2001-08-11	0
1922935	514	Miami-Dade-Biscayne-3-1	2001-11-11	0
1984641	514	Monroe-Cudjoe-10-1	2014-10-31	0
1992496	514	Monroe-Cudjoe-3-1	2007-08-13	0
1992270	514	Monroe-Cudjoe-3-1	2014-10-31	0
2015805	514	Monroe-Cudjoe-9-1	2014-10-31	0
2020480	514	Monroe-Ocean Shore-2-1	2003-05-16	0
2019653	514	Monroe-Ocean Shore-2-1	2003-06-18	0
2019110	514	Monroe-Ocean Shore-2-1	2004-06-20	0
2020482	514	Monroe-Ocean Shore-2-1	2004-08-22	0
2019111	514	Monroe-Ocean Shore-2-1	2004-10-23	0
2018682	514	Monroe-Ocean Shore-3-1	2003-03-16	0
2017780	514	Monroe-Ocean Shore-3-1	2003-05-16	0
2019675	514	Monroe-Ocean Shore-3-1	2003-06-18	0
2019676	514	Monroe-Ocean Shore-3-1	2003-08-18	0
2026901	514	Monroe-Ramrod Key-4-1	2007-11-18	0
2024572	514	Monroe-Ramrod Key-4-1	2009-02-08	0
2027629	514	Monroe-Ramrod Key-5-1	2007-12-29	0
2034180	514	Monroe-Ramrod Key-5-1	2009-02-08	0
2043471	514	Monroe-Ramrod Key-9-1	2004-12-04	0
2043493	514	Monroe-Ramrod Key-9-1	2014-12-08	0
1921852	514	Monroe-Sugarloaf B-2-1	2014-10-05	0
1932729	514	Monroe-Sugarloaf F-2-1	2003-03-18	0
1931775	514	Monroe-Sugarloaf F-2-1	2014-10-05	0
1929069	514	Monroe-Sugarloaf F-3-1	2000-06-19	0
1933410	514	Monroe-Sugarloaf J-1-1	2000-06-19	0
1929159	514	Monroe-Sugarloaf J-2-1	2000-08-20	0
1931448	514	Monroe-Sugarloaf J-3-1	2000-06-19	0
1933123	514	Monroe-Sugarloaf J-3-1	2000-10-20	0
1931470	514	Monroe-Sugarloaf K-2-1	2000-05-20	0
1931647	514	Monroe-Sugarloaf N-1-1	2003-07-22	0
1931910	514	Monroe-Sugarloaf N-1-1	2009-01-03	0
1932142	514	Monroe-Sugarloaf N-1-1	2014-10-05	0
1936374	514	Monroe-Tarpon Basin-1-1	2014-10-15	0
1933712	514	Monroe-Tarpon Basin-2-1	2014-10-15	0
1932206	514	Monroe-Tarpon Basin-2-1	2015-01-17	0
1932300	514	Monroe-Tavernier-1-1	2000-12-18	0
1937592	514	Monroe-Tavernier-1-1	2001-01-24	0
1933719	514	Monroe-Tavernier-1-1	2001-05-20	0
1936005	514	Monroe-Tavernier-1-1	2002-09-26	0
1933720	514	Monroe-Tavernier-1-1	2002-11-24	0
1933721	514	Monroe-Tavernier-1-1	2002-12-26	0
1933472	514	Monroe-Tavernier-1-1	2003-02-16	0
1937868	514	Monroe-Tavernier-1-1	2003-04-12	0
1936007	514	Monroe-Tavernier-1-1	2003-05-16	0
1934579	514	Monroe-Tavernier-1-1	2003-06-18	0

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1935151	514	Monroe-Tavernier-10-1	2003-07-16	0
1935453	514	Monroe-Tavernier-10-1	2003-08-18	0
1934582	514	Monroe-Tavernier-2-1	2000-12-18	0
1937870	514	Monroe-Tavernier-2-1	2001-02-22	0
1934584	514	Monroe-Tavernier-2-1	2002-07-23	0
1938817	514	Monroe-Tavernier-2-1	2002-08-21	0
1934550	514	Monroe-Tavernier-2-1	2002-11-24	0
1936009	514	Monroe-Tavernier-2-1	2003-02-16	0
1934929	514	Monroe-Tavernier-2-1	2003-03-16	0
1935187	514	Monroe-Tavernier-2-1	2003-06-18	0
1935188	514	Monroe-Tavernier-2-1	2003-07-16	0
1937827	514	Monroe-Tavernier-3-1	2000-12-18	0
1937252	514	Monroe-Tavernier-3-1	2001-01-24	0
1934598	514	Monroe-Tavernier-3-1	2001-03-18	0
1935082	514	Monroe-Tavernier-3-1	2001-04-24	0
1935085	514	Monroe-Tavernier-3-1	2002-08-21	0
1934599	514	Monroe-Tavernier-3-1	2002-09-26	0
1935086	514	Monroe-Tavernier-3-1	2002-11-24	0
1936271	514	Monroe-Tavernier-3-1	2002-12-26	0
1936272	514	Monroe-Tavernier-3-1	2003-03-16	0
1937255	514	Monroe-Tavernier-3-1	2003-04-12	0
1933871	514	Monroe-Tavernier-3-1	2003-05-16	0
1939116	514	Monroe-Tavernier-3-1	2003-06-18	0
1933872	514	Monroe-Tavernier-3-1	2003-07-16	0
1936274	514	Monroe-Tavernier-3-1	2004-10-23	0
1940941	514	Monroe-Tavernier-4-1	2003-04-12	0
1940942	514	Monroe-Tavernier-4-1	2003-06-18	0
1940660	514	Monroe-Tavernier-4-1	2003-08-18	0
1938233	514	Monroe-Tavernier-4-1	2004-06-20	0
1940943	514	Monroe-Tavernier-4-1	2004-10-23	0
1939118	514	Monroe-Tavernier-5-1	2003-05-16	0
1933874	514	Monroe-Tavernier-5-1	2003-06-18	0
1937258	514	Monroe-Tavernier-5-1	2003-07-16	0
1936275	514	Monroe-Tavernier-5-1	2003-08-18	0
1936278	514	Monroe-Tavernier-5-1	2004-06-20	0
1939119	514	Monroe-Tavernier-5-1	2004-10-23	0
1933583	514	Monroe-Tavernier-6-1	2003-04-12	0
1940944	514	Monroe-Tavernier-6-1	2003-05-16	0
1938234	514	Monroe-Tavernier-6-1	2003-08-18	0
1933584	514	Monroe-Tavernier-6-1	2004-10-23	0
1935806	514	Monroe-Tavernier-7-1	2004-01-17	0
1935807	514	Monroe-Tavernier-7-1	2004-02-21	0
1937488	514	Monroe-Tavernier-7-1	2004-08-22	0
1938573	514	Monroe-Tavernier-8-1	2003-06-18	0
1938079	514	Monroe-Tavernier-8-1	2003-08-18	0
1936102	514	Monroe-Tavernier-8-1	2004-01-17	0
1935645	514	Monroe-Tavernier-8-1	2004-10-23	0
1940639	514	Monroe-Tavernier-9-1	2003-08-18	0
1939163	514	Monroe-Tavernier-9-1	2004-02-21	0
1944748	514	Okaloosa-CBA Niceville-1-1	2014-11-22	0

Programs containing flagged data:

513 - Coastal Charlotte Harbor Monitoring Network
514 - Florida LAKEWATCH Program

Total Suspended Solids, TSS

Table 15: Flagged Values - Low Indicator Quantile: **0.125**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2046064	3	12473A	2005-01-19 00:00:00	0.03
1993461	3	12843A	2006-09-13 00:00:00	0.10
2044805	3	9741A	2005-01-19 00:00:00	0.09
2000736	513	STORET_CHNEPMP-245	2012-09-25 00:00:00	0.05
2001807	513	STORET_CHNEPMP-258	2012-10-23 00:00:00	0.05
2004445	513	STORET_CHNEPMP-268	2012-08-23 00:00:00	0.05
2008458	513	STORET_CHNEPMP-280	2012-03-27 00:00:00	0.05
2007699	513	STORET_CHNEPMP-290	2012-11-27 00:00:00	0.05
2009723	513	STORET_CHNEPMP-291	2012-05-22 00:00:00	0.05
4012917	5002	STORET_21FLDADE_BB04	2015-03-02 00:00:00	0.07
4017836	5002	STORET_21FLDADE_BB05A	2015-03-02 00:00:00	0.08
4016398	5002	STORET_21FLDADE_BB09	2015-03-02 00:00:00	0.08
4014099	5002	STORET_21FLDADE_BB11	2015-03-02 00:00:00	0.08
4014079	5002	STORET_21FLDADE_BB14	2015-03-02 00:00:00	0.06
4019253	5002	STORET_21FLDADE_BB17	2015-03-03 00:00:00	0.05
4010826	5002	STORET_21FLDADE_BB22	2015-03-03 00:00:00	0.08
4012747	5002	STORET_21FLDADE_BB24	2015-03-03 00:00:00	0.07
4022766	5002	STORET_21FLDADE_BB31	2015-03-05 00:00:00	0.05
4017422	5002	STORET_21FLDADE_BB34	2015-03-05 00:00:00	0.11
4019223	5002	STORET_21FLDADE_BB47	2015-03-04 00:00:00	0.11
3992992	5002	STORET_21FLDADE_BL01	2010-09-15 00:00:00	0.01
3992539	5002	STORET_21FLDADE_CD01A	2015-03-05 00:00:00	0.12
3994601	5002	STORET_21FLDADE_CG01	2015-03-05 00:00:00	0.08
3966000	5002	STORET_21FLDADE_CM02	2010-09-14 00:00:00	0.01
3971804	5002	STORET_21FLDADE_CM02	2015-03-03 00:00:00	0.02
3972642	5002	STORET_21FLDADE_LR01	2010-09-13 00:00:00	0.01
3970949	5002	STORET_21FLDADE_LR01	2015-03-02 00:00:00	0.04
3979497	5002	STORET_21FLDADE_MR01	2015-03-03 00:00:00	0.08
3991040	5002	STORET_21FLDADE_SP01	2010-09-16 00:00:00	0.01
3989786	5002	STORET_21FLDADE_SP01	2015-03-05 00:00:00	0.08
4032307	5002	STORET_21FLPNS_300546728411373	2006-04-27 00:00:00	0.00
4031476	5002	STORET_21FLPNS_300743908411593	2006-04-27 00:00:00	0.00
5534217	5002	WIN_21FLMCGL_WS B	2020-06-18 11:00:00	0.10
5537322	5002	WIN_21FLMCGL_WS B	2020-06-25 10:55:00	0.10
5535646	5002	WIN_21FLMCGL_WS B	2020-07-02 11:00:00	0.10
5533736	5002	WIN_21FLMCGL_WS B	2021-01-21 10:30:00	0.10
5365160	5033	WIN_21FLCRCP_GOC008	2017-06-06 12:41:00	0.10
5490467	5033	WIN_21FLCRCP_GOC009	2016-09-27 08:23:00	0.11
5494359	5033	WIN_21FLCRCP_GOC011	2017-02-09 10:41:00	0.10
5494728	5033	WIN_21FLCRCP_GOC013	2017-03-09 09:10:00	0.10
5354658	5033	WIN_21FLCRCP_GOC014	2017-03-09 08:45:00	0.10

Programs containing flagged data:

