

Water Column (Discrete) Indicator Quantile Report

SEACAR Analysis

Last compiled on 18 September, 2023

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Overview

The following quantile thresholds are used for flagging “questionable” values:

- Lower quantile: 0.001
- Upper quantile: 0.999
- Number of standard deviations: 3

The data file(s) used for the analysis: **Combined_WQ_WC_NUT_Turbidity-2023-Jul-14.txt**

Table 1: Indicator Quantile Overview

parameter	q_low	q_high	mean	n_tot	n_q_low	n_q_high	%_flagged
Turbidity	0.00	120.00	5.09	285713	0	285	0.10
Total Phosphorus	0.00	0.74	0.18	132577	0	133	0.10
NO2+3 Filtered	0.00	3.30	0.06	130410	0	129	0.10
Total Nitrogen	0.00	4.24	0.50	122406	103	123	0.18
Total Nitrogen	0.00	2.65	0.33	74999	103	123	0.30
NH4 Filtered	0.00	5.80	0.09	117638	0	117	0.10
Total Kjeldahl Nitrogen TKN	0.00	5.20	5.74	89887	0	90	0.10
Total Suspended Solids, TSS	0.00	186.00	14.40	68747	0	67	0.10
Chlorophyll a uncorrected for pheophytin	0.00	95.66	20.03	63051	0	64	0.10
PO4 Filtered	0.00	0.77	0.04	57315	0	58	0.10
Chlorophyll a corrected for pheophytin	0.00	120.25	6.59	53235	0	54	0.10
Nitrite (N)	0.00	0.07	0.00	28458	0	29	0.10
Colored dissolved organic matter, CDOM	0.00	729.80	26.36	19575	0	20	0.10
Nitrate (N)	0.00	0.79	0.02	19483	0	20	0.10
Light Extinction Coefficient	0.00	7.94	0.56	15545	16	16	0.21
Nitrogen, organic	0.03	2.70	0.57	7121	6	7	0.18
Ammonia- Un-ionized (NH3)	0.00	0.48	0.03	523	1	1	0.38

Low Quantile

Ammonia- Un-ionized (NH3)

Table 2: Flagged Values - Low Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
5028	MP3C	2020-06-11	0.002

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

Light Extinction Coefficient

Table 3: Flagged Values - Low Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
297	212	2002-10-22	0.0010000
297	218	2009-04-22	0.0006718
297	223	2009-07-13	0.0007663
297	252	2009-02-12	0.0005032
297	263	2003-10-01	0.0010000
297	272	2006-05-04	0.0009000
297	279	2006-12-14	0.0009500
297	280	2017-12-12	0.0001704
297	295	2012-02-08	0.0005760
297	307	2006-11-02	0.0010000
297	310	2006-07-12	0.0010000
297	312	2006-07-12	0.0010000
297	318	2015-09-13	0.0004957
297	326	2006-07-19	0.0005000
297	328	2014-11-17	0.0006970
297	403	2006-12-14	0.0005600

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

Nitrogen, organic

Table 4: Flagged Values - Low Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLHILL_025	2007-06-26	0.019
5002	STORET_21FLHILL_046	2008-01-08	0.019
5002	STORET_21FLHILL_092	2004-06-22	0.020
5002	STORET_21FLLOX_40	2012-12-17	0.020
5002	STORET_21FLLOX_78	2017-02-13	0.010
5002	STORET_21FLWPB_28010064	2001-08-31	0.020

Programs containing flagged data:

5002 - Florida STORET / WIN

Total Nitrogen

Table 5: Flagged Values - Low Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	EMAP_CS-FL03-0011	2003-08-28	0e+00
103	EMAP_CS-FL03-0013	2003-07-31	0e+00
103	EMAP_CS-FL03-0027	2003-07-15	0e+00
103	EMAP_CS-FL03-0030	2003-07-15	0e+00
103	NARS_WQX-CHA200214	2002-07-16	0e+00
103	NARS_WQX-FL03-0011	2003-08-28	0e+00
103	NARS_WQX-FL03-0013	2003-07-31	0e+00
103	NARS_WQX-FL03-0027	2003-07-15	0e+00
103	NARS_WQX-FL03-0030	2003-07-15	0e+00
297	225	2014-04-25	0e+00
513	STORET_CHNEPCHE-134	2002-02-25	6e-05
513	STORET_CHNEPCHE-134	2002-02-25	6e-05
513	STORET_CHNEPCHE-80	2002-02-25	6e-05
513	STORET_CHNEPCHE-80	2002-02-25	6e-05
513	STORET_CHNEPCHE-82	2002-02-25	6e-05
513	STORET_CHNEPCHE-93	2002-06-04	6e-05
513	STORET_CHNEPCHE-94	2002-02-25	6e-05
513	STORET_CHNEPCHP-113	2002-01-29	6e-05
513	STORET_CHNEPCHP-114	2001-10-03	5e-05
513	STORET_CHNEPCHP-114	2002-02-21	6e-05
513	STORET_CHNEPCHP-115	2001-10-03	5e-05
513	STORET_CHNEPCHP-116	2002-02-21	6e-05
513	STORET_CHNEPCHP-128	2002-01-29	6e-05
513	STORET_CHNEPCHP-129	2002-02-21	6e-05
513	STORET_CHNEPCHP-130	2002-02-21	6e-05
513	STORET_CHNEPCHP-99	2001-10-03	5e-05
513	STORET_CHNEPCHW-54	2002-02-26	6e-05
513	STORET_CHNEPCHW-61	2003-11-05	1e-05
513	STORET_CHNEPCHW-61	2003-11-05	1e-05
513	STORET_CHNEPCHW-65	2002-02-25	6e-05
513	STORET_CHNEPCHW-72	2002-06-04	6e-05
513	STORET_CHNEPCHW-78	2002-01-29	6e-05
513	STORET_CHNEPCHW-78	2002-02-25	6e-05
513	STORET_CHNEPCHW-90	2002-02-25	6e-05
513	STORET_CHNEPLL-517	2002-02-19	6e-05
513	STORET_CHNEPLL-520	2004-06-24	2e-05
513	STORET_CHNEPLL-523	2002-02-19	6e-05
513	STORET_CHNEPLL-531	2004-06-24	2e-05
513	STORET_CHNEPLL-85	2001-10-03	5e-05
513	STORET_CHNEPLL-85	2004-06-24	2e-05
514	Monroe-Tavernier-1-1	2003-09-18	6e-05
514	Monroe-Tavernier-1-1	2003-10-14	6e-05
514	Monroe-Tavernier-1-1	2004-03-13	6e-05
514	Monroe-Tavernier-1-1	2004-04-24	5e-05
514	Monroe-Tavernier-10-1	2003-07-16	6e-05
514	Monroe-Tavernier-10-1	2003-09-18	3e-05
514	Monroe-Tavernier-10-1	2003-10-14	6e-05
514	Monroe-Tavernier-10-1	2003-11-28	6e-05

ProgramID	ProgramLocationID	SampleDate	ResultValue
514	Monroe-Tavernier-10-1	2003-12-24	6e-05
514	Monroe-Tavernier-10-1	2004-02-21	6e-05
514	Monroe-Tavernier-10-1	2004-03-13	3e-05
514	Monroe-Tavernier-2-1	2001-04-24	6e-05
514	Monroe-Tavernier-2-1	2003-06-18	6e-05
514	Monroe-Tavernier-2-1	2003-09-18	5e-05
514	Monroe-Tavernier-2-1	2004-03-13	5e-05
514	Monroe-Tavernier-2-1	2004-04-24	4e-05
514	Monroe-Tavernier-3-1	2000-12-18	4e-05
514	Monroe-Tavernier-3-1	2003-06-18	4e-05
514	Monroe-Tavernier-3-1	2003-09-18	3e-05
514	Monroe-Tavernier-3-1	2003-10-14	6e-05
514	Monroe-Tavernier-3-1	2003-12-24	6e-05
514	Monroe-Tavernier-3-1	2004-04-24	4e-05
514	Monroe-Tavernier-4-1	2003-08-18	5e-05
514	Monroe-Tavernier-4-1	2003-09-18	5e-05
514	Monroe-Tavernier-4-1	2003-10-14	6e-05
514	Monroe-Tavernier-4-1	2003-12-24	6e-05
514	Monroe-Tavernier-4-1	2004-03-13	6e-05
514	Monroe-Tavernier-4-1	2004-05-22	6e-05
514	Monroe-Tavernier-5-1	2003-04-12	5e-05
514	Monroe-Tavernier-5-1	2003-08-18	5e-05
514	Monroe-Tavernier-5-1	2003-09-18	2e-05
514	Monroe-Tavernier-5-1	2003-12-24	6e-05
514	Monroe-Tavernier-5-1	2004-03-13	6e-05
514	Monroe-Tavernier-5-1	2004-05-22	6e-05
514	Monroe-Tavernier-6-1	2003-07-16	6e-05
514	Monroe-Tavernier-6-1	2003-09-18	3e-05
514	Monroe-Tavernier-6-1	2004-02-21	5e-05
514	Monroe-Tavernier-6-1	2004-03-13	6e-05
514	Monroe-Tavernier-6-1	2004-04-24	6e-05
514	Monroe-Tavernier-6-1	2004-05-22	5e-05
514	Monroe-Tavernier-6-1	2004-10-23	6e-05
514	Monroe-Tavernier-7-1	2003-06-18	6e-05
514	Monroe-Tavernier-7-1	2003-07-16	5e-05
514	Monroe-Tavernier-7-1	2003-08-18	6e-05
514	Monroe-Tavernier-7-1	2003-09-18	2e-05
514	Monroe-Tavernier-7-1	2003-12-24	6e-05
514	Monroe-Tavernier-7-1	2004-01-17	5e-05
514	Monroe-Tavernier-7-1	2004-02-21	6e-05
514	Monroe-Tavernier-7-1	2004-03-13	3e-05
514	Monroe-Tavernier-7-1	2004-04-24	5e-05
514	Monroe-Tavernier-7-1	2004-06-20	6e-05
514	Monroe-Tavernier-8-1	2003-09-18	2e-05
514	Monroe-Tavernier-8-1	2003-10-14	3e-05
514	Monroe-Tavernier-8-1	2003-12-24	6e-05
514	Monroe-Tavernier-8-1	2004-03-13	3e-05
514	Monroe-Tavernier-8-1	2004-04-24	2e-05
514	Monroe-Tavernier-8-1	2004-05-22	6e-05
514	Monroe-Tavernier-9-1	2003-06-18	6e-05
514	Monroe-Tavernier-9-1	2003-09-18	1e-05
514	Monroe-Tavernier-9-1	2003-10-14	3e-05