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

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Turbidity

Table 16: Flagged Values - Low Indicator Quantile: **0.02**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1917459	297	213	1995-12-06 00:00:00	0.01
1818272	297	213	1998-05-12 00:00:00	0.00
1889884	297	213	1998-07-14 00:00:00	0.01
1800582	297	213	2003-08-07 00:00:00	0.01
1814130	297	213	2004-08-20 00:00:00	0.01
1889043	297	213	2007-09-25 13:59:08	0.00
1864693	297	213	2013-12-24 00:00:00	0.01
1852886	297	213	2015-05-15 00:00:00	0.01
1849796	297	213	2019-08-15 00:00:00	0.01
1844884	297	215	2012-05-30 00:00:00	0.01
1912861	297	215	2015-02-04 00:00:00	0.01
1863487	297	216	2020-07-07 00:00:00	0.01
1861404	297	219	2015-12-03 00:00:00	0.01
1907078	297	219	2018-11-26 00:00:00	0.01
1939840	297	219	2020-09-19 00:00:00	0.01
1786969	297	219i	1995-03-28 00:00:00	0.01
1843096	297	220	2013-01-17 00:00:00	0.01
1783860	297	221	2002-04-25 00:00:00	0.01
1884738	297	222	2014-04-25 00:00:00	0.01
1884754	297	222	2017-08-14 00:00:00	0.01
1869135	297	222	2020-09-19 00:00:00	0.01
1940673	297	222	2020-09-19 00:00:00	0.01
1810891	297	224	1996-07-24 00:00:00	0.01
1858668	297	224	2013-09-08 00:00:00	0.01
1845831	297	224	2013-09-08 00:00:00	0.01
1892451	297	225	1998-07-16 00:00:00	0.01
1888114	297	225	2007-09-25 11:35:42	0.00
1889235	297	225	2007-11-26 12:27:35	0.01
1888401	297	225	2014-07-16 00:00:00	0.01
1849859	297	225	2019-09-25 00:00:00	0.01
1939030	297	225	2020-09-20 00:00:00	0.01
1893448	297	225i	1995-03-28 00:00:00	0.01
1821494	297	228	1998-07-16 00:00:00	0.01
1865526	297	228	2013-12-24 00:00:00	0.01
1865962	297	228	2020-07-07 00:00:00	0.01
1850550	297	229	2012-08-23 00:00:00	0.00
1846114	297	231	2013-09-08 00:00:00	0.01
1890383	297	231	2014-07-17 00:00:00	0.01
1794378	297	231	2016-09-13 00:00:00	0.01
1916412	297	231	2019-09-25 00:00:00	0.01
1869445	297	231	2020-09-20 00:00:00	0.01
1806858	297	233	1996-07-24 00:00:00	0.01
1764585	297	234	2002-02-26 00:00:00	0.01
1844936	297	234	2005-10-12 00:00:00	0.01
1856293	297	234	2007-08-01 11:57:35	0.00
1938190	297	236	1996-07-23 00:00:00	0.01
1940844	297	237	1996-07-23 00:00:00	0.00
1830649	297	237	2011-01-29 00:00:00	0.01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1886850	297	237	2014-07-17 00:00:00	0.01
1944458	297	237	2016-03-03 00:00:00	0.01
1876385	297	237	2016-11-14 00:00:00	0.01
1823372	297	237	2018-02-28 00:00:00	0.01
1911059	297	237	2019-05-07 00:00:00	0.01
1941204	297	237	2020-09-20 00:00:00	0.01
1858343	297	239	2007-08-01 11:15:36	0.00
1906590	297	239	2015-02-17 00:00:00	0.01
1847881	297	239	2019-05-07 00:00:00	0.01
1806937	297	240	1996-07-23 00:00:00	0.00
1941787	297	240	1996-12-07 00:00:00	0.01
1787849	297	240	1997-04-03 00:00:00	0.01
1787982	297	240	1997-04-03 00:00:00	0.00
1786755	297	240	2002-10-30 00:00:00	0.01
1926630	297	240	2002-10-30 00:00:00	0.01
1840757	297	240	2005-10-18 00:00:00	0.01
1832759	297	242	2011-12-02 00:00:00	0.01
1785010	297	243	2002-10-30 00:00:00	0.01
1827602	297	243	2011-04-05 00:00:00	0.01
1868505	297	243	2013-12-06 00:00:00	0.01
1907787	297	243	2015-02-17 00:00:00	0.01
1900348	297	243i	1995-03-24 00:00:00	0.01
1794993	297	246	2016-09-15 00:00:00	0.01
1919238	297	246	2019-05-22 00:00:00	0.01
1845218	297	247	2012-06-05 00:00:00	0.01
1798826	297	248	2016-09-15 00:00:00	0.01
1858738	297	249	2013-09-11 00:00:00	0.01
1846275	297	249	2013-09-11 00:00:00	0.01
1910691	297	249	2015-02-17 00:00:00	0.01
1865366	297	251	2007-10-25 10:46:20	0.01
1881996	297	252	2000-09-13 00:00:00	0.01
1866356	297	252	2007-10-25 11:29:05	0.01
1883580	297	252	2014-04-24 00:00:00	0.01
1945694	297	252	2016-03-03 00:00:00	0.01
1810411	297	252	2016-11-15 00:00:00	0.01
1846777	297	252	2019-05-22 00:00:00	0.01
1863223	297	253	2007-10-25 15:54:53	0.01
1813834	297	255	2016-11-22 00:00:00	0.01
1867649	297	255	2020-07-09 00:00:00	0.01
1829223	297	256	2005-08-03 00:00:00	0.01
1816903	297	259	2005-08-03 00:00:00	0.00
1806554	297	259	2016-11-22 00:00:00	0.01
1866975	297	259	2020-10-11 00:00:00	0.01
1940757	297	259	2020-10-11 00:00:00	0.01
1830825	297	262	2011-04-13 00:00:00	0.01
1879905	297	263	2003-10-01 00:00:00	0.01
1883637	297	263	2014-04-24 00:00:00	0.01
1943333	297	263	2015-09-17 00:00:00	0.01
1821436	297	264	2011-01-29 00:00:00	0.01
1853530	297	264	2013-12-24 00:00:00	0.01
1943001	297	264	2016-03-02 00:00:00	0.01
1821786	297	264	2017-08-16 00:00:00	0.01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1849976	297	267	2013-06-24 00:00:00	0.01
1834047	297	269	2011-12-09 00:00:00	0.01
1925172	297	280	2015-06-02 00:00:00	0.01
1924638	297	280	2020-01-28 00:00:00	0.01
1863429	297	280	2020-03-27 00:00:00	0.01
1806063	297	317	2009-07-28 00:00:00	0.01
1839748	297	319	2011-07-13 00:00:00	0.01
1854087	297	331	2007-04-10 00:00:00	0.01
1845877	297	333	2012-03-24 00:00:00	0.01
1794363	297	333	2016-06-28 00:00:00	0.01
1865802	297	335	2013-09-20 00:00:00	0.01
1860305	297	335	2015-05-21 00:00:00	0.01
1941439	297	335	2015-12-15 00:00:00	0.01
1866337	297	337	2013-09-20 00:00:00	0.01
1898798	297	344	1998-07-08 00:00:00	0.01
1844087	297	345	2005-07-19 00:00:00	0.00
1891919	297	345	2007-04-11 00:00:00	0.01
1861729	297	400	2007-09-25 12:25:40	0.01
1891102	297	400	2007-09-25 12:25:40	0.00
1847908	297	400	2012-05-30 00:00:00	0.01
1863716	297	401	2007-08-01 11:41:34	0.01
1866276	297	401	2013-09-11 00:00:00	0.01
1862532	297	401	2016-03-03 00:00:00	0.01
1885264	297	401	2017-08-16 00:00:00	0.01
1919575	297	401	2019-09-25 00:00:00	0.01
1940787	297	401	2020-09-20 00:00:00	0.01
1827326	297	402	2010-10-17 00:00:00	0.00
1864281	297	402	2013-12-06 00:00:00	0.01
1866204	297	402	2016-09-15 00:00:00	0.01
1874814	297	402	2020-09-28 00:00:00	0.01
1893566	297	403	2007-08-23 12:30:31	0.01
4650503	297	WIN_21FLFWC_213-W	2015-05-15 11:27:00	0.01
4651865	297	WIN_21FLFWC_213-W	2015-05-15 11:27:00	0.01
4656374	297	WIN_21FLFWC_213-W	2016-09-12 15:32:00	0.01
4652239	297	WIN_21FLFWC_213-W	2017-05-03 11:38:00	0.01
4657365	297	WIN_21FLFWC_216-W	2020-07-07 10:41:00	0.01
4647065	297	WIN_21FLFWC_219-W	2018-11-26 11:41:00	0.01
4780662	297	WIN_21FLFWC_219-W	2020-09-19 12:46:00	0.01
4649052	297	WIN_21FLFWC_222-W	2014-04-25 14:53:00	0.01
4749035	297	WIN_21FLFWC_222-W	2017-08-14 13:23:00	0.01
4753615	297	WIN_21FLFWC_222-W	2020-09-19 13:39:00	0.01
4756274	297	WIN_21FLFWC_222-W	2020-09-19 13:39:00	0.01
4649322	297	WIN_21FLFWC_225-W	2014-07-16 13:13:00	0.01
4743796	297	WIN_21FLFWC_225-W	2020-09-20 11:31:00	0.01
4652258	297	WIN_21FLFWC_228-W	2020-07-07 13:33:00	0.01
4657167	297	WIN_21FLFWC_231-W	2014-07-17 19:29:00	0.01
4653402	297	WIN_21FLFWC_231-W	2016-09-13 15:15:00	0.01
4753856	297	WIN_21FLFWC_231-W	2020-09-20 12:27:00	0.01
4754760	297	WIN_21FLFWC_237-W	2014-07-17 18:12:00	0.01
4652435	297	WIN_21FLFWC_237-W	2015-05-19 11:22:00	0.01
4651419	297	WIN_21FLFWC_237-W	2016-11-14 12:58:00	0.01
4755963	297	WIN_21FLFWC_237-W	2017-08-16 14:29:00	0.01

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4759633	297	WIN_21FLFWC_237-W	2019-05-07 13:30:00	0.01
4756475	297	WIN_21FLFWC_237-W	2020-09-20 13:08:00	0.01
4655111	297	WIN_21FLFWC_237-W	2021-06-22 11:14:00	0.01
4656157	297	WIN_21FLFWC_237-W	2021-06-22 11:14:00	0.01
4654988	297	WIN_21FLFWC_237-W	2021-08-20 12:24:00	0.01
4778051	297	WIN_21FLFWC_239-W	2019-05-07 13:51:00	0.01
4653536	297	WIN_21FLFWC_239-W	2021-10-14 13:25:00	0.01
4756512	297	WIN_21FLFWC_246-W	2016-09-15 12:37:00	0.01
4645149	297	WIN_21FLFWC_246-W	2019-05-22 11:40:00	0.01
4645720	297	WIN_21FLFWC_246-W	2021-06-14 11:21:00	0.01
4646013	297	WIN_21FLFWC_246-W	2021-06-14 11:21:00	0.01
4759542	297	WIN_21FLFWC_248-W	2016-09-15 13:10:00	0.01
4756443	297	WIN_21FLFWC_249-W	2015-02-17 15:09:00	0.01
4761141	297	WIN_21FLFWC_249-W	2016-09-15 13:27:00	0.01
4647443	297	WIN_21FLFWC_249-W	2019-05-22 12:12:00	0.01
4762874	297	WIN_21FLFWC_252-W	2016-11-15 14:38:00	0.01
4650500	297	WIN_21FLFWC_252-W	2019-05-22 13:07:00	0.01
4653853	297	WIN_21FLFWC_255-W	2016-11-22 10:39:00	0.01
4767114	297	WIN_21FLFWC_255-W	2020-07-09 12:33:00	0.01
4758774	297	WIN_21FLFWC_256-W	2021-06-16 13:35:00	0.01
4645269	297	WIN_21FLFWC_259-W	2014-04-24 14:32:00	0.01
4743177	297	WIN_21FLFWC_259-W	2016-11-22 11:19:00	0.01
4753176	297	WIN_21FLFWC_259-W	2020-10-11 10:29:00	0.01
4753177	297	WIN_21FLFWC_259-W	2020-10-11 10:29:00	0.01
4655935	297	WIN_21FLFWC_259-W	2021-06-16 12:59:00	0.01
4758231	297	WIN_21FLFWC_263-W	2014-04-24 14:52:00	0.01
4651515	297	WIN_21FLFWC_263-W	2015-09-17 13:34:00	0.01
4755413	297	WIN_21FLFWC_267-W	2016-11-22 13:17:00	0.01
4655991	297	WIN_21FLFWC_267-W	2020-12-14 12:15:00	0.01
4647261	297	WIN_21FLFWC_267-W	2021-08-10 15:22:00	0.01
4645151	297	WIN_21FLFWC_280-W	2015-06-02 15:01:00	0.01
4645764	297	WIN_21FLFWC_280-W	2020-03-27 09:25:00	0.01
4760672	297	WIN_21FLFWC_284-W	2021-06-22 11:35:00	0.01
4765184	297	WIN_21FLFWC_287-W	2014-11-24 11:36:00	0.01
4644648	297	WIN_21FLFWC_288-W	2021-06-22 12:25:00	0.01
4648995	297	WIN_21FLFWC_333-W	2016-06-28 12:55:00	0.01
4762757	297	WIN_21FLFWC_335-W	2015-05-21 12:33:00	0.01
4766490	297	WIN_21FLFWC_401-W	2017-08-16 14:12:00	0.01
4645451	297	WIN_21FLFWC_401-W	2020-09-20 12:53:00	0.01
4645179	297	WIN_21FLFWC_401-W	2021-08-20 12:43:00	0.01
4648417	297	WIN_21FLFWC_401-W	2021-08-20 12:43:00	0.01
4761303	297	WIN_21FLFWC_402-W	2016-09-15 14:19:00	0.01
4652710	297	WIN_21FLFWC_402-W	2020-09-28 11:00:00	0.01
391026	509	132	2000-01-28 00:00:00	0.01
415763	509	135	2001-04-12 00:00:00	0.00
415982	509	4	1991-11-13 00:00:00	0.01
3744595	5002	STORET_21FLDADE_BB06	2010-08-02 00:00:00	0.01
3764387	5002	STORET_21FLDADE_BB09	2010-09-13 00:00:00	0.01
3776489	5002	STORET_21FLDADE_BB11	2015-03-02 00:00:00	0.01
3796998	5002	STORET_21FLDADE_BB14	2010-08-02 00:00:00	0.01
3795666	5002	STORET_21FLDADE_BB14	2010-09-13 00:00:00	0.01
3789781	5002	STORET_21FLDADE_BB14	2015-03-02 00:00:00	0.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3808048	5002	STORET_21FLDADE_BB17	2010-09-14 00:00:00	0.01
3694317	5002	STORET_21FLDADE_BB24	2010-09-14 00:00:00	0.01
3744578	5002	STORET_21FLDADE_BB26	2010-08-03 00:00:00	0.01
3741136	5002	STORET_21FLDADE_BB26	2010-09-14 00:00:00	0.01
3751858	5002	STORET_21FLDADE_BB27	2010-08-05 00:00:00	0.01
3707515	5002	STORET_21FLDADE_BB31	2010-08-05 00:00:00	0.01
3716712	5002	STORET_21FLDADE_BB34	2010-08-05 00:00:00	0.01
3714603	5002	STORET_21FLDADE_BB34	2015-03-05 00:00:00	0.00
3718595	5002	STORET_21FLDADE_BB36	2010-08-05 00:00:00	0.01
3717146	5002	STORET_21FLDADE_BB36	2010-09-16 00:00:00	0.01
3767487	5002	STORET_21FLDADE_BB47	2010-08-04 00:00:00	0.01
3766927	5002	STORET_21FLDADE_BB47	2010-09-15 00:00:00	0.01
3788510	5002	STORET_21FLDADE_BB48	2010-08-04 00:00:00	0.01
3714013	5002	STORET_21FLDADE_BB54	2010-08-03 00:00:00	0.01
3715713	5002	STORET_21FLDADE_BB54	2010-09-14 00:00:00	0.01
3729626	5002	STORET_21FLDADE_BISC121	2010-09-21 00:00:00	0.01
3742671	5002	STORET_21FLDADE_BISC127	2010-08-10 00:00:00	0.01
3742607	5002	STORET_21FLDADE_BISC127	2010-09-21 00:00:00	0.01
3813202	5002	STORET_21FLDADE_CD01A	2010-08-05 00:00:00	0.01
3685743	5002	STORET_21FLDADE_CG01	2010-08-05 00:00:00	0.01
3684472	5002	STORET_21FLDADE_CG01	2010-09-16 00:00:00	0.01
3683902	5002	STORET_21FLDADE_CM02	2015-03-03 00:00:00	0.02
3692231	5002	STORET_21FLDADE_FLAB01	2010-09-21 00:00:00	0.01
3750847	5002	STORET_21FLDADE_LR01	2015-03-02 00:00:00	0.00
3794167	5002	STORET_21FLDADE_OL03	2015-03-02 00:00:00	0.01
3701597	5002	STORET_21FLDADE_SP01	2015-03-05 00:00:00	0.00
3799520	5002	STORET_21FLSEAS_25SEAS370	2016-04-19 00:00:00	0.01
5432634	5002	WIN_21FLSABR_BAY-ST-EWBAY-7	2022-05-17 08:19:00	0.01
5429971	5002	WIN_21FLSABR_BAY-ST-EWBAY-7	2022-11-22 09:42:00	0.01
288984	5026	JT29	2019-07-01 00:00:00	0.01
468454	5058	PB1	2010-03-31 00:00:00	0.01

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

509 - SERC Water Quality Monitoring Network

5002 - Florida STORET / WIN

5026 - North Biscayne Bay Seagrass Loss Water Quality Program

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

High Quantile

Ammonia- Un-ionized (NH3)

Table 17: Flagged Values - High Indicator Quantile: **0.4778**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
251490	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 18: Flagged Values - High Indicator Quantile: **120.0551**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4629145	103	11NPSWRD_WQX-GUIS_MSU_BIGLAG	1994-04-01 00:00:00	492.90
4634799	103	21FLSJWM_WQX-44897	2020-12-02 00:00:00	151.92
4750213	103	21FLSJWM_WQX-44898	2020-12-02 00:00:00	175.82
4753358	303	WIN_21FLSCCF_NWR08	2019-10-23 14:35:00	193.00
2073148	476	STORET_CHV006	2016-06-06 00:00:00	150.00
4802931	479	WIN_21FLSWFD_670065	2021-07-20 09:07:00	128.00
5497962	514	WIN_21FLKWAT_GUL-DOVEFD-1	2020-04-10 07:30:00	351.00
5105935	514	WIN_21FLKWAT_PIN-SEMINOLE-1	2022-07-12 10:00:00	124.00
5108938	514	WIN_21FLKWAT_PIN-SEMINOLE-2	2022-07-12 10:30:00	131.00
4925552	514	WIN_21FLKWAT_PIN-SEMINOLE-2	2022-08-08 10:45:00	127.00
4932706	514	WIN_21FLKWAT_PIN-SEMINOLE-3	2022-08-08 11:10:00	125.00
5347667	540	WIN_21FLWQA_79SEAS172	2018-02-20 11:40:00	130.00
5226730	540	WIN_21FLWQA_79SEAS172	2018-06-19 09:30:00	130.00
5037234	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	140.00
4054977	5002	STORET_21FLGW_20077	2003-10-29 00:00:00	155.00
4055106	5002	STORET_21FLGW_20089	2003-10-29 00:00:00	150.00
4109320	5002	STORET_21FLHILL_136	2009-09-28 00:00:00	163.40
4044037	5002	STORET_21FLLOX_78	2016-08-15 00:00:00	151.60
4047967	5002	STORET_21FLLOX_78	2016-09-19 00:00:00	127.10
4124658	5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	150.00
4132608	5002	STORET_21FLTPA_275007824641	2004-05-25 00:00:00	150.00
4136679	5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	180.00
4129166	5002	STORET_21FLTPA_275020824650	2004-05-25 00:00:00	130.00
4136913	5002	STORET_21FLTPA_275054824656	2004-05-25 00:00:00	155.00
4136737	5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	190.00
4138725	5002	STORET_21FLTPA_275200824646	2004-05-25 00:00:00	150.00
4138724	5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	140.00
5305621	5002	WIN_21FLPDEM_SB-A-20-05	2020-07-23 12:18:00	128.00
5416949	5002	WIN_21FLPDEM_SB-A-22-07	2022-11-09 11:23:00	122.00
5306346	5002	WIN_21FLPDEM_SB-B-20-05	2020-07-23 11:50:00	124.00
5310046	5002	WIN_21FLPDEM_SB-B-20-05	2020-07-23 11:50:00	134.00
5414582	5002	WIN_21FLPDEM_SB-B-22-05	2022-08-02 09:53:00	123.00
5421273	5002	WIN_21FLSJWM_411653	2020-10-01 10:27:00	128.31
5421274	5002	WIN_21FLSJWM_411653	2020-11-02 10:17:00	152.90
5322879	5002	WIN_21FLSJWM_44897	2020-10-05 10:11:00	187.24
5422053	5002	WIN_21FLSJWM_44897	2020-10-28 09:17:00	189.31
5321759	5002	WIN_21FLSJWM_44897	2020-11-03 10:00:00	173.13
5323629	5002	WIN_21FLSJWM_44897	2020-11-17 09:24:00	201.27
5321760	5002	WIN_21FLSJWM_44897	2020-12-02 10:58:00	158.99
5322880	5002	WIN_21FLSJWM_44897	2020-12-02 10:58:00	151.92
5425387	5002	WIN_21FLSJWM_44898	2020-11-03 10:20:00	192.79
5426340	5002	WIN_21FLSJWM_44898	2020-12-02 11:21:00	182.87
5427031	5002	WIN_21FLSJWM_44898	2020-12-02 11:21:00	175.82
5429465	5002	WIN_21FLSJWM_471650	2020-12-02 12:04:00	126.15
5431489	5002	WIN_21FLSJWM_471650	2020-12-02 12:04:00	120.33
5306152	5002	WIN_21FLWQA_BLOOM11	2019-08-22 10:50:00	160.00
5307167	5002	WIN_21FLWQA_BLOOM11	2019-08-22 10:50:00	140.00
5449441	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	239.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5454420	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	209.00
5341897	5014	WIN_21FLGTM_GTMGL2NUT	2019-04-02 12:14:00	123.00
5496051	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	180.00
5501695	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	146.00
5342507	5014	WIN_21FLGTM_GTMGL2NUT	2021-05-10 12:11:00	125.00
5224786	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 19: Flagged Values - High Indicator Quantile: **100**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
507663	95	15873	2016-07-18 00:00:00	295.30
510620	95	16062	2016-07-18 00:00:00	290.00
499482	95	17821	2018-09-17 00:00:00	232.80
495839	95	17823	2018-09-17 00:00:00	155.50
509142	95	17868	2016-07-18 00:00:00	261.70
497182	95	18373	2013-08-01 00:00:00	105.50
495529	95	18583	2013-07-16 00:00:00	275.30
509032	95	18675	2016-07-18 00:00:00	266.90
495952	95	18815	2013-08-06 00:00:00	146.70
511626	95	18946	2016-08-15 00:00:00	123.00
507101	95	19161	2016-08-15 00:00:00	122.99
511839	95	19741	2016-08-16 00:00:00	123.01
510674	95	19848	2016-08-16 00:00:00	123.00
2018327	476	STORET_GSV006	2006-09-05 00:00:00	119.00
5192998	479	20130	2007-03-20 12:11:00	1000000.00
2019447	514	Gulf-Depot Creek-1-1	2018-04-10 00:00:00	153.00
2025257	514	Gulf-Simmons Bayou-1-1	2016-07-11 00:00:00	152.00
1996144	514	Pinellas-Seminole-2	2003-07-19 00:00:00	129.00
1994676	514	Pinellas-Seminole-2	2003-08-10 00:00:00	149.00
1996234	514	Pinellas-Seminole-2	2004-07-10 00:00:00	156.00
4066797	5002	STORET_21FLGW_35645	2008-12-22 00:00:00	110.00
4047313	5002	STORET_21FLHILL_046	2009-08-04 00:00:00	111.10
4048385	5002	STORET_21FLHILL_064	2007-09-04 00:00:00	117.10
4055573	5002	STORET_21FLHILL_065	2004-09-01 00:00:00	140.85
4050614	5002	STORET_21FLHILL_136	2000-07-19 00:00:00	179.50
4047259	5002	STORET_21FLHILL_136	2000-09-20 00:00:00	108.80
4050069	5002	STORET_21FLHILL_136	2009-09-28 00:00:00	178.80
4147455	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2003-07-19 00:00:00	159.00
4148848	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2003-08-10 00:00:00	133.00
4147454	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-07-10 00:00:00	148.00
4149249	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-12-18 00:00:00	107.00
4153037	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2003-07-19 00:00:00	129.00
4150272	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2003-08-10 00:00:00	149.00
4150271	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2004-07-10 00:00:00	156.00
4147457	5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2003-07-19 00:00:00	139.00
4148852	5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2003-08-10 00:00:00	146.00
4147456	5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2004-07-10 00:00:00	152.00
4153676	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-09-11 00:00:00	168.00
4149973	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-10-20 00:00:00	104.00
4149974	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-12-06 00:00:00	115.00
4147492	5002	STORET_21FLKWAT_PIN-SYLVIA-3	2009-01-07 00:00:00	126.00
4070250	5002	STORET_21FLLOX_78	2016-08-15 00:00:00	159.80
4070251	5002	STORET_21FLLOX_78	2016-09-19 00:00:00	132.40
4031332	5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	160.00
4033129	5002	STORET_21FLTPA_24040131	2009-10-07 00:00:00	120.00
4149167	5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	190.00
4145672	5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	190.00
4145944	5002	STORET_21FLTPA_275054824656	2009-07-28 00:00:00	110.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4148847	5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	140.00
4148119	5002	STORET_21FLTPA_280845508245483	2010-09-13 00:00:00	110.00
4071633	5002	STORET_FLPRMRWS_PR04_1102	2002-11-12 00:00:00	137.00
4068610	5002	STORET_FLPRMRWS_PR9	1998-04-21 00:00:00	119.80
5177173	10000	72	2012-07-12 00:00:00	105.00
5190879	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 20: Flagged Values - High Indicator Quantile: **714.83**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4371773	4054	gtmpcnut	2009-06-09 08:55:00	762.8
4376054	4054	gtmpcnut	2009-06-09 13:55:00	754.3
4377569	4054	gtmpcnut	2009-06-09 15:01:00	743.0
4377602	4054	gtmpcnut	2009-06-09 15:02:00	782.6
4403602	4054	gtmpcnut	2012-09-10 07:30:00	858.4
4403604	4054	gtmpcnut	2012-09-10 10:00:00	847.1
4404744	4054	gtmpcnut	2012-09-10 12:30:00	840.0
4412372	4054	gtmpcnut	2012-09-10 15:00:00	852.8
4404121	4054	gtmpcnut	2012-09-10 17:30:00	829.8
4403722	4054	gtmpcnut	2012-09-10 20:00:00	830.4
4403156	4054	gtmpcnut	2012-09-10 22:30:00	850.1
4413526	4054	gtmpcnut	2012-09-11 01:00:00	851.8
4406597	4054	gtmpcnut	2012-09-11 03:30:00	854.0
4406413	4054	gtmpcnut	2012-09-11 06:00:00	876.5
4409030	4054	gtmpcnut	2012-09-11 08:30:00	833.2
4413321	4054	gtmpcnut	2012-09-11 12:20:00	876.6
4410298	4054	gtmpcnut	2012-09-11 12:21:00	864.3
5427754	5002	WIN_21FLA_27010078	2022-03-29 13:25:00	780.0
5429047	5002	WIN_21FLA_27010078	2022-11-07 11:10:00	720.0
5325930	5002	WIN_21FLA_27010079	2020-10-15 12:35:00	880.0
5426899	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 21: Flagged Values - High Indicator Quantile: **7.93999**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
1931752	297	217	2013-09-08	8.52
1931423	297	231	2013-09-08	11.21
1930485	297	285	2013-09-06	12.72
1932109	297	287	2013-09-06	10.46
1929150	297	289	2013-09-06	12.38
1932019	297	292	2013-09-06	11.87
1933109	297	500	2013-09-08	10.53
1912721	297	501	2012-05-31	16.93
1929549	297	501	2013-09-08	26.42
1931364	297	503	2013-09-06	10.27
1930789	297	504	2013-09-11	9.00
1932448	297	506	2013-09-12	10.04
1922267	297	506	2020-01-29	11.55
4070409	5002	STORET_21FLPDEM_RB-B-06-08	2006-11-01	32.68
4070192	5002	STORET_21FLPDEM_W6-A-09-03	2009-05-14	8.08
4078349	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 22: Flagged Values - High Indicator Quantile: **5.82316**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2046677	3	12025A	2005-11-09	6.40
1991096	3	12026A	2005-07-11	11.96
2039405	3	12042A	2005-08-31	35.90
2046588	3	12043A	2012-02-22	6.40
4368793	3	12246B	2006-08-14	7.00
1992525	3	12396A	2005-07-11	8.50
2001614	3	12415A	2009-09-01	6.38
2088155	3	12424A	2010-10-20	6.02
2049385	3	12426A	2010-08-24	11.32
1995725	3	12434A	2005-08-17	10.70
2046932	3	12444A	2003-06-16	10.67
2051960	3	12446A	2005-08-31	17.00
1990916	3	12462A	2004-09-14	7.40
2050226	3	12619A	2004-11-16	7.40
2047917	3	12626A	2003-04-28	6.80
1996141	3	12647A	2005-07-11	10.34
2044891	3	12657A	2003-06-16	6.80
2045785	3	12665A	2005-08-31	13.80
2003289	3	12783A	2005-08-31	13.70
2000970	3	12841A	2005-07-11	8.35
2047106	3	12843A	2006-09-13	9.70
4478981	3	14246B	2021-12-05	6.83
4367958	3	1461B	2006-08-13	18.80
4381485	3	1509B	2012-06-05	5.96
4485778	3	1690B	2011-08-03	11.39
2039110	3	6331A	2004-12-17	8.10
2044890	3	6337A	2003-05-20	7.07
2043858	3	6340A	2001-09-24	7.80
2045889	3	6341A	2004-11-17	15.40
2045485	3	6357A	2006-01-24	7.10
2086256	3	6358A	2002-06-18	5.86
1981637	3	6359A	2002-07-17	8.12
2046794	3	6360A	2001-11-27	8.86
2003350	3	6361A	2007-05-17	13.30
2004839	3	6371A	2004-10-21	10.10
2038359	3	6373A	2005-09-01	10.60
2045890	3	6374A	2005-11-10	32.00
1985946	3	6383A	2006-09-14	10.30
2001593	3	6389A	2001-08-20	8.22
2038358	3	6396A	1998-10-15	8.90
2044395	3	6398A	2000-09-19	25.02
2045859	3	6403A	2001-10-16	11.91
2040505	3	6404A	2007-07-11	10.40
2045824	3	6405A	2010-08-25	6.36
2003439	3	6406A	2005-07-12	10.40
2045584	3	6409A	2005-01-20	8.00
2043548	3	6412A	2011-10-27	7.54
1994395	3	6418A	2007-02-13	21.10