ProgramID	ProgramLocationID	SampleDate	ResultValue
514	Monroe-Tavernier-9-1	2004-01-17	6e-05
514	Monroe-Tavernier-9-1	2004-02-21	4e-05
514	Monroe-Tavernier-9-1	2004-04-24	3e-05

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

513 - Coastal Charlotte Harbor Monitoring Network

514 - Florida LAKEWATCH Program

High Quantile

Ammonia- Un-ionized (NH3)

Table 6: Flagged Values - High Indicator Quantile

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

Programs containing flagged data:

5028 - Charlotte Harbor Aquatic Preserves Monthly Water Quality Program

Chlorophyll a corrected for pheophytin

Table 7: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	11NPSWRD_WQX-GUIS_MSU_BIGLAG	1994-04-01 00:00:00	492.9000
103	21FLSJWM_WQX-44897	2020-12-02 00:00:00	151.9230
103	21FLSJWM_WQX-44898	2020-12-02 00:00:00	175.8195
303	WIN_21FLSCCF_NWR08	2019-10-23 14:35:00	193.0000
476	STORET_CHV006	2016-06-06 00:00:00	150.0000
479	WIN_21FLSWFD_670065	2021-07-20 09:07:00	128.0000
514	WIN_21FLKWAT_GUL-DOVEFD-1	2020-04-10 07:30:00	351.0000
514	WIN_21FLKWAT_PIN-SEMINOLE-1	2022-07-12 10:00:00	124.0000
514	WIN_21FLKWAT_PIN-SEMINOLE-2	2022-07-12 10:30:00	131.0000
514	WIN_21FLKWAT_PIN-SEMINOLE-2	2022-08-08 10:45:00	127.0000
514	WIN_21FLKWAT_PIN-SEMINOLE-3	2022-08-08 11:10:00	125.0000
540	WIN_21FLWQA_79SEAS172	2018-02-20 11:40:00	130.0000
540	WIN_21FLWQA_79SEAS172	2018-06-19 09:30:00	130.0000
4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	140.0000
5002	STORET_21FLGW_20077	2003-10-29 00:00:00	155.0000
5002	STORET_21FLGW_20089	2003-10-29 00:00:00	150.0000
5002	STORET_21FLHILL_136	2009-09-28 00:00:00	163.4000
5002	STORET_21FLLOX_78	2016-08-15 00:00:00	151.6000
5002	STORET_21FLLOX_78	2016-09-19 00:00:00	127.1000
5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	150.0000
5002	STORET_21FLTPA_275007824641	2004-05-25 00:00:00	150.0000
5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	180.0000
5002	STORET_21FLTPA_275020824650	2004-05-25 00:00:00	130.0000
5002	STORET_21FLTPA_275054824656	2004-05-25 00:00:00	155.0000
5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	190.0000
5002	STORET_21FLTPA_275200824646	2004-05-25 00:00:00	150.0000
5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	140.0000
5002	WIN_21FLPDEM_SB-A-20-05	2020-07-23 12:18:00	128.0000
5002	WIN_21FLPDEM_SB-A-22-07	2022-11-09 11:23:00	122.0000
5002	WIN_21FLPDEM_SB-B-20-05	2020-07-23 11:50:00	124.0000
5002	WIN_21FLPDEM_SB-B-20-05	2020-07-23 11:50:00	134.0000
5002	WIN_21FLPDEM_SB-B-22-05	2022-08-02 09:53:00	123.0000
5002	WIN_21FLSJWM_411653	2020-10-01 10:27:00	128.3058
5002	WIN_21FLSJWM_411653	2020-11-02 10:17:00	152.8998
5002	WIN_21FLSJWM_44897	2020-10-05 10:11:00	187.2357
5002	WIN_21FLSJWM_44897	2020-10-28 09:17:00	189.3101
5002	WIN_21FLSJWM_44897	2020-11-03 10:00:00	173.1262
5002	WIN_21FLSJWM_44897	2020-11-17 09:24:00	201.2736
5002	WIN_21FLSJWM_44897	2020-12-02 10:58:00	151.9230
5002	WIN_21FLSJWM_44897	2020-12-02 10:58:00	158.9916
5002	WIN_21FLSJWM_44898	2020-11-03 10:20:00	192.7876
5002	WIN_21FLSJWM_44898	2020-12-02 11:21:00	175.8195
5002	WIN_21FLSJWM_44898	2020-12-02 11:21:00	182.8675
5002	WIN_21FLSJWM_471650	2020-12-02 12:04:00	120.3280
5002	WIN_21FLSJWM_471650	2020-12-02 12:04:00	126.1514
5002	WIN_21FLWQA_BLOOM11	2019-08-22 10:50:00	140.0000
5002	WIN_21FLWQA_BLOOM11	2019-08-22 10:50:00	160.0000
5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	209.0000

ProgramID	ProgramLocationID	SampleDate	ResultValue
5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	239.0000
5014	WIN_21FLGTM_GTMGL2NUT	2019-04-02 12:14:00	123.0000
5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	146.0000
5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	180.0000
5014	WIN_21FLGTM_GTMGL2NUT	2021-05-10 12:11:00	125.0000
10000	72	2016-09-14 00:00:00	132.5000

Programs containing flagged data:

103 - EPA STORage and RETrieval Data Warehouse (STORET)
303 - River, Estuary and Coastal Observing Network
476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network
479 - Southwest Florida Water Management District - Water Quality Monitoring
514 - Florida LAKEWATCH Program
540 - Shellfish Harvest Area Classification Program
4054 - Guana Tolomato Matanzas National Estuarine Research Reserve System-Wide Monitoring Program
5002 - Florida STORET / WIN
5014 - Guana River and Guana Lake Water Quality Monitoring
10000 - RiverKeeper

Chlorophyll a uncorrected for pheophytin

Table 8: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
95	15873	2016-07-18 00:00:00	295.300
95	16062	2016-07-18 00:00:00	290.000
95	17821	2018-09-17 00:00:00	232.800
95	17823	2018-09-17 00:00:00	155.500
95	17868	2016-07-18 00:00:00	261.700
95	18373	2013-08-01 00:00:00	105.500
95	18583	2013-07-16 00:00:00	275.300
95	18675	2016-07-18 00:00:00	266.900
95	18815	2013-08-06 00:00:00	146.700
95	18946	2016-08-15 00:00:00	123.003
95	19161	2016-08-15 00:00:00	122.990
95	19741	2016-08-16 00:00:00	123.010
95	19848	2016-08-16 00:00:00	123.003
476	STORET_GSV006	2006-09-05 00:00:00	119.000
479	20130	2007-03-20 12:11:00	1000000.000
514	Gulf-Depot Creek-1-1	2018-04-10 00:00:00	153.000
514	Gulf-Money Bayou-1-1	2019-10-11 00:00:00	100.000
514	Gulf-Simmons Bayou-1-1	2016-07-11 00:00:00	152.000
514	Pinellas-Seminole-2	2003-07-19 00:00:00	129.000
514	Pinellas-Seminole-2	2003-08-10 00:00:00	149.000
514	Pinellas-Seminole-2	2004-07-10 00:00:00	156.000
5002	STORET_21FLGW_35641	2008-12-22 00:00:00	100.000
5002	STORET_21FLGW_35642	2008-12-22 00:00:00	100.000
5002	STORET_21FLGW_35645	2008-12-22 00:00:00	110.000
5002	STORET_21FLGW_35646	2008-12-22 00:00:00	100.000
5002	STORET_21FLGW_40724	2011-07-12 00:00:00	100.000
5002	STORET_21FLHILL_046	2009-08-04 00:00:00	111.100
5002	STORET_21FLHILL_064	2007-09-04 00:00:00	117.100
5002	STORET_21FLHILL_065	2004-09-01 00:00:00	140.848
5002	STORET_21FLHILL_136	2000-07-19 00:00:00	179.500
5002	STORET_21FLHILL_136	2000-09-20 00:00:00	108.800
5002	STORET_21FLHILL_136	2009-09-28 00:00:00	178.800
5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2003-07-19 00:00:00	159.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2003-08-10 00:00:00	133.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-07-10 00:00:00	148.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-12-18 00:00:00	107.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2003-07-19 00:00:00	129.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2003-08-10 00:00:00	149.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2004-07-10 00:00:00	156.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2003-07-19 00:00:00	139.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2003-08-10 00:00:00	146.000
5002	STORET_21FLKWAT_PIN-SEMINOLE-3	2004-07-10 00:00:00	152.000
5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-09-11 00:00:00	168.000
5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-10-20 00:00:00	104.000
5002	STORET_21FLKWAT_PIN-SYLVIA-3	2008-12-06 00:00:00	115.000
5002	STORET_21FLKWAT_PIN-SYLVIA-3	2009-01-07 00:00:00	126.000
5002	STORET_21FLLOX_78	2016-08-15 00:00:00	159.800
5002	STORET_21FLLOX_78	2016-09-19 00:00:00	132.400

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	160.000
5002	STORET_21FLTPA_24040131	2009-10-07 00:00:00	120.000
5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	190.000
5002	STORET_21FLTPA_275007824641	2009-10-07 00:00:00	100.000
5002	STORET_21FLTPA_275054824656	2009-02-02 00:00:00	100.000
5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	190.000
5002	STORET_21FLTPA_275054824656	2009-07-28 00:00:00	110.000
5002	STORET_21FLTPA_275054824656	2009-10-07 00:00:00	100.000
5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	140.000
5002	STORET_21FLTPA_275200824646	2009-07-28 00:00:00	96.000
5002	STORET_21FLTPA_280845508245483	2010-09-13 00:00:00	110.000
5002	STORET_FLPRMRWS_PR04_1102	2002-11-12 00:00:00	137.000
5002	STORET_FLPRMRWS_PR9	1998-04-21 00:00:00	119.800
10000	72	2012-07-12 00:00:00	105.000
10000	72	2014-09-16 00:00:00	95.700
10000	72	2016-09-14 00:00:00	136.500

Programs containing flagged data:

95 - Harmful Algal Bloom Marine Observation Network

476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network

479 - Southwest Florida Water Management District - Water Quality Monitoring

514 - Florida LAKEWATCH Program

5002 - Florida STORET / WIN

10000 - RiverKeeper

Colored dissolved organic matter, CDOM

Table 9: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
4054	gtmpcnut	2009-06-09 08:55:00	762.8
4054	gtmpcnut	2009-06-09 13:55:00	754.3
4054	gtmpcnut	2009-06-09 15:01:00	743.0
4054	gtmpcnut	2009-06-09 15:02:00	782.6
4054	gtmpcnut	2012-09-10 07:30:00	858.4
4054	gtmpcnut	2012-09-10 10:00:00	847.1
4054	gtmpcnut	2012-09-10 12:30:00	840.0
4054	gtmpcnut	2012-09-10 15:00:00	852.8
4054	gtmpcnut	2012-09-10 17:30:00	829.8
4054	gtmpcnut	2012-09-10 20:00:00	830.4
4054	gtmpcnut	2012-09-10 22:30:00	850.1
4054	gtmpcnut	2012-09-11 01:00:00	851.8
4054	gtmpcnut	2012-09-11 03:30:00	854.0
4054	gtmpcnut	2012-09-11 06:00:00	876.5
4054	gtmpcnut	2012-09-11 08:30:00	833.2
4054	gtmpcnut	2012-09-11 12:20:00	876.6
4054	gtmpcnut	2012-09-11 12:21:00	864.3
5002	WIN_21FLA_27010078	2022-03-29 13:25:00	780.0
5002	WIN_21FLA_27010079	2020-10-15 12:35:00	880.0
5002	WIN_21FLGW_6976	2020-07-07 13:10:00	750.0

Programs containing flagged data:

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

5002 - Florida STORET / WIN

Light Extinction Coefficient

Table 10: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
297	217	2013-09-08	8.51780
297	231	2013-09-08	11.21180
297	285	2013-09-06	12.72210
297	287	2013-09-06	10.46080
297	289	2013-09-06	12.37920
297	292	2013-09-06	11.87310
297	500	2013-09-08	10.53420
297	501	2012-05-31	16.93050
297	501	2013-09-08	26.42060
297	503	2013-09-06	10.27300
297	504	2013-09-11	8.99950
297	506	2013-09-12	10.04440
297	506	2020-01-29	11.55155
5002	STORET_21FLPDEM_RB-B-06-08	2006-11-01	32.68000
5002	STORET_21FLPDEM_W6-A-09-03	2009-05-14	8.07849
5002	STORET_21FLPDEM_W7-B-06-06	2006-07-27	8.98000

Programs containing flagged data:

297 - Florida Keys National Marine Sanctuary Water Quality Monitoring Project

5002 - Florida STORET / WIN

NH4 Filtered

Table 11: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
3	12025A	2005-11-09	6.40000
3	12026A	2005-07-11	11.96000
3	12042A	2005-08-31	35.90000
3	12043A	2012-02-22	6.40400
3	12246B	2006-08-14	7.00000
3	12396A	2005-07-11	8.50000
3	12415A	2009-09-01	6.38000
3	12424A	2010-10-20	6.01600
3	12426A	2010-08-24	11.31800
3	12434A	2005-08-17	10.70000
3	12444A	2003-06-16	10.66800
3	12446A	2005-08-31	17.00000
3	12462A	2004-09-14	7.40000
3	12619A	2004-11-16	7.40000
3	12626A	2003-04-28	6.80200
3	12647A	2005-07-11	10.34000
3	12657A	2003-06-16	6.80000
3	12665A	2005-08-31	13.80000
3	12783A	2005-08-31	13.70000
3	12841A	2005-07-11	8.35000
3	12843A	2006-09-13	9.70000
3	14246B	2021-12-05	6.83300
3	1461B	2006-08-13	18.80000
3	1509B	2012-06-05	5.96300
3	1690B	2011-08-03	11.39500
3	6331A	2004-12-17	8.10000
3	6337A	2003-05-20	7.06900
3	6340A	2001-09-24	7.80100
3	6341A	2004-11-17	15.40000
3	6357A	2006-01-24	7.10000
3	6358A	2002-06-18	5.86000
3	6359A	2002-07-17	8.12100
3	6360A	2001-11-27	8.86300
3	6361A	2007-05-17	13.30000
3	6371A	2004-10-21	10.10000
3	6373A	2005-09-01	10.60000
3	6374A	2005-11-10	32.00000
3	6383A	2006-09-14	10.30000
3	6389A	2001-08-20	8.22100
3	6396A	1998-10-15	8.90000
3	6398A	2000-09-19	25.02300
3	6403A	2001-10-16	11.90800
3	6404A	2007-07-11	10.40000
3	6405A	2010-08-25	6.36400
3	6406A	2005-07-12	10.40000
3	6409A	2005-01-20	8.00000
3	6412A	2011-10-27	7.54300
3	6418A	2007-02-13	21.10000

ProgramID	ProgramLocationID	SampleDate	ResultValue
3	6419A	2012-02-23	7.11700
3	6420A	2003-12-04	7.50000
3	6421A	2008-09-16	15.20000
3	6424A	2000-11-13	7.31000
3	6424A	2001-01-18	10.55500
3	6424A	2001-05-17	7.50800
3	6429A	2001-06-14	5.92100
3	6429A	2004-04-20	6.10000
3	6441A	2004-09-15	11.60000
3	6446A	2002-08-21	5.94800
3	6454A	2003-09-30	7.21300
3	6462A	1998-10-30	6.67000
3	6463A	2000-12-12	8.17500
3	6474A	2004-03-30	11.25000
3	6480A	2004-01-14	6.02000
3	6490A	2011-12-21	12.45100
3	9462A	2004-11-16	11.20000
3	9475A	2010-02-09	6.58100
3	9486A	2004-12-14	13.50000
3	9491A	2005-07-11	8.40000
3	9508A	2004-10-20	10.10000
3	9509A	2005-08-31	9.30000
3	9530A	2003-05-19	6.90000
3	9538A	2004-11-16	18.50000
3	9546A	2004-12-14	44.80000
3	9548A	2011-08-31	7.94000
3	9549A	2003-12-03	7.60000
3	9551A	2003-04-28	5.87500
3	9552A	2002-07-16	7.37400
3	9554A	2011-12-20	7.25500
3	9555A	2005-08-31	13.00000
3	9556A	2005-02-08	6.10000
3	9558A	2004-10-20	20.90000
3	9573A	2009-12-09	6.18800
3	9575A	2009-05-06	9.50000
3	9576A	2010-08-24	9.42400
3	9577A	2003-11-18	8.01700
3	9583A	2005-07-11	6.37000
3	9586A	2003-09-29	8.02400
3	9593A	2010-02-09	8.30500
3	9596A	2005-06-14	9.72000
3	9630A	2004-11-16	6.70000
3	9646A	2005-07-11	7.83000
3	9677A	2004-10-20	7.00000
3	9684A	2005-08-31	17.70000
3	9736A	2004-11-16	6.30000
3	9739A	2003-11-18	6.45000
3	9765A	2005-08-31	12.00000
3	9780A	2005-07-11	6.21000
5002	STORET_21FLCOLL_BLACKW	1989-04-12	69.50131
5002	STORET_21FLCOLL_FAKAUCAN	1989-04-13	69.50131
5002	STORET_21FLCOLL_GOODBAY	1989-04-11	69.50131