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2049314	3	6419A	2012-02-23	7.12
2038510	3	6420A	2003-12-04	7.50
2091138	3	6421A	2008-09-16	15.20
2047596	3	6424A	2000-11-13	7.31
1978535	3	6424A	2001-01-18	10.55
1981922	3	6424A	2001-05-17	7.51
1992129	3	6429A	2001-06-14	5.92
2086016	3	6429A	2004-04-20	6.10
1999667	3	6441A	2004-09-15	11.60
1981068	3	6446A	2002-08-21	5.95
1982232	3	6454A	2003-09-30	7.21
2043363	3	6462A	1998-10-30	6.67
2085677	3	6463A	2000-12-12	8.18
2047609	3	6474A	2004-03-30	11.25
2042663	3	6480A	2004-01-14	6.02
2045538	3	6490A	2011-12-21	12.45
2044593	3	9462A	2004-11-16	11.20
2043030	3	9475A	2010-02-09	6.58
2038552	3	9486A	2004-12-14	13.50
2003019	3	9491A	2005-07-11	8.40
2001543	3	9508A	2004-10-20	10.10
2011537	3	9509A	2005-08-31	9.30
2044956	3	9530A	2003-05-19	6.90
2042339	3	9538A	2004-11-16	18.50
2046075	3	9546A	2004-12-14	44.80
2001555	3	9548A	2011-08-31	7.94
2009169	3	9549A	2003-12-03	7.60
2051113	3	9551A	2003-04-28	5.88
2095110	3	9552A	2002-07-16	7.37
2041502	3	9554A	2011-12-20	7.26
2009799	3	9555A	2005-08-31	13.00
2045069	3	9556A	2005-02-08	6.10
2003702	3	9558A	2004-10-20	20.90
2041156	3	9573A	2009-12-09	6.19
1982525	3	9575A	2009-05-06	9.50
2043862	3	9576A	2010-08-24	9.42
2000077	3	9577A	2003-11-18	8.02
1993647	3	9583A	2005-07-11	6.37
1980159	3	9586A	2003-09-29	8.02
2046422	3	9593A	2010-02-09	8.30
1986478	3	9596A	2005-06-14	9.72
2038148	3	9630A	2004-11-16	6.70
1995721	3	9646A	2005-07-11	7.83
2011822	3	9677A	2004-10-20	7.00
2005053	3	9684A	2005-08-31	17.70
2044913	3	9736A	2004-11-16	6.30
2003784	3	9739A	2003-11-18	6.45
2046076	3	9765A	2005-08-31	12.00
1990394	3	9780A	2005-07-11	6.21
4169373	5002	STORET_21FLCOLL_BLACKW	1989-04-12	69.50
4167873	5002	STORET_21FLCOLL_FAKAUCAN	1989-04-13	69.50
4173155	5002	STORET_21FLCOLL_GOODBAY	1989-04-11	69.50

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4169463	5002	STORET_21FLCOLL_HCKEST	1989-04-11	69.50
4174876	5002	STORET_21FLCOLL_MARCPAS	1989-04-11	69.50
4169732	5002	STORET_21FLCOLL_RBAY170	1989-04-11	69.50
4171904	5002	STORET_21FLCOLL_RBAY170	1989-04-11	528.92
4167688	5002	STORET_21FLCOLL_RBAY191	1989-04-11	69.50
4169437	5002	STORET_21FLCOLL_RBAY191	1989-04-11	488.10
4166198	5002	STORET_21FLCOLL_RBAY192	1989-04-11	499.11
4167689	5002	STORET_21FLCOLL_RBAY192	1989-04-11	69.50
4168674	5002	STORET_21FLCOLL_RBAY192	1989-04-11	69.50
4170015	5002	STORET_21FLCOLL_RBAY192	1989-04-11	482.78
4168020	5002	STORET_21FLCOLL_RBAY205	1989-04-11	69.50
4172747	5002	STORET_21FLCOLL_RBAY205	1989-04-11	467.48
4169074	5002	STORET_21FLCOLL_RBAY206	1989-04-11	472.47
4169933	5002	STORET_21FLCOLL_RBAY206	1989-04-11	69.50
4169820	5002	STORET_21FLCOLL_ROOKERY2	1989-04-11	69.50
4171908	5002	STORET_21FLCOLL_ROOKERY2	1989-04-11	555.47
4197681	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 23: Flagged Values - High Indicator Quantile: **0.81951**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4316446	5002	STORET_21FLEECO_PI-03	2013-07-22	1.90
4258512	5002	STORET_21FLMANA_FC1	2007-01-10	0.96
4257023	5002	STORET_21FLMANA_FC1	2007-12-19	1.15
4258797	5002	STORET_21FLMANA_FC1	2008-01-24	1.50
4258172	5002	STORET_21FLMANA_FC1	2008-04-02	1.10
4256257	5002	STORET_21FLMANA_FC1	2009-12-15	0.83
4256258	5002	STORET_21FLMANA_FC1	2010-01-06	0.83
4258165	5002	STORET_21FLMANA_FC1	2011-01-19	1.70
4419453	5002	STORET_21FLSUW_JEF64991	1999-06-04	0.95
4422818	5002	STORET_21FLSUW_STR010C1	1999-07-06	1.00
4424020	5002	STORET_21FLSUW_SUW275C1	1990-05-15	0.86
4424250	5002	STORET_21FLSUW_SUW305C1	1990-05-15	0.82
4422459	5002	STORET_21FLSUW_SUW410C1	1990-05-15	0.84
4436460	5002	STORET_21FLWQSP_APALACH2	2013-04-03	5.00
4436092	5002	STORET_21FLWQSP_IRSL1	2013-03-28	2.50
4437745	5002	STORET_21FLWQSP_IRSL2	2013-03-28	2.50
4435161	5002	STORET_21FLWQSP_ML1	2013-04-03	5.00
4438086	5002	STORET_21FLWQSP_WACASAS1	2013-04-02	2.50

Programs containing flagged data:

5002 - Florida STORET / WIN

Nitrite (N)

Table 24: Flagged Values - High Indicator Quantile: **0.0819**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5055012	4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:40:00	0.19
5050618	4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:45:00	0.19
5054409	4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:26:00	0.09
5054985	4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:30:00	0.10
5055010	4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:15:00	0.11
5054190	4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:17:00	0.11
5050620	4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:34:00	0.08
4285911	5002	STORET_21FLEECO_48-10GR	1992-07-17 00:00:00	0.12
4342654	5002	STORET_21FLEECO_CH-AD50572	2017-08-29 00:00:00	0.14
4338439	5002	STORET_21FLEECO_CH-AD50580	2017-08-29 00:00:00	0.13
4339046	5002	STORET_21FLEECO_CH-AD52976	2017-09-25 00:00:00	0.20
4343468	5002	STORET_21FLEECO_CH-AD52978	2017-09-25 00:00:00	0.20
4339692	5002	STORET_21FLEECO_CH-AD52979	2017-09-25 00:00:00	0.14
4345221	5002	STORET_21FLEECO_CH-AD52980	2017-09-25 00:00:00	0.18
4340189	5002	STORET_21FLEECO_CH-AD52981	2017-09-25 00:00:00	0.16
4343592	5002	STORET_21FLEECO_CH-AD52982	2017-09-25 00:00:00	0.10
4398490	5002	STORET_21FLSFWM_HR1	2008-09-22 00:00:00	0.15
4398523	5002	STORET_21FLSFWM_HR1	2011-09-19 00:00:00	0.16
4398502	5002	STORET_21FLSFWM_HR1	2014-10-13 00:00:00	0.09
4464290	5002	STORET_21FLSUW_SUW305C1	1991-05-14 00:00:00	0.34
5493611	5002	WIN_21FLSFWM_9552	2022-12-13 09:36:00	0.09
5362870	5033	WIN_21FLCRCP_BAK030	2018-04-04 12:55:00	0.09
5363738	5033	WIN_21FLCRCP_PEV050	2020-11-12 07:35:00	0.09
5455817	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 25: Flagged Values - High Indicator Quantile: **2.7**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4291988	5002	STORET_21FLHILL_046	2000-09-05	2.87
4374494	5002	STORET_21FLHILL_136	2000-07-19	3.94
4380895	5002	STORET_21FLHILL_136	2003-08-13	4.00
4375545	5002	STORET_21FLHILL_136	2009-11-09	2.76
4292385	5002	STORET_21FLLOX_62	2005-05-10	3.93
4293065	5002	STORET_21FLLOX_62	2005-09-21	3.06
4292150	5002	STORET_21FLLOX_62	2005-11-16	2.71

Programs containing flagged data:

5002 - Florida STORET / WIN

NO2+3 Filtered

Table 26: Flagged Values - High Indicator Quantile: **3.30034**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4379336	3	1038B	2019-09-24	12.71
4372067	3	1194B	2015-04-14	8.55
2056647	3	12026A	2005-07-11	16.00
2022670	3	12033A	2008-09-15	3.40
2066895	3	12036A	2007-02-12	6.40
2004691	3	12039A	2010-02-09	8.34
2000639	3	12042A	2005-08-31	16.00
2060011	3	12060A	2005-06-14	14.40
2030291	3	12063A	2006-08-09	5.30
4377488	3	12301B	2009-04-20	3.51
4378935	3	12304B	2019-09-23	4.02
4376679	3	12333B	2010-03-08	5.45
4426656	3	12357B	2011-04-04	7.31
2030072	3	12379A	2012-06-12	9.90
2028527	3	12383A	2006-08-09	25.80
2019268	3	12395A	2008-09-15	4.50
2061415	3	12396A	2005-07-11	4.94
2073599	3	12400A	2007-02-12	16.30
2016718	3	12402A	2012-02-22	4.07
2002848	3	12406A	2007-10-17	8.90
2012992	3	12408A	2010-05-03	5.28
2066070	3	12415A	2009-09-01	4.53
2019017	3	12416A	2006-09-13	19.00
2029963	3	12424A	2010-10-20	3.92
2029809	3	12426A	2010-08-24	4.40
2063903	3	12431A	2005-06-14	11.00
2065235	3	12434A	2005-08-17	7.40
2033841	3	12438A	2002-07-16	9.19
2030661	3	12444A	2003-06-16	3.95
1999564	3	12446A	2005-08-31	12.80
2060584	3	12462A	2004-09-14	4.50
1994768	3	12467A	2007-07-10	5.50
2012372	3	12482A	2010-02-09	8.85
2013173	3	12529A	2005-11-09	4.00
2020132	3	12598A	2008-09-15	6.00
2030071	3	12604A	2012-06-12	4.75
2012394	3	12605A	2010-02-09	7.45
2028872	3	12609A	2010-10-20	4.72
2070717	3	12611A	2007-02-12	12.80
2067346	3	12613A	2005-06-14	3.99
1994691	3	12619A	2004-11-16	13.90
2049184	3	12628A	2003-09-29	7.19
2011325	3	12631A	2005-11-09	5.40
2019603	3	12633A	2006-09-13	17.50
2062165	3	12639A	2006-11-01	4.20
2028627	3	12643A	2006-08-09	7.50
2067923	3	12647A	2005-07-11	4.14
2068613	3	12651A	2004-09-14	6.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2018875	3	12654A	2002-07-16	6.99
2066069	3	12655A	2009-09-01	8.61
2028165	3	12657A	2003-06-16	6.12
2001086	3	12665A	2005-08-31	20.30
2066469	3	12666A	2003-11-18	12.05
2066259	3	12771A	2007-05-16	5.60
1991635	3	12772A	2011-10-26	5.07
2066157	3	12779A	2009-11-03	11.57
2067928	3	12783A	2005-08-31	15.40
2068513	3	12818A	2007-02-12	12.30
2000902	3	12831A	2010-02-09	8.56
2069774	3	12841A	2005-07-11	3.82
4371349	3	1297B	2015-04-14	8.86
4439107	3	14237B	2021-08-01	5.17
4436309	3	14259B	2021-08-01	6.32
4435799	3	14318B	2021-08-01	4.40
4430174	3	14322B	2021-08-01	6.75
4439108	3	14341B	2021-08-01	4.28
4440471	3	14424B	2021-08-01	5.50
4440671	3	14439B	2021-07-31	5.20
4434928	3	14448B	2021-08-01	3.83
4430745	3	14455B	2021-07-31	5.29
4431117	3	14490B	2021-07-31	3.40
4431369	3	14548B	2021-07-31	4.73
4438066	3	14556B	2021-07-31	5.47
4384094	3	1530B	2019-09-24	3.66
4369704	3	1547B	2015-04-14	8.92
4435225	3	15593B	2021-08-03	4.61
4376420	3	1846B	2009-04-21	4.35
4371992	3	2013B	2015-06-02	8.64
4367889	3	2355B	2015-06-02	3.79
4369815	3	2420B	2015-06-02	8.21
4369705	3	2949B	2015-06-01	9.18
4378323	3	301B	2019-09-24	3.33
4376287	3	302B	2009-04-21	4.44
2016639	3	4137A	1998-12-09	3.34
4372192	3	424B	2015-07-28	4.53
4372190	3	434B	2015-04-14	8.88
4377864	3	437B	2017-10-10	11.99
4370560	3	4671B	2015-04-13	7.76
4427164	3	5738B	2012-06-04	7.26
2001497	3	6331A	2004-12-17	4.10
2030726	3	6347A	2005-03-09	6.50
2017430	3	6349A	2005-02-09	3.70
2002356	3	6360A	2001-11-27	4.02
2014397	3	6392A	2010-02-10	9.30
2028952	3	6405A	2010-08-25	3.31
2015957	3	6409A	2005-01-20	4.60
2030977	3	6416A	2012-06-13	4.37
2066258	3	6418A	2007-02-13	11.50
2022851	3	6419A	2012-02-23	5.95
2028500	3	6453A	2012-04-19	6.82