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLCOLL_HCKEST	1989-04-11	69.50131
5002	STORET_21FLCOLL_MARCPAS	1989-04-11	69.50131
5002	STORET_21FLCOLL_RBAY170	1989-04-11	528.92490
5002	STORET_21FLCOLL_RBAY170	1989-04-11	69.50131
5002	STORET_21FLCOLL_RBAY191	1989-04-11	488.10143
5002	STORET_21FLCOLL_RBAY191	1989-04-11	69.50131
5002	STORET_21FLCOLL_RBAY192	1989-04-11	499.10775
5002	STORET_21FLCOLL_RBAY192	1989-04-11	69.50131
5002	STORET_21FLCOLL_RBAY192	1989-04-11	482.77832
5002	STORET_21FLCOLL_RBAY192	1989-04-11	69.50131
5002	STORET_21FLCOLL_RBAY205	1989-04-11	467.48354
5002	STORET_21FLCOLL_RBAY205	1989-04-11	69.50131
5002	STORET_21FLCOLL_RBAY206	1989-04-11	472.47297
5002	STORET_21FLCOLL_RBAY206	1989-04-11	69.50131
5002	STORET_21FLCOLL_ROOKERY2	1989-04-11	555.47244
5002	STORET_21FLCOLL_ROOKERY2	1989-04-11	69.50131
5002	STORET_21FLEECO_PI-11	1998-07-16	6.99000

Programs containing flagged data:

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

5002 - Florida STORET / WIN

Nitrate (N)

Table 12: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLEECO_PI-03	2013-07-22	1.90
5002	STORET_21FLMANA_FC1	2007-01-10	0.96
5002	STORET_21FLMANA_FC1	2007-12-19	1.15
5002	STORET_21FLMANA_FC1	2008-01-24	1.50
5002	STORET_21FLMANA_FC1	2008-04-02	1.10
5002	STORET_21FLMANA_FC1	2009-12-15	0.83
5002	STORET_21FLMANA_FC1	2010-01-06	0.83
5002	STORET_21FLMANA_FC1	2011-01-19	1.70
5002	STORET_21FLSUW_JEF64991	1999-06-04	0.95
5002	STORET_21FLSUW_STR010C1	1999-07-06	1.00
5002	STORET_21FLSUW_SUW275C1	1990-05-15	0.86
5002	STORET_21FLSUW_SUW275C1	1991-01-15	0.81
5002	STORET_21FLSUW_SUW305C1	1990-05-15	0.82
5002	STORET_21FLSUW_SUW410C1	1990-05-15	0.84
5002	STORET_21FLSUW_SUW410C1	1991-01-15	0.80
5002	STORET_21FLWQSP_APALACH2	2013-04-03	5.00
5002	STORET_21FLWQSP_IRSL1	2013-03-28	2.50
5002	STORET_21FLWQSP_IRSL2	2013-03-28	2.50
5002	STORET_21FLWQSP_ML1	2013-04-03	5.00
5002	STORET_21FLWQSP_WACASAS1	2013-04-02	2.50

Programs containing flagged data:

5002 - Florida STORET / WIN

Nitrite (N)

Table 13: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:40:00	0.190
4054	WIN_21FLWQA_GTMPINUT	2015-09-08 08:45:00	0.190
4054	WIN_21FLWQA_GTMPINUT	2017-10-17 09:47:00	0.081
4054	WIN_21FLWQA_GTMPINUT	2017-10-17 09:48:00	0.080
4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:26:00	0.094
4054	WIN_21FLWQA_GTMPINUT	2018-09-05 07:30:00	0.096
4054	WIN_21FLWQA_GTMPINUT	2020-07-07 14:38:00	0.074
4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:15:00	0.110
4054	WIN_21FLWQA_GTMPINUT	2020-08-18 12:17:00	0.110
4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:32:00	0.080
4054	WIN_21FLWQA_GTMPINUT	2020-09-15 10:34:00	0.083
5002	STORET_21FLEECO_48-10GR	1992-07-17 00:00:00	0.120
5002	STORET_21FLEECO_CH-AD50572	2017-08-29 00:00:00	0.136
5002	STORET_21FLEECO_CH-AD50580	2017-08-29 00:00:00	0.127
5002	STORET_21FLEECO_CH-AD52976	2017-09-25 00:00:00	0.198
5002	STORET_21FLEECO_CH-AD52978	2017-09-25 00:00:00	0.200
5002	STORET_21FLEECO_CH-AD52979	2017-09-25 00:00:00	0.141
5002	STORET_21FLEECO_CH-AD52980	2017-09-25 00:00:00	0.176
5002	STORET_21FLEECO_CH-AD52981	2017-09-25 00:00:00	0.159
5002	STORET_21FLEECO_CH-AD52982	2017-09-25 00:00:00	0.101
5002	STORET_21FLSFWM_HR1	2008-09-22 00:00:00	0.153
5002	STORET_21FLSFWM_HR1	2011-09-19 00:00:00	0.163
5002	STORET_21FLSFWM_HR1	2014-09-11 00:00:00	0.074
5002	STORET_21FLSFWM_HR1	2014-10-13 00:00:00	0.094
5002	STORET_21FLSUW_SUW305C1	1991-05-14 00:00:00	0.340
5002	WIN_21FLSFWM_9552	2022-12-13 09:36:00	0.085
5033	WIN_21FLCRCP_BAK030	2018-04-04 12:55:00	0.088
5033	WIN_21FLCRCP_PEV050	2020-11-12 07:35:00	0.090
5033	WIN_21FLCRCP_PEV050	2020-12-02 10:15:00	0.128

Programs containing flagged data:

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

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Nitrogen, organic

Table 14: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLHILL_046	2000-09-05	2.870
5002	STORET_21FLHILL_136	2000-07-19	3.940
5002	STORET_21FLHILL_136	2003-08-13	4.000
5002	STORET_21FLHILL_136	2009-11-09	2.764
5002	STORET_21FLLOX_62	2005-05-10	3.930
5002	STORET_21FLLOX_62	2005-09-21	3.060
5002	STORET_21FLLOX_62	2005-11-16	2.710

Programs containing flagged data:

5002 - Florida STORET / WIN

NO2+3 Filtered

Table 15: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
3	1038B	2019-09-24	12.711
3	1194B	2015-04-14	8.549
3	12026A	2005-07-11	16.000
3	12033A	2008-09-15	3.400
3	12036A	2007-02-12	6.400
3	12039A	2010-02-09	8.336
3	12042A	2005-08-31	16.000
3	12060A	2005-06-14	14.400
3	12063A	2006-08-09	5.300
3	12301B	2009-04-20	3.510
3	12304B	2019-09-23	4.019
3	12333B	2010-03-08	5.449
3	12357B	2011-04-04	7.310
3	12379A	2012-06-12	9.899
3	12383A	2006-08-09	25.800
3	12395A	2008-09-15	4.500
3	12396A	2005-07-11	4.940
3	12400A	2007-02-12	16.300
3	12402A	2012-02-22	4.069
3	12406A	2007-10-17	8.900
3	12408A	2010-05-03	5.279
3	12415A	2009-09-01	4.530
3	12416A	2006-09-13	19.000
3	12424A	2010-10-20	3.921
3	12426A	2010-08-24	4.401
3	12431A	2005-06-14	11.000
3	12434A	2005-08-17	7.400
3	12438A	2002-07-16	9.193
3	12444A	2003-06-16	3.948
3	12446A	2005-08-31	12.800
3	12462A	2004-09-14	4.500
3	12467A	2007-07-10	5.500
3	12482A	2010-02-09	8.852
3	12529A	2005-11-09	4.000
3	12598A	2008-09-15	6.000
3	12604A	2012-06-12	4.747
3	12605A	2010-02-09	7.451
3	12609A	2010-10-20	4.716
3	12611A	2007-02-12	12.800
3	12613A	2005-06-14	3.990
3	12619A	2004-11-16	13.900
3	12628A	2003-09-29	7.194
3	12631A	2005-11-09	5.400
3	12633A	2006-09-13	17.500
3	12639A	2006-11-01	4.200
3	12643A	2006-08-09	7.500
3	12647A	2005-07-11	4.140
3	12651A	2004-09-14	6.000

ProgramID	ProgramLocationID	SampleDate	ResultValue
3	12654A	2002-07-16	6.991
3	12655A	2009-09-01	8.610
3	12657A	2003-06-16	6.119
3	12665A	2005-08-31	20.300
3	12666A	2003-11-18	12.054
3	12771A	2007-05-16	5.600
3	12772A	2011-10-26	5.071
3	12779A	2009-11-03	11.570
3	12783A	2005-08-31	15.400
3	12818A	2007-02-12	12.300
3	12831A	2010-02-09	8.559
3	12841A	2005-07-11	3.820
3	1297B	2015-04-14	8.859
3	14237B	2021-08-01	5.170
3	14259B	2021-08-01	6.322
3	14318B	2021-08-01	4.400
3	14322B	2021-08-01	6.750
3	14341B	2021-08-01	4.281
3	14424B	2021-08-01	5.504
3	14439B	2021-07-31	5.196
3	14448B	2021-08-01	3.827
3	14455B	2021-07-31	5.286
3	14490B	2021-07-31	3.405
3	14548B	2021-07-31	4.733
3	14556B	2021-07-31	5.472
3	1530B	2019-09-24	3.660
3	1547B	2015-04-14	8.917
3	15593B	2021-08-03	4.611
3	1846B	2009-04-21	4.350
3	2013B	2015-06-02	8.642
3	2355B	2015-06-02	3.792
3	2420B	2015-06-02	8.211
3	2949B	2015-06-01	9.177
3	301B	2019-09-24	3.325
3	302B	2009-04-21	4.440
3	4137A	1998-12-09	3.340
3	424B	2015-07-28	4.533
3	434B	2015-04-14	8.879
3	437B	2017-10-10	11.990
3	4671B	2015-04-13	7.759
3	5738B	2012-06-04	7.256
3	6331A	2004-12-17	4.100
3	6347A	2005-03-09	6.500
3	6349A	2005-02-09	3.700
3	6360A	2001-11-27	4.020
3	6392A	2010-02-10	9.302
3	6405A	2010-08-25	3.305
3	6409A	2005-01-20	4.600
3	6416A	2012-06-13	4.369
3	6418A	2007-02-13	11.500
3	6419A	2012-02-23	5.951
3	6453A	2012-04-19	6.817

ProgramID	ProgramLocationID	SampleDate	ResultValue
3	6474A	2004-03-30	9.440
3	6490A	2011-12-21	5.731
3	6821B	2015-04-13	7.134
3	704B	2017-10-10	14.600
3	9475A	2010-02-09	8.809
3	9477A	2007-02-12	7.400
3	9509A	2005-08-31	7.000
3	9520A	2009-09-01	7.230
3	9542A	2012-06-12	4.453
3	9555A	2005-08-31	9.600
3	9585A	2007-02-12	7.200
3	9604B	2019-11-18	4.076
3	9630A	2004-11-16	4.500
3	9641A	2003-11-18	9.662
3	9675A	2007-05-16	7.200
3	9684A	2005-08-31	4.600
3	9697A	2005-11-09	6.200
3	9698A	2010-02-09	7.492
3	9739A	2003-11-18	14.989
3	9740A	2010-07-07	21.028
3	9744A	2007-10-17	10.700
3	9745A	2004-12-14	4.600
3	9748A	2010-10-20	3.574
3	9765A	2005-08-31	3.500
3	9767A	2010-02-09	7.529
3	978B	2015-04-14	7.630
476	STORET_CHV006	2009-07-06	300.000
5002	STORET_21FLNWFD_S570	2001-02-27	33.000
5002	STORET_21FLSUW_AUC050C1	2008-02-27	4.190

Programs containing flagged data:

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

476 - Charlotte Harbor Estuaries Volunteer Water Quality Monitoring Network

5002 - Florida STORET / WIN

PO4 Filtered

Table 16: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
3	12415A	2009-09-01 00:00:00	1.040
3	14025B	2009-08-26 00:00:00	1.570
3	14046B	2004-10-19 00:00:00	2.200
3	15295B	2021-08-02 00:00:00	1.773
3	1817B	1999-08-04 00:00:00	2.500
3	2067B	1999-08-04 00:00:00	1.600
3	2354B	2015-07-28 00:00:00	0.918
3	437B	2017-10-10 00:00:00	0.813
3	609B	2000-04-18 00:00:00	0.843
3	6438A	2009-09-02 00:00:00	0.830
3	704B	2017-10-10 00:00:00	1.007
3	9506A	2006-01-23 00:00:00	0.940
3	9532A	2009-09-01 00:00:00	0.950
3	9569A	2006-01-23 00:00:00	1.100
3	9582A	2006-05-03 00:00:00	2.000
355	apacpnut	2018-10-23 08:37:00	9.000
355	apacpnut	2019-03-25 10:35:00	6.600
355	apadbnut	2019-03-25 14:18:00	6.200
355	apaebnut	2018-10-23 08:02:00	19.000
355	apaebnut	2019-03-25 08:55:00	8.200
355	apaesnut	2018-10-23 08:00:00	20.000
355	apaesnut	2019-03-25 08:53:00	7.600
513	STORET_CHNEPLLB-85	2003-06-24 00:00:00	3.070
513	STORET_CHNEPTMR-22	2003-08-05 00:00:00	1.580
5002	STORET_21FLA_G4NE0002	2016-06-02 00:00:00	4.500
5002	STORET_21FLBREV_MR03	2000-10-25 00:00:00	20.000
5002	STORET_21FLBREV_MR03	2002-08-28 00:00:00	20.000
5002	STORET_21FLBREV_MR03	2005-04-13 00:00:00	0.890
5002	STORET_21FLMANA_FC1	2006-06-14 00:00:00	0.770
5002	STORET_21FLMANA_FC1	2009-08-19 00:00:00	0.920
5002	STORET_21FLMANA_FC1	2009-09-29 00:00:00	0.800
5002	STORET_21FLMANA_FC1	2010-05-11 00:00:00	2.120
5002	STORET_21FLMANA_FC1	2010-06-29 00:00:00	0.820
5002	STORET_21FLMANA_FC1	2012-06-12 00:00:00	0.910
5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	1.050
5002	STORET_21FLMANA_FC1	2015-02-03 00:00:00	0.790
5002	STORET_21FLMANA_FC1	2015-05-07 00:00:00	0.780
5002	STORET_21FLMANA_FC1	2015-08-04 00:00:00	0.780
5002	STORET_21FLPDEM_W4-D-10-07	2010-10-19 00:00:00	3.400
5002	STORET_21FLSFWM_HR1	2004-09-20 00:00:00	0.878
5002	STORET_21FLSUW_SRE040C1	1996-05-16 00:00:00	0.960
5002	STORET_21FLSUW_SRE050C1	1996-05-16 00:00:00	0.820
5002	STORET_21FLSUW_SRE070C1	1996-05-16 00:00:00	0.920
5002	STORET_21FLSUW_SRE080C1	1996-05-16 00:00:00	1.000
5002	STORET_FLPRMRWS_PR10	2001-09-26 00:00:00	0.825
5002	STORET_FLPRMRWS_PR10	2004-08-25 00:00:00	0.957
5002	STORET_FLPRMRWS_PR10	2004-08-25 00:00:00	1.250
5002	STORET_FLPRMRWS_PR10	2004-09-23 00:00:00	0.840

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_FLPRMRWS_PR10	2004-09-23 00:00:00	0.960
5002	STORET_FLPRMRWS_PR10	2004-10-21 00:00:00	1.110
5002	STORET_FLPRMRWS_PR10	2004-10-21 00:00:00	1.300
5002	STORET_FLPRMRWS_PR10	2005-06-21 00:00:00	0.779
5002	STORET_FLPRMRWS_PR10	2006-09-21 00:00:00	1.010
5002	STORET_FLPRMRWS_PR101_0904	2004-09-08 00:00:00	0.786
5002	STORET_FLPRMRWS_PR103_1104	2004-11-10 00:00:00	0.865
5002	STORET_FLPRMRWS_PR103_1204	2004-12-08 00:00:00	0.793
5002	STORET_FLPRMRWS_PR9	2007-07-30 00:00:00	0.933
5002	STORET_FLPRMRWS_PR9	2007-07-30 00:00:00	0.944

Programs containing flagged data:

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

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

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

Total Kjeldahl Nitrogen TKN

Table 17: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.7000
513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.1000
5002	STORET_21FLCOLL_BLACKW	1989-06-26 00:00:00	893.0000
5002	STORET_21FLCOLL_BLACKW	1990-04-17 00:00:00	712.0000
5002	STORET_21FLCOLL_BLACKW	1991-04-09 00:00:00	280.0000
5002	STORET_21FLCOLL_BLACKW13	1995-05-01 00:00:00	6600.0000
5002	STORET_21FLCOLL_CC059	2014-07-02 00:00:00	1540.0000
5002	STORET_21FLCOLL_EMARCOBY	1995-05-03 00:00:00	5.4000
5002	STORET_21FLCOLL_FAKAUCAN	1989-06-26 00:00:00	379.0000
5002	STORET_21FLCOLL_FAKAUCAN	1990-04-17 00:00:00	155.0000
5002	STORET_21FLCOLL_FAKAUCAN	1991-04-08 00:00:00	155.0000
5002	STORET_21FLCOLL_FAKAUCAN	1995-05-01 00:00:00	610.0000
5002	STORET_21FLCOLL_GOODBAY	1989-06-27 00:00:00	518.0000
5002	STORET_21FLCOLL_GOODBAY	1990-04-19 00:00:00	639.0000
5002	STORET_21FLCOLL_GOODBAY	1991-04-21 00:00:00	1425.0000
5002	STORET_21FLCOLL_GULLIVAN	1995-05-02 00:00:00	6.2000
5002	STORET_21FLCOLL_HCKEST	1989-06-27 00:00:00	784.0000
5002	STORET_21FLCOLL_HCKEST	1990-04-18 00:00:00	375.0000
5002	STORET_21FLCOLL_HCKEST	1991-04-26 00:00:00	180.0000
5002	STORET_21FLCOLL_HNDRCRK	1995-05-04 00:00:00	15.0000
5002	STORET_21FLCOLL_LKMRCOSH	1995-05-04 00:00:00	16.0000
5002	STORET_21FLCOLL_MARCPAS	1990-04-19 00:00:00	528.0000
5002	STORET_21FLCOLL_MARCPAS	1991-04-25 00:00:00	275.0000
5002	STORET_21FLCOLL_PORTAUPR	1995-05-04 00:00:00	7.7000
5002	STORET_21FLCOLL_ROOKERY2	1989-06-27 00:00:00	76.0000
5002	STORET_21FLCOLL_ROOKERY2	1990-04-18 00:00:00	444.0000
5002	STORET_21FLCOLL_ROOKERY2	1991-04-25 00:00:00	195.0000
5002	STORET_21FLEECO_48-10GR	1996-07-22 00:00:00	9.3000
5002	STORET_21FLEECO_AC48993	2009-09-28 00:00:00	10.0000
5002	STORET_21FLEECO_PI-13	1996-11-05 00:00:00	11.1200
5002	STORET_21FLGW_22550	2004-10-20 00:00:00	30000.0000
5002	STORET_21FLGW_22551	2004-10-21 00:00:00	24000.0000
5002	STORET_21FLGW_22556	2004-10-21 00:00:00	2400.0000
5002	STORET_21FLGW_22559	2004-10-20 00:00:00	28000.0000
5002	STORET_21FLGW_22560	2004-10-20 00:00:00	22000.0000
5002	STORET_21FLGW_22565	2004-10-21 00:00:00	6800.0000
5002	STORET_21FLGW_22567	2004-10-20 00:00:00	16000.0000
5002	STORET_21FLGW_22568	2004-10-20 00:00:00	1500.0000
5002	STORET_21FLGW_22573	2004-10-21 00:00:00	1800.0000
5002	STORET_21FLGW_22575	2004-10-21 00:00:00	7200.0000
5002	STORET_21FLGW_22576	2004-10-21 00:00:00	2400.0000
5002	STORET_21FLGW_22579	2004-10-20 00:00:00	24000.0000
5002	STORET_21FLGW_34960	2008-07-30 00:00:00	29000.0000
5002	STORET_21FLGW_35622	2008-11-17 00:00:00	10000.0000
5002	STORET_21FLGW_35628	2008-12-04 00:00:00	1700.0000
5002	STORET_21FLGW_35629	2008-12-04 00:00:00	13000.0000
5002	STORET_21FLGW_35631	2008-12-04 00:00:00	860.0000
5002	STORET_21FLGW_35633	2008-12-04 00:00:00	11000.0000