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2018017	3	6474A	2004-03-30	9.44
2014933	3	6490A	2011-12-21	5.73
4368399	3	6821B	2015-04-13	7.13
4376459	3	704B	2017-10-10	14.60
2011431	3	9475A	2010-02-09	8.81
2068486	3	9477A	2007-02-12	7.40
2069092	3	9509A	2005-08-31	7.00
2068488	3	9520A	2009-09-01	7.23
2028703	3	9542A	2012-06-12	4.45
2076364	3	9555A	2005-08-31	9.60
2065868	3	9585A	2007-02-12	7.20
4378389	3	9604B	2019-11-18	4.08
1994033	3	9630A	2004-11-16	4.50
2069821	3	9641A	2003-11-18	9.66
2065233	3	9675A	2007-05-16	7.20
2067450	3	9684A	2005-08-31	4.60
2004837	3	9697A	2005-11-09	6.20
2004341	3	9698A	2010-02-09	7.49
2070823	3	9739A	2003-11-18	14.99
2015701	3	9740A	2010-07-07	21.03
2011038	3	9744A	2007-10-17	10.70
2003371	3	9745A	2004-12-14	4.60
2033789	3	9748A	2010-10-20	3.57
2000801	3	9765A	2005-08-31	3.50
2009513	3	9767A	2010-02-09	7.53
4370061	3	978B	2015-04-14	7.63
2053338	476	STORET_CHV006	2009-07-06	300.00
4186055	5002	STORET_21FLNWFD_S570	2001-02-27	33.00
4192448	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 27: Flagged Values - High Indicator Quantile: **0.77963**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
2033105	3	12415A	2009-09-01 00:00:00	1.04
4477714	3	14025B	2009-08-26 00:00:00	1.57
4373447	3	14046B	2004-10-19 00:00:00	2.20
4419869	3	15295B	2021-08-02 00:00:00	1.77
4370322	3	1817B	1999-08-04 00:00:00	2.50
4368401	3	2067B	1999-08-04 00:00:00	1.60
4422791	3	2354B	2015-07-28 00:00:00	0.92
4421248	3	437B	2017-10-10 00:00:00	0.81
4477902	3	609B	2000-04-18 00:00:00	0.84
2037571	3	6438A	2009-09-02 00:00:00	0.83
4424280	3	704B	2017-10-10 00:00:00	1.01
2072937	3	9506A	2006-01-23 00:00:00	0.94
2035117	3	9532A	2009-09-01 00:00:00	0.95
2078756	3	9569A	2006-01-23 00:00:00	1.10
2071339	3	9582A	2006-05-03 00:00:00	2.00
4941602	355	apacpnut	2018-10-23 08:37:00	9.00
5154527	355	apacpnut	2019-03-25 10:35:00	6.60
5146600	355	apadbnut	2019-03-25 14:18:00	6.20
4939542	355	apaebnut	2018-10-23 08:02:00	19.00
5130464	355	apaebnut	2019-03-25 08:55:00	8.20
5158070	355	apaesnut	2018-10-23 08:00:00	20.00
4944414	355	apaesnut	2019-03-25 08:53:00	7.60
2012116	513	STORET_CHNEPLLB-85	2003-06-24 00:00:00	3.07
2012570	513	STORET_CHNEPTMR-22	2003-08-05 00:00:00	1.58
4272524	5002	STORET_21FLA_G4NE0002	2016-06-02 00:00:00	4.50
4271537	5002	STORET_21FLBREV_MR03	2000-10-25 00:00:00	20.00
4440696	5002	STORET_21FLBREV_MR03	2002-08-28 00:00:00	20.00
4271555	5002	STORET_21FLBREV_MR03	2005-04-13 00:00:00	0.89
4326228	5002	STORET_21FLMANA_FC1	2009-08-19 00:00:00	0.92
4329962	5002	STORET_21FLMANA_FC1	2009-09-29 00:00:00	0.80
4318886	5002	STORET_21FLMANA_FC1	2010-05-11 00:00:00	2.12
4320602	5002	STORET_21FLMANA_FC1	2010-06-29 00:00:00	0.82
4326892	5002	STORET_21FLMANA_FC1	2012-06-12 00:00:00	0.91
4320513	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	1.05
4328285	5002	STORET_21FLMANA_FC1	2015-02-03 00:00:00	0.79
4328286	5002	STORET_21FLMANA_FC1	2015-05-07 00:00:00	0.78
4334915	5002	STORET_21FLMANA_FC1	2015-08-04 00:00:00	0.78
4256453	5002	STORET_21FLPDEM_W4-D-10-07	2010-10-19 00:00:00	3.40
4291149	5002	STORET_21FLSFWM_HR1	2004-09-20 00:00:00	0.88
4295348	5002	STORET_21FLSUW_SRE040C1	1996-05-16 00:00:00	0.96
4306649	5002	STORET_21FLSUW_SRE050C1	1996-05-16 00:00:00	0.82
4311598	5002	STORET_21FLSUW_SRE070C1	1996-05-16 00:00:00	0.92
4310328	5002	STORET_21FLSUW_SRE080C1	1996-05-16 00:00:00	1.00
4319068	5002	STORET_FLPRMRWS_PR10	2001-09-26 00:00:00	0.82
4314028	5002	STORET_FLPRMRWS_PR10	2004-08-25 00:00:00	0.96
4314651	5002	STORET_FLPRMRWS_PR10	2004-08-25 00:00:00	1.25
4319030	5002	STORET_FLPRMRWS_PR10	2004-09-23 00:00:00	0.96
4315175	5002	STORET_FLPRMRWS_PR10	2004-09-23 00:00:00	0.84