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLGW_35634	2008-12-04 00:00:00	1300.0000
5002	STORET_21FLGW_35637	2008-12-04 00:00:00	1600.0000
5002	STORET_21FLGW_35641	2008-12-22 00:00:00	720.0000
5002	STORET_21FLGW_35642	2008-12-22 00:00:00	710.0000
5002	STORET_21FLGW_35643	2008-12-16 00:00:00	22000.0000
5002	STORET_21FLGW_35646	2008-12-22 00:00:00	3200.0000
5002	STORET_21FLGW_35648	2008-12-22 00:00:00	1800.0000
5002	STORET_21FLGW_38925	2010-06-08 00:00:00	26000.0000
5002	STORET_21FLGW_39475	2010-12-09 00:00:00	35000.0000
5002	STORET_21FLGW_39727	2011-01-12 00:00:00	21000.0000
5002	STORET_21FLGW_40724	2011-07-12 00:00:00	27000.0000
5002	STORET_21FLGW_41629	2012-05-15 00:00:00	16000.0000
5002	STORET_21FLGW_42534	2012-10-02 00:00:00	23000.0000
5002	STORET_21FLGW_45445	2014-04-09 00:00:00	27000.0000
5002	STORET_21FLGW_48193	2015-10-28 00:00:00	7300.0000
5002	STORET_21FLMANA_BH1	2001-11-08 00:00:00	20.0800
5002	STORET_21FLMANA_BH1	2001-11-13 00:00:00	6.3900
5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	6.3700
5002	STORET_21FLPDEM_SA_26-08	2002-07-10 00:00:00	5.4800
5002	STORET_21FLPDEM_SA-A-09-02	2009-04-02 00:00:00	6.5000
5002	STORET_21FLPDEM_SA-B-09-02	2009-04-02 00:00:00	6.1700
5002	STORET_21FLPDEM_SB_26-02	2000-06-28 00:00:00	5.9000
5002	STORET_21FLPDEM_SB_26-02	2002-07-10 00:00:00	5.6300
5002	STORET_21FLPDEM_SB_26-06	2002-07-10 00:00:00	5.2300
5002	STORET_21FLPDEM_SB_26-1B	2000-05-31 00:00:00	5.5000
5002	STORET_21FLPDEM_SB_26-1B	2002-07-10 00:00:00	5.2100
5002	STORET_21FLPDEM_SB_26-1B	2006-05-10 00:00:00	6.3900
5002	STORET_21FLPDEM_SB_26-1B	2006-07-10 00:00:00	6.8300
5002	STORET_21FLPDEM_SB_26-1B	2006-08-07 00:00:00	5.4500
5002	STORET_21FLPDEM_SB_26-5B	2000-05-31 00:00:00	5.5400
5002	STORET_21FLPDEM_SB_26-5B	2000-06-28 00:00:00	7.6000
5002	STORET_21FLPDEM_SB_26-5B	2002-07-10 00:00:00	5.4600
5002	STORET_21FLPDEM_SB-A-09-03	2009-05-21 00:00:00	5.4400
5002	STORET_21FLPDEM_SB-B-09-02	2009-04-02 00:00:00	5.3500
5002	STORET_21FLSJWM_GAR	2010-09-22 00:00:00	13.3326
5002	STORET_21FLSUW_SUW275C1	1994-12-08 00:00:00	5.9000
5002	STORET_21FLTPA_24010113	2005-10-31 00:00:00	39.0000
5002	STORET_FLPRMRWS_PR9	2003-09-23 00:00:00	5.4500
5002	WIN_21FLCOBS_CBS_25	2022-06-14 11:10:00	57.9000
5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.6000
5014	WIN_21FLGTM_GTMGL2NUT	2020-03-09 12:45:00	6.7500
5014	WIN_21FLGTM_GTMKNUT	2020-08-17 13:45:00	5.9000

Programs containing flagged data:

303 - River, Estuary and Coastal Observing Network

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

5014 - Guana River and Guana Lake Water Quality Monitoring

Total Nitrogen

Table 18: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
303	WIN_21FLSCCF_CLEW12	2022-06-06 15:32:00	6.7000
476	STORET_CHV006	2009-07-06 00:00:00	302.3000
479	20941	2007-03-20 11:00:00	1000.0000
479	670089	2008-10-08 10:33:00	4.4440
513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	10.1000
513	STORET_CHNEPTMR-42	2005-07-05 00:00:00	4.4400
4058	35	2017-08-15 11:23:00	4.2480
4058	74-2018-01-01	2020-05-27 10:06:00	4.9000
5002	STORET_21FLBREV_BRMIC06	2006-03-30 00:00:00	4.4000
5002	STORET_21FLCOLL_CC059	2014-07-02 00:00:00	1540.4400
5002	STORET_21FLEECO_48-10GR	1996-07-22 00:00:00	9.4300
5002	STORET_21FLEECO_AC48993	2009-09-28 00:00:00	10.0000
5002	STORET_21FLEECO_AC73810	2011-08-08 00:00:00	5.1000
5002	STORET_21FLEECO_EB-01	1991-12-02 00:00:00	4.6900
5002	STORET_21FLEECO_PI-13	1996-11-05 00:00:00	11.1200
5002	STORET_21FLEECO_PI-13	2001-02-13 00:00:00	4.3400
5002	STORET_21FLGW_10372	2001-07-18 00:00:00	4.8050
5002	STORET_21FLKWAT_PIN-SEMINOLE-1	2004-12-18 00:00:00	5.4200
5002	STORET_21FLKWAT_PIN-SEMINOLE-2	2005-05-14 00:00:00	6.0300
5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	6.4000
5002	STORET_21FLNWFD_A10	2001-02-21 00:00:00	4.3040
5002	STORET_21FLPDEM_SA 26-08	1999-06-02 00:00:00	4.4600
5002	STORET_21FLPDEM_SA 26-08	2000-05-03 00:00:00	4.3100
5002	STORET_21FLPDEM_SA 26-08	2000-05-31 00:00:00	4.4300
5002	STORET_21FLPDEM_SA 26-08	2000-06-28 00:00:00	5.1100
5002	STORET_21FLPDEM_SA 26-08	2001-03-07 00:00:00	4.4400
5002	STORET_21FLPDEM_SA 26-08	2002-02-06 00:00:00	4.4200
5002	STORET_21FLPDEM_SA 26-08	2002-03-05 00:00:00	4.8400
5002	STORET_21FLPDEM_SA 26-08	2002-04-03 00:00:00	4.4000
5002	STORET_21FLPDEM_SA 26-08	2002-05-29 00:00:00	4.3100
5002	STORET_21FLPDEM_SA 26-08	2002-06-26 00:00:00	4.6000
5002	STORET_21FLPDEM_SA 26-08	2002-07-10 00:00:00	5.5000
5002	STORET_21FLPDEM_SA 26-08	2002-08-21 00:00:00	4.4000
5002	STORET_21FLPDEM_SA 26-10	1999-06-02 00:00:00	4.2700
5002	STORET_21FLPDEM_SA 26-10	2000-05-03 00:00:00	4.2600
5002	STORET_21FLPDEM_SA 26-10	2000-05-31 00:00:00	4.6300
5002	STORET_21FLPDEM_SA 26-10	2000-06-28 00:00:00	4.4100
5002	STORET_21FLPDEM_SA 26-10	2002-02-06 00:00:00	4.6100
5002	STORET_21FLPDEM_SA 26-10	2002-03-05 00:00:00	4.4300
5002	STORET_21FLPDEM_SA 26-10	2002-05-29 00:00:00	4.3800
5002	STORET_21FLPDEM_SA 26-10	2002-06-26 00:00:00	4.4400
5002	STORET_21FLPDEM_SA 26-10	2002-08-21 00:00:00	4.3300
5002	STORET_21FLPDEM_SA 26-9B	2000-05-31 00:00:00	4.4000
5002	STORET_21FLPDEM_SA 26-9B	2000-06-28 00:00:00	5.1000
5002	STORET_21FLPDEM_SA 26-9B	2001-03-07 00:00:00	4.4300
5002	STORET_21FLPDEM_SA 26-9B	2002-02-06 00:00:00	4.2600
5002	STORET_21FLPDEM_SA 26-9B	2002-03-05 00:00:00	5.0000
5002	STORET_21FLPDEM_SA 26-9B	2002-05-29 00:00:00	4.4000