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4313911	5002	STORET_FLPRMRWS_PR10	2004-10-21 00:00:00	1.11
4319025	5002	STORET_FLPRMRWS_PR10	2004-10-21 00:00:00	1.30
4313910	5002	STORET_FLPRMRWS_PR10	2006-09-21 00:00:00	1.01
4319735	5002	STORET_FLPRMRWS_PR101_0904	2004-09-08 00:00:00	0.79
4223272	5002	STORET_FLPRMRWS_PR103_1104	2004-11-10 00:00:00	0.86
4219775	5002	STORET_FLPRMRWS_PR103_1204	2004-12-08 00:00:00	0.79
4229301	5002	STORET_FLPRMRWS_PR9	2007-07-30 00:00:00	0.93
4229323	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 28: Flagged Values - High Indicator Quantile: **5.39975**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4684550	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
4749383	303	WIN_21FLSCCF_GS01	2022-06-01 14:45:00	12.80
4655709	303	WIN_21FLSCCF_GS02	2022-06-01 14:32:00	19.90
2017217	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
4104488	5002	STORET_21FLCOLL_BLACKW	1989-06-26 00:00:00	893.00
4104490	5002	STORET_21FLCOLL_BLACKW	1990-04-17 00:00:00	712.00
4103728	5002	STORET_21FLCOLL_BLACKW	1991-04-09 00:00:00	280.00
4106162	5002	STORET_21FLCOLL_BLACKW13	1995-05-01 00:00:00	6600.00
4105292	5002	STORET_21FLCOLL_CC059	2014-07-02 00:00:00	1540.00
4107822	5002	STORET_21FLCOLL_EMARCOBY	1995-05-03 00:00:00	5.40
4103816	5002	STORET_21FLCOLL_FAKAUCAN	1989-06-26 00:00:00	379.00
4104891	5002	STORET_21FLCOLL_FAKAUCAN	1990-04-17 00:00:00	155.00
4109195	5002	STORET_21FLCOLL_FAKAUCAN	1991-04-08 00:00:00	155.00
4106338	5002	STORET_21FLCOLL_FAKAUCAN	1995-05-01 00:00:00	610.00
4104440	5002	STORET_21FLCOLL_GOODBAY	1989-06-27 00:00:00	518.00
4106172	5002	STORET_21FLCOLL_GOODBAY	1990-04-19 00:00:00	639.00
4108127	5002	STORET_21FLCOLL_GOODBAY	1991-04-21 00:00:00	1425.00
4106795	5002	STORET_21FLCOLL_GULLIVAN	1995-05-02 00:00:00	6.20
4105892	5002	STORET_21FLCOLL_HCKEST	1989-06-27 00:00:00	784.00
4107152	5002	STORET_21FLCOLL_HCKEST	1990-04-18 00:00:00	375.00
4106584	5002	STORET_21FLCOLL_HCKEST	1991-04-26 00:00:00	180.00
4106691	5002	STORET_21FLCOLL_HNDRCRK	1995-05-04 00:00:00	15.00
4110111	5002	STORET_21FLCOLL_LKMRCOSH	1995-05-04 00:00:00	16.00
4109718	5002	STORET_21FLCOLL_MARCPAS	1990-04-19 00:00:00	528.00
4108459	5002	STORET_21FLCOLL_MARCPAS	1991-04-25 00:00:00	275.00
4112051	5002	STORET_21FLCOLL_PORTAUPR	1995-05-04 00:00:00	7.70
4109454	5002	STORET_21FLCOLL_ROOKERY2	1989-06-27 00:00:00	76.00
4110504	5002	STORET_21FLCOLL_ROOKERY2	1990-04-18 00:00:00	444.00
4109456	5002	STORET_21FLCOLL_ROOKERY2	1991-04-25 00:00:00	195.00
4084209	5002	STORET_21FLEECO_48-10GR	1996-07-22 00:00:00	9.30
4123404	5002	STORET_21FLEECO_AC48993	2009-09-28 00:00:00	10.00
4083694	5002	STORET_21FLEECO_PI-13	1996-11-05 00:00:00	11.12
4068888	5002	STORET_21FLGW_22550	2004-10-20 00:00:00	30000.00
4076347	5002	STORET_21FLGW_22551	2004-10-21 00:00:00	24000.00
4073345	5002	STORET_21FLGW_22556	2004-10-21 00:00:00	2400.00
4069690	5002	STORET_21FLGW_22559	2004-10-20 00:00:00	28000.00
4072454	5002	STORET_21FLGW_22560	2004-10-20 00:00:00	22000.00
4069876	5002	STORET_21FLGW_22565	2004-10-21 00:00:00	6800.00
4073290	5002	STORET_21FLGW_22567	2004-10-20 00:00:00	16000.00
4068059	5002	STORET_21FLGW_22568	2004-10-20 00:00:00	1500.00
4072420	5002	STORET_21FLGW_22573	2004-10-21 00:00:00	1800.00
4074378	5002	STORET_21FLGW_22575	2004-10-21 00:00:00	7200.00
4074606	5002	STORET_21FLGW_22576	2004-10-21 00:00:00	2400.00
4071838	5002	STORET_21FLGW_22579	2004-10-20 00:00:00	24000.00
4083925	5002	STORET_21FLGW_34960	2008-07-30 00:00:00	29000.00
4090292	5002	STORET_21FLGW_35622	2008-11-17 00:00:00	10000.00
4091799	5002	STORET_21FLGW_35628	2008-12-04 00:00:00	1700.00
4090031	5002	STORET_21FLGW_35629	2008-12-04 00:00:00	13000.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4091004	5002	STORET_21FLGW_35631	2008-12-04 00:00:00	860.00
4092858	5002	STORET_21FLGW_35633	2008-12-04 00:00:00	11000.00
4088772	5002	STORET_21FLGW_35634	2008-12-04 00:00:00	1300.00
4091082	5002	STORET_21FLGW_35637	2008-12-04 00:00:00	1600.00
4092273	5002	STORET_21FLGW_35641	2008-12-22 00:00:00	720.00
4091533	5002	STORET_21FLGW_35642	2008-12-22 00:00:00	710.00
4091982	5002	STORET_21FLGW_35643	2008-12-16 00:00:00	22000.00
4090784	5002	STORET_21FLGW_35646	2008-12-22 00:00:00	3200.00
4094232	5002	STORET_21FLGW_35648	2008-12-22 00:00:00	1800.00
4091540	5002	STORET_21FLGW_38925	2010-06-08 00:00:00	26000.00
4091912	5002	STORET_21FLGW_39475	2010-12-09 00:00:00	35000.00
4097462	5002	STORET_21FLGW_39727	2011-01-12 00:00:00	21000.00
4098035	5002	STORET_21FLGW_40724	2011-07-12 00:00:00	27000.00
4090610	5002	STORET_21FLGW_41629	2012-05-15 00:00:00	16000.00
4099095	5002	STORET_21FLGW_42534	2012-10-02 00:00:00	23000.00
4101096	5002	STORET_21FLGW_45445	2014-04-09 00:00:00	27000.00
4101154	5002	STORET_21FLGW_48193	2015-10-28 00:00:00	7300.00
4034199	5002	STORET_21FLMANA_BH1	2001-11-08 00:00:00	20.08
4033375	5002	STORET_21FLMANA_BH1	2001-11-13 00:00:00	6.39
4055218	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	6.37
4072037	5002	STORET_21FLPDEM_SA 26-08	2002-07-10 00:00:00	5.48
4072902	5002	STORET_21FLPDEM_SA-A-09-02	2009-04-02 00:00:00	6.50
4083593	5002	STORET_21FLPDEM_SA-B-09-02	2009-04-02 00:00:00	6.17
4082177	5002	STORET_21FLPDEM_SB 26-02	2000-06-28 00:00:00	5.90
4082176	5002	STORET_21FLPDEM_SB 26-02	2002-07-10 00:00:00	5.63
4086162	5002	STORET_21FLPDEM_SB 26-1B	2000-05-31 00:00:00	5.50
4085650	5002	STORET_21FLPDEM_SB 26-1B	2006-05-10 00:00:00	6.39
4086282	5002	STORET_21FLPDEM_SB 26-1B	2006-07-10 00:00:00	6.83
4086283	5002	STORET_21FLPDEM_SB 26-1B	2006-08-07 00:00:00	5.45
4086073	5002	STORET_21FLPDEM_SB 26-5B	2000-05-31 00:00:00	5.54
4089628	5002	STORET_21FLPDEM_SB 26-5B	2000-06-28 00:00:00	7.60
4086093	5002	STORET_21FLPDEM_SB 26-5B	2002-07-10 00:00:00	5.46
4092939	5002	STORET_21FLPDEM_SB-A-09-03	2009-05-21 00:00:00	5.44
4160188	5002	STORET_21FLSJWM_GAR	2010-09-22 00:00:00	13.33
4173331	5002	STORET_21FLSUW_SUW275C1	1994-12-08 00:00:00	5.90
4198795	5002	STORET_21FLTPA_24010113	2005-10-31 00:00:00	39.00
4155335	5002	STORET_FLPRMRWS_PR9	2003-09-23 00:00:00	5.45
5431684	5002	WIN_21FLCOBS_CBS 25	2022-06-14 11:10:00	57.90
5468774	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.60
5360688	5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	6.75
5351791	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 29: Flagged Values - High Indicator Quantile: **4.24885**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4664700	303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.70
4762253	303	WIN_21FLSCCF_GS01	2022-06-01 14:45:00	12.80
4911967	303	WIN_21FLSCCF_GS02	2022-06-01 14:32:00	19.90
5547179	476	STORET_CHV006	2009-07-06 00:00:00	302.30
4806723	479	20941	2007-03-20 11:00:00	1000.00
5170766	479	670089	2008-10-08 10:33:00	4.44
2012812	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.10
2015364	513	STORET_CHNEPTMR-42	2005-07-05 00:00:00	4.44
5626121	4058	74-2018-01-01	2020-05-27 10:06:00	4.90
5573219	5002	STORET_21FLBREV_BRMIC06	2006-03-30 00:00:00	4.40
5543830	5002	STORET_21FLCOLL_CC059	2014-07-02 00:00:00	1540.44
4028981	5002	STORET_21FLEECO_48-10GR	1996-07-22 00:00:00	9.43
4091394	5002	STORET_21FLEECO_AC48993	2009-09-28 00:00:00	10.00
4101889	5002	STORET_21FLEECO_AC73810	2011-08-08 00:00:00	5.10
4121105	5002	STORET_21FLEECO_EB-01	1991-12-02 00:00:00	4.69
4032797	5002	STORET_21FLEECO_PI-13	1996-11-05 00:00:00	11.12
4037276	5002	STORET_21FLEECO_PI-13	2001-02-13 00:00:00	4.34
5556199	5002	STORET_21FLGW_10372	2001-07-18 00:00:00	4.80
4103616	5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-12-18 00:00:00	5.42
4108272	5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2005-05-14 00:00:00	6.03
5581120	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	6.40
5563579	5002	STORET_21FLNWFD_A10	2001-02-21 00:00:00	4.30
5580322	5002	STORET_21FLPDEM_SA 26-08	1999-06-02 00:00:00	4.46
5569663	5002	STORET_21FLPDEM_SA 26-08	2000-05-03 00:00:00	4.31
5569687	5002	STORET_21FLPDEM_SA 26-08	2000-05-31 00:00:00	4.43
5569078	5002	STORET_21FLPDEM_SA 26-08	2000-06-28 00:00:00	5.11
5565674	5002	STORET_21FLPDEM_SA 26-08	2001-03-07 00:00:00	4.44
5559476	5002	STORET_21FLPDEM_SA 26-08	2002-02-06 00:00:00	4.42
5559040	5002	STORET_21FLPDEM_SA 26-08	2002-03-05 00:00:00	4.84
5558480	5002	STORET_21FLPDEM_SA 26-08	2002-04-03 00:00:00	4.40
5565810	5002	STORET_21FLPDEM_SA 26-08	2002-05-29 00:00:00	4.31
5547189	5002	STORET_21FLPDEM_SA 26-08	2002-06-26 00:00:00	4.60
5549740	5002	STORET_21FLPDEM_SA 26-08	2002-07-10 00:00:00	5.50
5564077	5002	STORET_21FLPDEM_SA 26-08	2002-08-21 00:00:00	4.40
5580041	5002	STORET_21FLPDEM_SA 26-10	1999-06-02 00:00:00	4.27
5570883	5002	STORET_21FLPDEM_SA 26-10	2000-05-03 00:00:00	4.26
5570572	5002	STORET_21FLPDEM_SA 26-10	2000-05-31 00:00:00	4.63
5570651	5002	STORET_21FLPDEM_SA 26-10	2000-06-28 00:00:00	4.41
5564066	5002	STORET_21FLPDEM_SA 26-10	2002-02-06 00:00:00	4.61
5552927	5002	STORET_21FLPDEM_SA 26-10	2002-03-05 00:00:00	4.43
5566002	5002	STORET_21FLPDEM_SA 26-10	2002-05-29 00:00:00	4.38
5586863	5002	STORET_21FLPDEM_SA 26-10	2002-06-26 00:00:00	4.44
5564281	5002	STORET_21FLPDEM_SA 26-10	2002-08-21 00:00:00	4.33
5569768	5002	STORET_21FLPDEM_SA 26-9B	2000-05-31 00:00:00	4.40
5556423	5002	STORET_21FLPDEM_SA 26-9B	2000-06-28 00:00:00	5.10
5578044	5002	STORET_21FLPDEM_SA 26-9B	2001-03-07 00:00:00	4.43
5551771	5002	STORET_21FLPDEM_SA 26-9B	2002-02-06 00:00:00	4.26
5588278	5002	STORET_21FLPDEM_SA 26-9B	2002-03-05 00:00:00	5.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5552866	5002	STORET_21FLPDEM_SA 26-9B	2002-05-29 00:00:00	4.40
5562841	5002	STORET_21FLPDEM_SA 26-9B	2002-06-26 00:00:00	4.53
5561784	5002	STORET_21FLPDEM_SA 26-9B	2002-07-10 00:00:00	5.15
5587184	5002	STORET_21FLPDEM_SA 26-9B	2002-08-21 00:00:00	4.50
5576794	5002	STORET_21FLPDEM_SA-A-05-08	2005-10-19 00:00:00	4.59
5570331	5002	STORET_21FLPDEM_SA-A-09-02	2009-04-02 00:00:00	6.52
5571094	5002	STORET_21FLPDEM_SA-A-12-03	2012-05-21 00:00:00	4.59
5579796	5002	STORET_21FLPDEM_SA-B-05-08	2005-10-19 00:00:00	4.72
5573182	5002	STORET_21FLPDEM_SA-B-09-02	2009-04-02 00:00:00	6.19
5581833	5002	STORET_21FLPDEM_SA-B-12-03	2012-05-21 00:00:00	4.25
5580008	5002	STORET_21FLPDEM_SB 26-02	1999-03-10 00:00:00	4.30
5565124	5002	STORET_21FLPDEM_SB 26-02	2000-05-03 00:00:00	4.50
5582901	5002	STORET_21FLPDEM_SB 26-02	2000-05-31 00:00:00	5.09
5571025	5002	STORET_21FLPDEM_SB 26-02	2000-06-28 00:00:00	5.91
5567534	5002	STORET_21FLPDEM_SB 26-02	2001-03-07 00:00:00	4.28
5571280	5002	STORET_21FLPDEM_SB 26-02	2001-05-02 00:00:00	4.36
5570267	5002	STORET_21FLPDEM_SB 26-02	2002-03-05 00:00:00	4.47
5639766	5002	STORET_21FLPDEM_SB 26-02	2002-05-01 00:00:00	4.36
5555689	5002	STORET_21FLPDEM_SB 26-02	2002-05-29 00:00:00	5.04
5639305	5002	STORET_21FLPDEM_SB 26-02	2002-06-26 00:00:00	5.22
5566646	5002	STORET_21FLPDEM_SB 26-02	2002-07-10 00:00:00	5.65
5566647	5002	STORET_21FLPDEM_SB 26-02	2002-08-21 00:00:00	4.54
5580242	5002	STORET_21FLPDEM_SB 26-06	1999-03-10 00:00:00	4.33
5582617	5002	STORET_21FLPDEM_SB 26-06	2000-05-31 00:00:00	4.98
5584929	5002	STORET_21FLPDEM_SB 26-06	2000-06-28 00:00:00	5.01
5570227	5002	STORET_21FLPDEM_SB 26-06	2001-05-30 00:00:00	4.54
5566305	5002	STORET_21FLPDEM_SB 26-06	2002-05-01 00:00:00	4.86
5564081	5002	STORET_21FLPDEM_SB 26-06	2002-05-29 00:00:00	4.50
5546792	5002	STORET_21FLPDEM_SB 26-06	2002-06-26 00:00:00	4.83
5550118	5002	STORET_21FLPDEM_SB 26-06	2002-07-10 00:00:00	5.25
5570886	5002	STORET_21FLPDEM_SB 26-1B	1999-04-07 00:00:00	4.39
5582902	5002	STORET_21FLPDEM_SB 26-1B	1999-05-12 00:00:00	4.36
5580638	5002	STORET_21FLPDEM_SB 26-1B	2000-05-03 00:00:00	4.27
5580740	5002	STORET_21FLPDEM_SB 26-1B	2000-05-31 00:00:00	5.52
5580094	5002	STORET_21FLPDEM_SB 26-1B	2001-03-07 00:00:00	4.47
5553450	5002	STORET_21FLPDEM_SB 26-1B	2002-03-05 00:00:00	4.26
5552640	5002	STORET_21FLPDEM_SB 26-1B	2002-05-01 00:00:00	4.85
5549917	5002	STORET_21FLPDEM_SB 26-1B	2002-05-29 00:00:00	4.52
5556798	5002	STORET_21FLPDEM_SB 26-1B	2002-06-26 00:00:00	5.16
5566644	5002	STORET_21FLPDEM_SB 26-1B	2002-07-10 00:00:00	5.23
5555255	5002	STORET_21FLPDEM_SB 26-1B	2002-08-21 00:00:00	4.37
5571825	5002	STORET_21FLPDEM_SB 26-1B	2006-05-10 00:00:00	6.41
5567535	5002	STORET_21FLPDEM_SB 26-1B	2006-07-10 00:00:00	6.85
5571884	5002	STORET_21FLPDEM_SB 26-1B	2006-08-07 00:00:00	5.47
5572885	5002	STORET_21FLPDEM_SB 26-5B	1999-04-07 00:00:00	4.50
5572702	5002	STORET_21FLPDEM_SB 26-5B	1999-05-12 00:00:00	4.35
5572238	5002	STORET_21FLPDEM_SB 26-5B	1999-06-02 00:00:00	4.97
5572884	5002	STORET_21FLPDEM_SB 26-5B	2000-05-03 00:00:00	4.50
5564400	5002	STORET_21FLPDEM_SB 26-5B	2000-05-31 00:00:00	5.56
5572239	5002	STORET_21FLPDEM_SB 26-5B	2000-06-28 00:00:00	7.61
5575792	5002	STORET_21FLPDEM_SB 26-5B	2001-05-02 00:00:00	4.77
5556961	5002	STORET_21FLPDEM_SB 26-5B	2001-05-30 00:00:00	5.04

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
5549194	5002	STORET_21FLPDEM_SB 26-5B	2002-05-01 00:00:00	5.09
5560569	5002	STORET_21FLPDEM_SB 26-5B	2002-05-29 00:00:00	4.53
5560824	5002	STORET_21FLPDEM_SB 26-5B	2002-06-26 00:00:00	4.93
5555974	5002	STORET_21FLPDEM_SB 26-5B	2002-07-10 00:00:00	5.48
5561218	5002	STORET_21FLPDEM_SB 26-5B	2002-08-21 00:00:00	4.46
5560032	5002	STORET_21FLPDEM_SB-A-09-02	2009-04-02 00:00:00	4.95
5575537	5002	STORET_21FLPDEM_SB-A-09-04	2009-06-25 00:00:00	4.37
5581156	5002	STORET_21FLPDEM_SB-A-12-03	2012-05-21 00:00:00	4.30
5577797	5002	STORET_21FLPDEM_SB-B-05-08	2005-10-19 00:00:00	4.42
5571243	5002	STORET_21FLPDEM_SB-B-09-02	2009-04-02 00:00:00	5.37
5569510	5002	STORET_21FLPDEM_SB-B-09-04	2009-06-25 00:00:00	4.39
5566439	5002	STORET_21FLSJWM_ICWWSJRN	2007-03-21 00:00:00	5.14
5564006	5002	STORET_21FLSJWM_ICWWSJRN	2007-03-21 00:00:00	4.56
5555290	5002	STORET_21FLSUW_AUC050C1	2008-02-27 00:00:00	6.36
5586573	5002	STORET_21FLTPA_24010113	2005-10-31 00:00:00	39.01
5586757	5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	4.31
5583795	5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	5.00
5578309	5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	4.41
5573751	5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	4.50
5554446	5002	STORET_FLPRMRWS_PR9	2003-09-23 00:00:00	5.53
5573045	5002	WIN_21FLCOBS_CBS 25	2022-06-14 11:10:00	57.94
5639368	5002	WIN_21FLSJWM_442663	2021-08-25 10:55:00	5.22
5573954	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.60
5645233	5014	WIN_21FLGTM_GTMMKNUT	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 30: Flagged Values - High Indicator Quantile: **0.75**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4652961	103	11NPSWRD_WQX-GUIS_SCBL	2017-05-17 00:00:00	1.70
4648103	103	21FLHILL_WQX-66	2020-12-07 00:00:00	16.26
4648104	103	21FLHILL_WQX-66	2021-02-09 00:00:00	1.15
4624920	103	21FLSWFD_WQX-670116	2020-12-15 00:00:00	2.78
4793830	103	NARS_WQX-CHA200204	2002-07-15 00:00:00	0.77
4794685	103	NARS_WQX-CHA200206	2002-07-15 00:00:00	0.77
4745437	355	apacpnut	2018-10-23 08:37:00	26.00
4746321	355	apaebnut	2018-10-23 08:02:00	26.00
4745172	355	apaesnut	2018-10-23 08:00:00	12.00
4696295	479	20941	2007-03-20 11:00:00	1000.00
4687285	479	WIN_21FLSWFD_670116	2020-12-15 12:14:00	2.78
2002059	513	STORET_CHNEPCHP-132	2003-12-03 00:00:00	1.26
2010151	513	STORET_CHNEPLLB-531	2003-05-21 00:00:00	1.30
2014640	513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	3.71
2019015	513	STORET_CHNEPTPR-36	2002-12-17 00:00:00	1.79
2022444	513	STORET_CHNEPTPR-36	2003-02-05 00:00:00	1.60
4695306	513	WIN_CHNEPMP_268_220	2021-10-28 09:40:00	1.39
4183473	5002	STORET_21FLA_27010016	2015-11-09 00:00:00	0.80
4204367	5002	STORET_21FLA_27010183	2002-03-05 00:00:00	0.76
4218653	5002	STORET_21FLCEN_27020346	2015-08-11 00:00:00	0.87
4205269	5002	STORET_21FLDADE_CM02	2011-06-07 00:00:00	200.00
4210368	5002	STORET_21FLDADE_OL03	2011-06-06 00:00:00	16415.00
4226598	5002	STORET_21FLGW_9717	2003-10-13 00:00:00	1.10
4223451	5002	STORET_21FLHILL_092	2007-04-24 00:00:00	1.67
4235896	5002	STORET_21FLHILL_112	2007-07-25 00:00:00	1.10
4221836	5002	STORET_21FLMANA_362	2002-03-25 00:00:00	1.97
4220064	5002	STORET_21FLMANA_365	2007-03-28 00:00:00	0.78
4222712	5002	STORET_21FLMANA_386	2017-04-11 00:00:00	0.80
4225429	5002	STORET_21FLMANA_400	2002-05-06 00:00:00	0.90
4226435	5002	STORET_21FLMANA_400	2017-04-11 00:00:00	0.87
4232254	5002	STORET_21FLMANA_408	1996-07-15 00:00:00	1.26
4227520	5002	STORET_21FLMANA_421	2011-12-06 00:00:00	0.76
4226878	5002	STORET_21FLMANA_422	2002-10-08 00:00:00	0.78
4226992	5002	STORET_21FLMANA_425	2008-08-26 00:00:00	1.14
4227527	5002	STORET_21FLMANA_425	2017-04-11 00:00:00	0.89
4238224	5002	STORET_21FLMANA_BH1	2001-10-30 00:00:00	1.57
4234849	5002	STORET_21FLMANA_BH1	2001-11-01 00:00:00	2.93
4229592	5002	STORET_21FLMANA_BH1	2001-11-06 00:00:00	3.05
4232110	5002	STORET_21FLMANA_BH1	2001-11-08 00:00:00	27.58
4233328	5002	STORET_21FLMANA_BH1	2001-11-13 00:00:00	5.08
4232111	5002	STORET_21FLMANA_BH1	2001-11-15 00:00:00	4.24
4234148	5002	STORET_21FLMANA_BH1	2001-11-30 00:00:00	0.92
4238225	5002	STORET_21FLMANA_BH1	2001-12-04 00:00:00	1.10
4231016	5002	STORET_21FLMANA_BH1	2001-12-06 00:00:00	1.39
4232476	5002	STORET_21FLMANA_BH1	2001-12-11 00:00:00	0.92
4235278	5002	STORET_21FLMANA_BH1	2001-12-13 00:00:00	1.55
4232113	5002	STORET_21FLMANA_BH1	2002-03-21 00:00:00	0.76
4237546	5002	STORET_21FLMANA_BH1	2002-08-09 00:00:00	0.76

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4238229	5002	STORET_21FLMANA_BH1	2002-08-12 00:00:00	0.77
4232115	5002	STORET_21FLMANA_BH1	2002-08-29 00:00:00	0.78
4235281	5002	STORET_21FLMANA_BH1	2003-01-02 00:00:00	0.92
4234153	5002	STORET_21FLMANA_BH1	2003-02-18 00:00:00	1.70
4232119	5002	STORET_21FLMANA_BH1	2003-04-10 00:00:00	0.82
4236107	5002	STORET_21FLMANA_BH1	2003-09-19 00:00:00	0.77
4237428	5002	STORET_21FLMANA_BH1	2004-11-03 00:00:00	0.88
4247777	5002	STORET_21FLMANA_BH1A	2003-04-10 00:00:00	0.82
4244552	5002	STORET_21FLMANA_BH2	2001-11-01 00:00:00	2.92
4249163	5002	STORET_21FLMANA_BH2	2001-11-06 00:00:00	1.22
4249164	5002	STORET_21FLMANA_BH2	2001-11-08 00:00:00	1.78
4244553	5002	STORET_21FLMANA_BH2	2001-11-13 00:00:00	1.70
4245656	5002	STORET_21FLMANA_BH2	2001-11-15 00:00:00	0.79
4247628	5002	STORET_21FLMANA_BH2	2001-12-06 00:00:00	0.75
4246718	5002	STORET_21FLMANA_BH3	2001-11-08 00:00:00	1.04
4250231	5002	STORET_21FLMANA_BH3	2001-11-13 00:00:00	0.95
4246488	5002	STORET_21FLMANA_BH3	2002-01-23 00:00:00	0.87
4251283	5002	STORET_21FLMANA_BH3	2002-05-21 00:00:00	1.07
4250238	5002	STORET_21FLMANA_BH3	2002-06-26 00:00:00	1.55
4247496	5002	STORET_21FLMANA_BH3	2003-02-25 00:00:00	0.81
4250367	5002	STORET_21FLMANA_BH3	2003-09-09 00:00:00	1.80
4255836	5002	STORET_21FLMANA_FC1	2006-06-14 00:00:00	0.84
4256959	5002	STORET_21FLMANA_FC1	2006-09-06 00:00:00	0.77
4254015	5002	STORET_21FLMANA_FC1	2008-07-15 00:00:00	0.77
4255843	5002	STORET_21FLMANA_FC1	2009-08-19 00:00:00	1.01
4256965	5002	STORET_21FLMANA_FC1	2009-09-29 00:00:00	0.89
4248865	5002	STORET_21FLMANA_FC1	2010-05-11 00:00:00	2.72
4255468	5002	STORET_21FLMANA_FC1	2010-06-29 00:00:00	0.87
4248866	5002	STORET_21FLMANA_FC1	2010-07-20 00:00:00	0.77
4255469	5002	STORET_21FLMANA_FC1	2010-08-17 00:00:00	0.83
4254253	5002	STORET_21FLMANA_FC1	2011-01-19 00:00:00	1.07
4252587	5002	STORET_21FLMANA_FC1	2011-06-22 00:00:00	0.84
4250586	5002	STORET_21FLMANA_FC1	2011-08-10 00:00:00	0.98
4252599	5002	STORET_21FLMANA_FC1	2012-04-17 00:00:00	1.22
4253749	5002	STORET_21FLMANA_FC1	2012-06-12 00:00:00	1.06
4250599	5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	1.29
4250505	5002	STORET_21FLMANA_FC1	2014-07-15 00:00:00	0.88
4250506	5002	STORET_21FLMANA_FC1	2014-09-09 00:00:00	0.81
4254455	5002	STORET_21FLMANA_FC1	2015-07-01 00:00:00	0.79
4251062	5002	STORET_21FLMANA_FC1	2015-08-04 00:00:00	1.00
4255834	5002	STORET_21FLMANA_FC1	2017-07-27 00:00:00	0.85
4255835	5002	STORET_21FLMANA_FC1	2017-09-27 00:00:00	0.98
4225561	5002	STORET_21FLPDEM_E1 11-01	2002-11-13 00:00:00	0.86
4231526	5002	STORET_21FLPDEM_E1-A-08-01	2008-02-19 00:00:00	0.82
4234197	5002	STORET_21FLPDEM_E1-C-07-04	2007-05-15 00:00:00	1.10
4247731	5002	STORET_21FLPDEM_E3-D-08-01	2008-02-05 00:00:00	0.80
4261133	5002	STORET_21FLPDEM_E5-B-10-02	2010-03-22 00:00:00	0.94
4226551	5002	STORET_21FLPDEM_E6-C-05-05	2005-06-29 00:00:00	0.76
4209041	5002	STORET_21FLPDEM_W4-A-11-06	2011-09-08 00:00:00	0.77
4229025	5002	STORET_21FLPDEM_W5-C-06-03	2006-03-27 00:00:00	0.83
4234339	5002	STORET_21FLPDEM_W6-A-06-06	2006-08-02 00:00:00	0.95
4223035	5002	STORET_21FLPNS_300743908411593	2006-03-30 00:00:00	3.50

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4244566	5002	STORET_21FLSARA_LB-3-12	2006-12-05 00:00:00	0.83
4219645	5002	STORET_21FLSFWM_HR1	2004-09-20 00:00:00	1.04
4236864	5002	STORET_21FLSJWM_CCC	1999-06-14 00:00:00	0.96
4246692	5002	STORET_21FLSJWM_GAR	1999-06-14 00:00:00	1.16
4245789	5002	STORET_21FLSJWM_GAR	2010-09-22 00:00:00	1.02
4291454	5002	STORET_21FLSJWM_JXTR17	1999-06-14 00:00:00	1.18
4301274	5002	STORET_21FLSJWM_JXTR21	1999-06-21 00:00:00	1.13
4312227	5002	STORET_21FLSJWM_MAT	2005-09-14 00:00:00	0.86
4324403	5002	STORET_21FLSJWM_MRT	1999-06-21 00:00:00	0.78
4264653	5002	STORET_21FLSJWM_SMITHCR	1998-12-14 00:00:00	0.89
4264114	5002	STORET_21FLSJWM_SMITHCR	1999-06-14 00:00:00	1.23
4269452	5002	STORET_21FLSJWM_STOKESCR	1999-06-14 00:00:00	1.13
4292230	5002	STORET_21FLSJWM_TOL	1999-06-14 00:00:00	1.24
4256047	5002	STORET_21FLTPA_2821288240456	2005-04-05 00:00:00	1.50
4254368	5002	STORET_21FLWQSP_TC3	2011-09-27 00:00:00	0.84
5434120	5002	WIN_21FLHILL_66	2020-12-07 11:40:00	16.26
5498236	5002	WIN_21FLHILL_66	2021-02-09 13:03:00	1.15
5437225	5002	WIN_21FLJXWQ_TIM11	2022-02-08 13:45:00	0.89
5336598	5002	WIN_21FLMANA_FC1	2018-06-05 10:49:00	0.80
5336872	5002	WIN_21FLMANA_FC1	2018-09-05 10:55:00	0.93
5336621	5002	WIN_21FLMANA_FC1	2019-01-14 11:43:00	0.81
5336623	5002	WIN_21FLMANA_FC1	2019-08-05 11:07:00	0.77
5440207	5002	WIN_21FLMANA_FC1	2020-08-26 11:33:00	0.83
5334188	5002	WIN_21FLSJWM_442663	2021-08-25 10:55:00	1.14
5344622	5002	WIN_21FLTPA_G1SW0120	2022-09-12 12:20:00	0.77
5348237	5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	0.93
5440631	5014	WIN_21FLGTM_GTMLSNT	2023-02-02 08:55:00	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 31: Flagged Values - High Indicator Quantile: **186**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4787140	103	11NPSWRD_WQX-CANA_NPS_4	1992-11-16 00:00:00	240
4787325	103	11NPSWRD_WQX-TIMU_BESD_FG6A	1988-08-09 00:00:00	287
4738185	103	21FLPDEM_WQX-W6-A-21-03	2021-05-10 00:00:00	930
2009698	513	STORET_CHNEPCHW-78	2004-07-13 00:00:00	212
2009333	513	STORET_CHNEPLLB-520	2004-06-24 00:00:00	277
5587829	513	WIN_CHNEPMP_268_226	2022-04-28 10:17:00	525
5213335	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 19:30:00	460
5213337	4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	232
5039396	4054	WIN_21FLWQA_GTMPCNUT	2015-06-30 10:30:00	254
5040145	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 19:30:00	360
5039584	4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 22:00:00	428
5040785	4054	WIN_21FLWQA_GTMPCNUT	2015-09-07 19:30:00	216
4013068	5002	STORET_21FLDADE_BB05A	2010-12-06 00:00:00	188
4012729	5002	STORET_21FLDADE_BB05A	2016-06-06 00:00:00	284
4016067	5002	STORET_21FLDADE_BB09	2016-06-06 00:00:00	267
4012806	5002	STORET_21FLDADE_BB11	2016-06-06 00:00:00	288
4014080	5002	STORET_21FLDADE_BB14	2015-06-01 00:00:00	188
4015201	5002	STORET_21FLDADE_BB14	2016-06-06 00:00:00	266
4014840	5002	STORET_21FLDADE_BB17	2015-06-02 00:00:00	244
4015801	5002	STORET_21FLDADE_BB17	2016-06-07 00:00:00	194
4011744	5002	STORET_21FLDADE_BB22	2015-06-02 00:00:00	290
4014699	5002	STORET_21FLDADE_BB22	2016-06-07 00:00:00	278
4014925	5002	STORET_21FLDADE_BB24	2016-06-07 00:00:00	320
4019294	5002	STORET_21FLDADE_BB47	2007-06-06 00:00:00	201
4022699	5002	STORET_21FLDADE_BB47	2015-09-16 00:00:00	211
3992540	5002	STORET_21FLDADE_CD01A	2015-06-04 00:00:00	189
3971477	5002	STORET_21FLDADE_LR01	2016-06-06 00:00:00	295
3977810	5002	STORET_21FLDADE_MR01	2015-06-02 00:00:00	196
3976903	5002	STORET_21FLDADE_MR01	2016-06-07 00:00:00	259
3988297	5002	STORET_21FLEECO_EB-04	2006-01-17 00:00:00	193
3990689	5002	STORET_21FLEECO_EB-04	2009-01-20 00:00:00	239
4014983	5002	STORET_21FLGW_7437	2000-06-07 00:00:00	350
4002141	5002	STORET_21FLMANA_361	2006-07-25 00:00:00	298
3995686	5002	STORET_21FLMANA_400	2006-07-25 00:00:00	244
4001058	5002	STORET_21FLMANA_408	2006-07-25 00:00:00	272
4020015	5002	STORET_21FLMANA_425	2006-07-25 00:00:00	312
4030804	5002	STORET_21FLPNS_294420008459335	2007-10-30 00:00:00	863
4029777	5002	STORET_21FLPNS_294507108500387	2007-10-30 00:00:00	904
4027775	5002	STORET_21FLPNS_294607808502290	2007-06-05 00:00:00	794
4027733	5002	STORET_21FLPNS_294607808502290	2007-07-17 00:00:00	849
4029411	5002	STORET_21FLPNS_294607808502290	2007-10-31 00:00:00	816
4025570	5002	STORET_21FLPNS_294653208502492	2007-10-16 00:00:00	232
4029494	5002	STORET_21FLPNS_294723608502575	2007-10-24 00:00:00	732
4028665	5002	STORET_21FLPNS_294723608502575	2007-10-30 00:00:00	910
4027604	5002	STORET_21FLPNS_294747008503098	2007-01-31 00:00:00	244
4025948	5002	STORET_21FLPNS_294747008503098	2007-06-20 00:00:00	619
4027603	5002	STORET_21FLPNS_294747008503098	2007-10-24 00:00:00	284
4026034	5002	STORET_21FLPNS_294811008503068	2007-01-31 00:00:00	251

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4028974	5002	STORET_21FLPNS_294828708503058	2007-01-31 00:00:00	237
4030939	5002	STORET_21FLPNS_294834108503266	2007-01-31 00:00:00	257
4028132	5002	STORET_21FLPNS_294834108503266	2007-10-30 00:00:00	914
4034342	5002	STORET_21FLPNS_300546728411373	2006-03-02 00:00:00	10200
4031217	5002	STORET_21FLPNS_300546728411373	2006-11-01 00:00:00	20400
4033287	5002	STORET_21FLPNS_300546728411373	2006-11-29 00:00:00	6980
4032159	5002	STORET_21FLPNS_300743908411593	2006-03-02 00:00:00	406
4029335	5002	STORET_21FLPNS_300743908411593	2006-11-01 00:00:00	5480
4031098	5002	STORET_21FLPNS_300743908411593	2006-11-29 00:00:00	24800
4003873	5002	STORET_21FLSJWM_GAR	2009-04-15 00:00:00	201
4149522	5002	STORET_21FLSJWM_MAT	1999-06-21 00:00:00	199
4149523	5002	STORET_21FLSJWM_MAT	1999-08-09 00:00:00	206
5362047	5002	WIN_21FLPDEM_W6-A-21-03	2021-05-10 12:45:00	930
5355678	5033	WIN_21FLCRCP_BAK020	2017-10-24 11:50:00	251
5351444	5033	WIN_21FLCRCP_BAK020	2017-10-24 11:55:00	361
5358738	5033	WIN_21FLCRCP_BAK021	2017-10-24 12:05:00	434
5357793	5033	WIN_21FLCRCP_BAK022	2017-10-24 11:25:00	225
5357632	5033	WIN_21FLCRCP_BAK023	2017-10-24 11:35:00	228
5360932	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 32: Flagged Values - High Indicator Quantile: **128**

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
366345	95	18583	2013-07-16 00:00:00	2127.90
4605076	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-02-23 00:00:00	307.00
4618235	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-20 00:00:00	129.00
4795551	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-23 00:00:00	383.00
4796537	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-26 00:00:00	663.00
4617518	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-27 00:00:00	170.00
4795439	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-02 00:00:00	168.00
4796267	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-02 00:00:00	346.00
4796279	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-06 00:00:00	242.00
4796743	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-06 00:00:00	498.00
4620422	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-10 00:00:00	203.00
4621574	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-10 00:00:00	180.00
4624271	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-14 00:00:00	135.00
4624658	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-14 00:00:00	170.00
4625605	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-16 00:00:00	135.00
4804074	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-18 00:00:00	240.00
4611516	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-05-31 00:00:00	170.00
4808368	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-05-31 00:00:00	605.00
4613932	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-01 00:00:00	187.00
4610878	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	272.00
4612136	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	216.00
4612247	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	277.00
4806093	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	150.00
4808382	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	627.00
4611528	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	168.00
4612142	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	179.00
4806098	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	241.00
4805839	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-04 00:00:00	169.00
4807722	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-04 00:00:00	163.00
4614654	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-06 00:00:00	146.00
4805638	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-06 00:00:00	789.00
4610457	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-06 00:00:00	288.00
4807885	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-06 00:00:00	144.00
4807654	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-07 00:00:00	150.00
4609736	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	714.00
4609960	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	709.00
4808038	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	232.00
4609747	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-16 00:00:00	132.00
4610606	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-16 00:00:00	157.00
4611058	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-26 00:00:00	163.00
4613312	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-26 00:00:00	170.00
4610053	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	175.00
4610133	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	158.00
4610134	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	196.00
4611065	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	143.00
4611282	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	157.00
4807340	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	201.00
4808279	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-28 00:00:00	224.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4808282	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-28 00:00:00	739.00
4610230	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	234.00
4611083	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	181.00
4611084	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	293.00
4611145	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	134.00
4611146	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	172.00
4611587	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	130.00
4611588	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	146.00
4807980	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	493.00
4610236	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	247.00
4611151	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	130.00
4611152	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	172.00
4611594	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	163.00
4807866	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	149.00
4807989	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	136.00
4808147	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	131.00
4809221	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	132.00
4811284	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	143.00
4811285	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	175.00
4811297	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-02 00:00:00	143.00
4815994	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-02 00:00:00	149.00
4611764	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	170.00
4611862	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	143.00
4611863	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	157.00
4612436	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	153.00
4608993	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-06 00:00:00	152.00
4614709	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	167.00
4614967	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	137.00
4615584	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	129.00
4707410	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-08 00:00:00	191.00
4707411	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-08 00:00:00	214.00
4615042	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-09 00:00:00	156.00
4615537	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	142.00
4615602	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	166.00
4708224	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-11 00:00:00	136.00
4710731	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	184.00
4712354	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	176.00
4712646	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	194.00
4713323	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	163.00
4614247	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	278.00
4710759	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-25 00:00:00	308.00
4616662	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-02 00:00:00	134.00
4618081	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-02 00:00:00	272.00
4710675	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	145.00
4713941	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	276.00
4714314	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	130.00
4715891	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	794.00
4616671	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	249.00
4618857	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	189.00
4713784	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	333.00
4713785	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	480.00
4714040	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	304.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4715596	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	350.00
4715945	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	149.00
4715947	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	236.00
4615668	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	159.00
4618097	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	162.00
4713790	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	654.00
4715598	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	137.00
4718656	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	200.00
4616259	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	181.00
4618009	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	196.00
4714885	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	233.00
4714886	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	256.00
4616261	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	149.00
4616804	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	135.00
4618876	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	145.00
4717938	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	163.00
4718385	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	144.00
4618802	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	208.00
4715173	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	148.00
4715624	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	159.00
4716457	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	161.00
4717672	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	193.00
4717945	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	683.00
4718391	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	186.00
4618181	103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	212.00
4715221	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-19 00:00:00	386.00
4618187	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-20 00:00:00	220.00
4620600	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-21 00:00:00	343.00
4618964	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-22 00:00:00	185.00
4621673	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-22 00:00:00	251.00
4620606	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-23 00:00:00	276.00
4718870	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-26 00:00:00	696.00
4718476	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	160.00
4725020	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	145.00
4619974	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	484.00
4718416	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	143.00
4724463	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	142.00
4725025	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	177.00
4725167	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	253.00
4726466	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	185.00
4724139	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	208.00
4725031	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	150.00
4725170	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	224.00
4726470	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	204.00
4624429	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-01 00:00:00	245.00
4725039	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-06 00:00:00	288.00
4725619	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	607.00
4621547	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	492.00
4624436	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	180.00
4622453	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	297.00
4622454	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	382.00
4625521	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	181.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4725203	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-13 00:00:00	292.00
4624601	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-14 00:00:00	205.00
4626677	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-14 00:00:00	144.00
4725653	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	186.00
4623562	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	153.00
4624357	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	160.00
4625543	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	165.00
4626680	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	162.00
4727744	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-16 00:00:00	431.00
4623644	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	163.00
4623714	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	210.00
4623715	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	226.00
4624615	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	160.00
4625552	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	144.00
4627066	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	165.00
4725754	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-19 00:00:00	157.00
4726885	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-19 00:00:00	280.00
4631185	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-21 00:00:00	154.00
4624512	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-22 00:00:00	143.00
4725727	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-24 00:00:00	167.00
4725791	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-24 00:00:00	228.00
4726581	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-25 00:00:00	152.00
4726585	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	129.00
4626788	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	269.00
4725804	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	134.00
4728175	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	421.00
4725807	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	129.00
4725808	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	298.00
4727069	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	644.00
4626733	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	179.00
4726939	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-01 00:00:00	197.00
4725817	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-02 00:00:00	165.00
4727833	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	259.00
4628967	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	134.00
4631135	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	155.00
4728198	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-04 00:00:00	144.00
4727434	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-06 00:00:00	178.00
4727217	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	853.00
4727453	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	418.00
4727948	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	135.00
4727950	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	551.00
4617203	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	310.00
4617289	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	302.00
4618262	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	142.00
4619757	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	194.00
4619758	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	223.00
4726868	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	537.00
4727457	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	292.00
4728985	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	273.00
4728987	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	329.00
4620497	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-16 00:00:00	145.00
4728832	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-04-27 00:00:00	221.00

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
4620639	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-04-29 00:00:00	179.00
4621406	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-09 00:00:00	142.00
4628854	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-11 00:00:00	136.00
4732033	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	228.00
4733617	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	151.00
4733619	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	239.00
4628836	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	329.00
4632292	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-18 00:00:00	139.00
4633717	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	143.00
4633720	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	186.00
4635860	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	142.00
4635974	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	138.00
4642771	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-28 00:00:00	166.00
4643034	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-30 00:00:00	234.00
4643752	103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-30 00:00:00	191.00
4634312	103	21FLSCCF_WQX-NWR09	2021-02-17 00:00:00	138.69
4680635	303	WIN_21FLSCCF_DZPIS03	2019-08-21 09:15:00	142.45
4684652	303	WIN_21FLSCCF_DZPIS03	2019-09-18 09:43:00	558.85
4677908	303	WIN_21FLSCCF_NWR01	2019-06-05 08:53:00	143.21
4802104	303	WIN_21FLSCCF_NWR01	2020-02-24 09:34:00	163.39
4801566	303	WIN_21FLSCCF_NWR01	2020-11-17 09:46:00	353.31
4804957	303	WIN_21FLSCCF_NWR02	2019-06-05 08:38:00	433.09
4804589	303	WIN_21FLSCCF_NWR02	2019-11-20 12:06:00	379.22
4805028	303	WIN_21FLSCCF_NWR02	2020-09-10 10:45:00	847.26
4662025	303	WIN_21FLSCCF_NWR03	2019-10-23 08:30:00	185.33
4805033	303	WIN_21FLSCCF_NWR09	2020-09-10 09:35:00	331.88
4804914	303	WIN_21FLSCCF_NWR09	2021-02-17 10:15:00	138.69
4805142	303	WIN_21FLSCCF_NWR10	2019-06-05 10:10:00	292.84
4805143	303	WIN_21FLSCCF_NWR10	2019-07-15 10:47:00	152.92
4808611	303	WIN_21FLSCCF_NWR10	2019-08-21 10:07:00	190.70
4808871	303	WIN_21FLSCCF_NWR10	2019-10-23 10:09:00	181.17
4666820	303	WIN_21FLSCCF_NWR10	2020-02-24 11:14:00	634.29
4668426	303	WIN_21FLSCCF_NWR10	2020-11-17 11:17:00	614.58
4667215	303	WIN_21FLSCCF_SCAL_SPAT03	2019-10-23 11:15:00	166.22
4805213	303	WIN_21FLSCCF_SCAL_SPAT06	2019-11-20 11:17:00	204.12
4805327	303	WIN_21FLSCCF_SCAL_SPAT06	2020-02-24 12:35:00	152.46
4665465	303	WIN_21FLSCCF_SCAL_SPAT09	2019-06-05 13:27:00	327.57
4665137	303	WIN_21FLSCCF_SCAL_SPAT09	2019-09-18 12:40:00	264.88
4667447	303	WIN_21FLSCCF_SCAL_SPAT09	2020-02-24 13:08:00	182.99
3727574	354	rkblhnut	2004-08-30 08:30:00	192.00
3727243	354	rkblhnut	2004-08-30 11:00:00	197.00
3726195	354	rkblhnut	2004-08-30 13:30:00	202.00
3726409	354	rkblhnut	2004-08-30 16:00:00	207.00
3729050	354	rkblhnut	2004-08-30 18:30:00	212.00
3728122	354	rkblhnut	2004-08-30 21:00:00	217.00
3729609	354	rkblhnut	2004-08-30 23:30:00	222.00
3729241	354	rkblhnut	2004-08-31 02:00:00	227.00
3728247	354	rkblhnut	2004-08-31 04:30:00	232.00
3729087	354	rkblhnut	2004-08-31 07:00:00	237.00
3752471	354	rkblhnut	2005-10-16 08:30:00	294.80
3759022	354	rkblhnut	2005-10-16 16:00:00	358.10
3751698	354	rkblhnut	2005-10-16 21:00:00	197.60

RowID	ProgramID	ProgramLocationID	SampleDate	ResultValue
3757408	354	rkblhnut	2005-10-16 23:30:00	371.50
4395781	4058	56	2017-04-18 12:45:00	478.00
3709770	5002	STORET_21FLCOLL_LKMRCOSH	1995-04-13 00:00:00	154.00
3853314	5002	STORET_21FLSEAS_16SEAS360	2010-01-26 00:00:00	164.00
3898512	5002	STORET_21FLSEAS_30SEAS190	2017-10-17 00:00:00	129.10
3907979	5002	STORET_21FLSEAS_30SEAS200	2017-05-01 00:00:00	131.40
3994521	5002	STORET_21FLWQA_300751208544378	2005-04-27 00:00:00	830.00
5411658	5002	WIN_21FLMWK_KBBC	2022-01-04 13:20:00	409.06
5307819	5002	WIN_21FLMWK_KBBC	2022-02-23 15:15:00	168.52
5306579	5002	WIN_21FLMWK_KBBC	2022-03-14 09:20:00	221.71
5306580	5002	WIN_21FLMWK_KBBC	2022-06-16 15:38:00	266.71
5308869	5002	WIN_21FLMWK_KBBC	2022-07-18 11:06:00	132.92
5308870	5002	WIN_21FLMWK_KBBC	2022-08-29 12:30:00	174.50
5314491	5002	WIN_21FLMWK_KBBC	2022-11-07 14:25:00	259.45
5311744	5002	WIN_21FLMWK_KBBC	2022-12-19 11:17:00	176.67
5307202	5002	WIN_21FLMWK_KP	2022-05-12 11:05:00	203.80
5303655	5002	WIN_21FLMWK_SBR	2022-02-07 15:44:00	265.88
5300086	5002	WIN_21FLMWK_SBR	2022-02-23 15:46:00	1121.60
5298066	5002	WIN_21FLMWK_SBR	2022-03-14 09:45:00	239.08
5298391	5002	WIN_21FLMWK_SBR	2022-04-04 14:03:00	224.97
5303657	5002	WIN_21FLMWK_SBR	2022-04-11 11:49:00	133.57
5298392	5002	WIN_21FLMWK_SBR	2022-05-23 09:55:00	157.69
5298572	5002	WIN_21FLMWK_SBR	2022-07-18 11:23:00	132.10
5298230	5002	WIN_21FLMWK_SBR	2022-08-08 13:23:00	167.42
5301877	5002	WIN_21FLMWK_SBR	2022-11-07 14:46:00	359.67
5301869	5002	WIN_21FLMWK_SBR	2022-11-21 12:05:00	140.27
5302827	5002	WIN_21FLMWK_SBR	2022-12-19 11:30:00	574.35
289772	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