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLPDEM_SA 26-9B	2002-06-26 00:00:00	4.5300
5002	STORET_21FLPDEM_SA 26-9B	2002-07-10 00:00:00	5.1500
5002	STORET_21FLPDEM_SA 26-9B	2002-08-21 00:00:00	4.5000
5002	STORET_21FLPDEM_SA-A-05-08	2005-10-19 00:00:00	4.5900
5002	STORET_21FLPDEM_SA-A-09-02	2009-04-02 00:00:00	6.5200
5002	STORET_21FLPDEM_SA-A-12-03	2012-05-21 00:00:00	4.5900
5002	STORET_21FLPDEM_SA-B-05-08	2005-10-19 00:00:00	4.7200
5002	STORET_21FLPDEM_SA-B-09-02	2009-04-02 00:00:00	6.1900
5002	STORET_21FLPDEM_SA-B-12-03	2012-05-21 00:00:00	4.2500
5002	STORET_21FLPDEM_SB 26-02	1999-03-10 00:00:00	4.3000
5002	STORET_21FLPDEM_SB 26-02	2000-05-03 00:00:00	4.5000
5002	STORET_21FLPDEM_SB 26-02	2000-05-31 00:00:00	5.0900
5002	STORET_21FLPDEM_SB 26-02	2000-06-28 00:00:00	5.9100
5002	STORET_21FLPDEM_SB 26-02	2001-03-07 00:00:00	4.2800
5002	STORET_21FLPDEM_SB 26-02	2001-05-02 00:00:00	4.3600
5002	STORET_21FLPDEM_SB 26-02	2002-03-05 00:00:00	4.4700
5002	STORET_21FLPDEM_SB 26-02	2002-05-01 00:00:00	4.3600
5002	STORET_21FLPDEM_SB 26-02	2002-05-29 00:00:00	5.0400
5002	STORET_21FLPDEM_SB 26-02	2002-06-26 00:00:00	5.2200
5002	STORET_21FLPDEM_SB 26-02	2002-07-10 00:00:00	5.6500
5002	STORET_21FLPDEM_SB 26-02	2002-08-21 00:00:00	4.5400
5002	STORET_21FLPDEM_SB 26-06	1999-03-10 00:00:00	4.3300
5002	STORET_21FLPDEM_SB 26-06	2000-05-31 00:00:00	4.9800
5002	STORET_21FLPDEM_SB 26-06	2000-06-28 00:00:00	5.0100
5002	STORET_21FLPDEM_SB 26-06	2001-05-30 00:00:00	4.5400
5002	STORET_21FLPDEM_SB 26-06	2002-05-01 00:00:00	4.8600
5002	STORET_21FLPDEM_SB 26-06	2002-05-29 00:00:00	4.5000
5002	STORET_21FLPDEM_SB 26-06	2002-06-26 00:00:00	4.8300
5002	STORET_21FLPDEM_SB 26-06	2002-07-10 00:00:00	5.2500
5002	STORET_21FLPDEM_SB 26-1B	1999-04-07 00:00:00	4.3900
5002	STORET_21FLPDEM_SB 26-1B	1999-05-12 00:00:00	4.3600
5002	STORET_21FLPDEM_SB 26-1B	2000-05-03 00:00:00	4.2700
5002	STORET_21FLPDEM_SB 26-1B	2000-05-31 00:00:00	5.5200
5002	STORET_21FLPDEM_SB 26-1B	2001-03-07 00:00:00	4.4700
5002	STORET_21FLPDEM_SB 26-1B	2002-03-05 00:00:00	4.2600
5002	STORET_21FLPDEM_SB 26-1B	2002-05-01 00:00:00	4.8500
5002	STORET_21FLPDEM_SB 26-1B	2002-05-29 00:00:00	4.5200
5002	STORET_21FLPDEM_SB 26-1B	2002-06-26 00:00:00	5.1600
5002	STORET_21FLPDEM_SB 26-1B	2002-07-10 00:00:00	5.2300
5002	STORET_21FLPDEM_SB 26-1B	2002-08-21 00:00:00	4.3700
5002	STORET_21FLPDEM_SB 26-1B	2006-05-10 00:00:00	6.4100
5002	STORET_21FLPDEM_SB 26-1B	2006-07-10 00:00:00	6.8500
5002	STORET_21FLPDEM_SB 26-1B	2006-08-07 00:00:00	5.4700
5002	STORET_21FLPDEM_SB 26-5B	1999-04-07 00:00:00	4.5000
5002	STORET_21FLPDEM_SB 26-5B	1999-05-12 00:00:00	4.3500
5002	STORET_21FLPDEM_SB 26-5B	1999-06-02 00:00:00	4.9700
5002	STORET_21FLPDEM_SB 26-5B	2000-05-03 00:00:00	4.5000
5002	STORET_21FLPDEM_SB 26-5B	2000-05-31 00:00:00	5.5600
5002	STORET_21FLPDEM_SB 26-5B	2000-06-28 00:00:00	7.6100
5002	STORET_21FLPDEM_SB 26-5B	2001-05-02 00:00:00	4.7700
5002	STORET_21FLPDEM_SB 26-5B	2001-05-30 00:00:00	5.0400
5002	STORET_21FLPDEM_SB 26-5B	2002-05-01 00:00:00	5.0900

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLPDEM_SB 26-5B	2002-05-29 00:00:00	4.5300
5002	STORET_21FLPDEM_SB 26-5B	2002-06-26 00:00:00	4.9300
5002	STORET_21FLPDEM_SB 26-5B	2002-07-10 00:00:00	5.4800
5002	STORET_21FLPDEM_SB 26-5B	2002-08-21 00:00:00	4.4600
5002	STORET_21FLPDEM_SB-A-09-02	2009-04-02 00:00:00	4.9500
5002	STORET_21FLPDEM_SB-A-09-04	2009-06-25 00:00:00	4.3700
5002	STORET_21FLPDEM_SB-A-12-03	2012-05-21 00:00:00	4.3000
5002	STORET_21FLPDEM_SB-B-05-08	2005-10-19 00:00:00	4.4200
5002	STORET_21FLPDEM_SB-B-09-02	2009-04-02 00:00:00	5.3700
5002	STORET_21FLPDEM_SB-B-09-04	2009-06-25 00:00:00	4.3900
5002	STORET_21FLSJWM_ICWWSJRN	2007-03-21 00:00:00	5.1401
5002	STORET_21FLSJWM_ICWWSJRN	2007-03-21 00:00:00	4.5620
5002	STORET_21FLSUW_AUC050C1	2008-02-27 00:00:00	6.3600
5002	STORET_21FLTPA_24010113	2005-10-31 00:00:00	39.0060
5002	STORET_21FLTPA_24040131	2009-06-22 00:00:00	4.3060
5002	STORET_21FLTPA_275007824641	2009-06-22 00:00:00	5.0040
5002	STORET_21FLTPA_275054824656	2009-06-22 00:00:00	4.4070
5002	STORET_21FLTPA_275200824646	2009-06-22 00:00:00	4.5040
5002	STORET_FLPRMRWS_PR9	2003-09-23 00:00:00	5.5250
5002	WIN_21FLCOBS_CBS 25	2022-06-14 11:10:00	57.9430
5002	WIN_21FLSJWM_442663	2021-08-25 10:55:00	5.2220
5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	12.6020
5014	WIN_21FLGTM_GTMKNUT	2020-08-17 13:45:00	5.9020

Programs containing flagged data:

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

Total Phosphorus

Table 19: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	Result Value
103	11NPSWRD_WQX-GUIS_SCBL	2017-05-17 00:00:00	1.7000e+00
103	21FLHILL_WQX-66	2020-12-07 00:00:00	1.6257e+01
103	21FLHILL_WQX-66	2021-02-09 00:00:00	1.1490e+00
103	21FLSWFD_WQX-670116	2020-12-15 00:00:00	2.7800e+00
103	NARS_WQX-CHA200204	2002-07-15 00:00:00	7.6800e-01
103	NARS_WQX-CHA200204	2002-07-15 00:00:00	7.4100e-01
103	NARS_WQX-CHA200206	2002-07-15 00:00:00	7.7300e-01
355	apacpnut	2018-10-23 08:37:00	2.6000e+01
355	apaebnut	2018-10-23 08:02:00	2.6000e+01
355	apaesnut	2018-10-23 08:00:00	1.2000e+01
355	apanhnut	2019-03-25 11:18:00	5.0000e+00
479	20941	2007-03-20 11:00:00	1.0000e+03
479	WIN_21FLSWFD_670116	2020-12-15 12:14:00	2.7800e+00
513	STORET_CHNEPCHP-132	2003-12-03 00:00:00	1.2600e+00
513	STORET_CHNEPLLB-531	2003-05-21 00:00:00	1.3000e+00
513	STORET_CHNEPTMR-41	2005-04-12 00:00:00	3.7100e+00
513	STORET_CHNEPTPR-36	2002-12-17 00:00:00	1.7900e+00
513	STORET_CHNEPTPR-36	2003-02-05 00:00:00	1.6000e+00
513	WIN_CHNEPMP_268_220	2021-10-28 09:40:00	1.3900e+00
5002	STORET_21FLA_27010016	2015-11-09 00:00:00	8.0000e-01
5002	STORET_21FLA_27010183	2002-03-05 00:00:00	7.6000e-01
5002	STORET_21FLCEN_27020346	2015-08-11 00:00:00	8.7000e-01
5002	STORET_21FLDADE_CM02	2011-06-07 00:00:00	2.0000e+02
5002	STORET_21FLDADE_OL03	2011-06-06 00:00:00	1.6415e+04
5002	STORET_21FLGW_9717	2003-10-13 00:00:00	1.1000e+00
5002	STORET_21FLHILL_092	2007-04-24 00:00:00	1.6670e+00
5002	STORET_21FLHILL_112	2007-07-25 00:00:00	1.0990e+00
5002	STORET_21FLMANA_362	2002-03-25 00:00:00	1.9700e+00
5002	STORET_21FLMANA_365	2007-03-28 00:00:00	7.8000e-01
5002	STORET_21FLMANA_386	2017-04-11 00:00:00	8.0000e-01
5002	STORET_21FLMANA_400	2002-05-06 00:00:00	9.0000e-01
5002	STORET_21FLMANA_400	2017-04-11 00:00:00	8.7000e-01
5002	STORET_21FLMANA_408	1996-07-15 00:00:00	1.2600e+00
5002	STORET_21FLMANA_421	2011-12-06 00:00:00	7.6000e-01
5002	STORET_21FLMANA_422	2002-10-08 00:00:00	7.8500e-01
5002	STORET_21FLMANA_425	2008-08-26 00:00:00	1.1400e+00
5002	STORET_21FLMANA_425	2017-04-11 00:00:00	8.9000e-01
5002	STORET_21FLMANA_BH1	2001-10-30 00:00:00	1.5700e+00
5002	STORET_21FLMANA_BH1	2001-11-01 00:00:00	2.9300e+00
5002	STORET_21FLMANA_BH1	2001-11-06 00:00:00	3.0500e+00
5002	STORET_21FLMANA_BH1	2001-11-08 00:00:00	2.7580e+01
5002	STORET_21FLMANA_BH1	2001-11-13 00:00:00	5.0800e+00
5002	STORET_21FLMANA_BH1	2001-11-15 00:00:00	4.2400e+00
5002	STORET_21FLMANA_BH1	2001-11-30 00:00:00	9.1800e-01
5002	STORET_21FLMANA_BH1	2001-12-04 00:00:00	1.1000e+00
5002	STORET_21FLMANA_BH1	2001-12-06 00:00:00	1.3900e+00
5002	STORET_21FLMANA_BH1	2001-12-11 00:00:00	9.2200e-01
5002	STORET_21FLMANA_BH1	2001-12-13 00:00:00	1.5500e+00

ProgramID	ProgramLocationID	SampleDate	Result Value
5002	STORET_21FLMANA_BH1	2002-03-21 00:00:00	7.5600e-01
5002	STORET_21FLMANA_BH1	2002-08-09 00:00:00	7.5900e-01
5002	STORET_21FLMANA_BH1	2002-08-12 00:00:00	7.7000e-01
5002	STORET_21FLMANA_BH1	2002-08-29 00:00:00	7.7800e-01
5002	STORET_21FLMANA_BH1	2003-01-02 00:00:00	9.1500e-01
5002	STORET_21FLMANA_BH1	2003-02-18 00:00:00	1.7030e+00
5002	STORET_21FLMANA_BH1	2003-04-10 00:00:00	8.1800e-01
5002	STORET_21FLMANA_BH1	2003-09-19 00:00:00	7.7000e-01
5002	STORET_21FLMANA_BH1	2004-11-03 00:00:00	8.8000e-01
5002	STORET_21FLMANA_BH1A	2003-04-10 00:00:00	8.2400e-01
5002	STORET_21FLMANA_BH1A	2003-05-27 00:00:00	7.4400e-01
5002	STORET_21FLMANA_BH2	2001-11-01 00:00:00	2.9200e+00
5002	STORET_21FLMANA_BH2	2001-11-06 00:00:00	1.2200e+00
5002	STORET_21FLMANA_BH2	2001-11-08 00:00:00	1.7800e+00
5002	STORET_21FLMANA_BH2	2001-11-13 00:00:00	1.7000e+00
5002	STORET_21FLMANA_BH2	2001-11-15 00:00:00	7.8900e-01
5002	STORET_21FLMANA_BH2	2001-12-06 00:00:00	7.5400e-01
5002	STORET_21FLMANA_BH3	2001-11-08 00:00:00	1.0400e+00
5002	STORET_21FLMANA_BH3	2001-11-13 00:00:00	9.5400e-01
5002	STORET_21FLMANA_BH3	2002-01-23 00:00:00	8.6700e-01
5002	STORET_21FLMANA_BH3	2002-05-21 00:00:00	1.0700e+00
5002	STORET_21FLMANA_BH3	2002-06-26 00:00:00	1.5500e+00
5002	STORET_21FLMANA_BH3	2003-02-25 00:00:00	8.1200e-01
5002	STORET_21FLMANA_BH3	2003-09-09 00:00:00	1.8000e+00
5002	STORET_21FLMANA_FC1	2006-06-14 00:00:00	8.4000e-01
5002	STORET_21FLMANA_FC1	2006-09-06 00:00:00	7.7000e-01
5002	STORET_21FLMANA_FC1	2007-06-20 00:00:00	7.5000e-01
5002	STORET_21FLMANA_FC1	2008-07-15 00:00:00	7.7000e-01
5002	STORET_21FLMANA_FC1	2009-08-19 00:00:00	1.0100e+00
5002	STORET_21FLMANA_FC1	2009-09-29 00:00:00	8.9000e-01
5002	STORET_21FLMANA_FC1	2010-05-11 00:00:00	2.7200e+00
5002	STORET_21FLMANA_FC1	2010-06-29 00:00:00	8.7000e-01
5002	STORET_21FLMANA_FC1	2010-07-20 00:00:00	7.7000e-01
5002	STORET_21FLMANA_FC1	2010-08-17 00:00:00	8.3000e-01
5002	STORET_21FLMANA_FC1	2011-01-19 00:00:00	1.0700e+00
5002	STORET_21FLMANA_FC1	2011-06-22 00:00:00	8.4000e-01
5002	STORET_21FLMANA_FC1	2011-08-10 00:00:00	9.8000e-01
5002	STORET_21FLMANA_FC1	2011-09-07 00:00:00	7.5000e-01
5002	STORET_21FLMANA_FC1	2012-04-17 00:00:00	1.2200e+00
5002	STORET_21FLMANA_FC1	2012-06-12 00:00:00	1.0600e+00
5002	STORET_21FLMANA_FC1	2013-02-13 00:00:00	1.2900e+00
5002	STORET_21FLMANA_FC1	2013-08-20 00:00:00	7.5000e-01
5002	STORET_21FLMANA_FC1	2014-07-15 00:00:00	8.8000e-01
5002	STORET_21FLMANA_FC1	2014-09-09 00:00:00	8.1000e-01
5002	STORET_21FLMANA_FC1	2015-07-01 00:00:00	7.9000e-01
5002	STORET_21FLMANA_FC1	2015-08-04 00:00:00	1.0000e+00
5002	STORET_21FLMANA_FC1	2017-07-27 00:00:00	8.5100e-01
5002	STORET_21FLMANA_FC1	2017-09-27 00:00:00	9.7700e-01
5002	STORET_21FLPDEM_E1 11-01	2002-11-13 00:00:00	8.6000e-01
5002	STORET_21FLPDEM_E1-A-08-01	2008-02-19 00:00:00	8.2000e-01
5002	STORET_21FLPDEM_E1-C-07-04	2007-05-15 00:00:00	1.1000e+00
5002	STORET_21FLPDEM_E3-D-08-01	2008-02-05 00:00:00	8.0000e-01

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLPDEM_E5-B-10-02	2010-03-22 00:00:00	9.4000e-01
5002	STORET_21FLPDEM_E6-C-05-05	2005-06-29 00:00:00	7.6000e-01
5002	STORET_21FLPDEM_W4-A-11-06	2011-09-08 00:00:00	7.7000e-01
5002	STORET_21FLPDEM_W5-C-06-03	2006-03-27 00:00:00	8.3000e-01
5002	STORET_21FLPDEM_W6-A-06-06	2006-08-02 00:00:00	9.5000e-01
5002	STORET_21FLPNS_300743908411593	2006-03-30 00:00:00	3.5000e+00
5002	STORET_21FLSARA_LB-2-01	2002-01-22 00:00:00	7.5000e-01
5002	STORET_21FLSARA_LB-3-12	2006-12-05 00:00:00	8.3000e-01
5002	STORET_21FLSFWM_HR1	2004-09-20 00:00:00	1.0400e+00
5002	STORET_21FLSJWM_CCC	1999-06-14 00:00:00	9.6400e-01
5002	STORET_21FLSJWM_GAR	1999-06-14 00:00:00	1.1600e+00
5002	STORET_21FLSJWM_GAR	2010-09-22 00:00:00	1.0198e+00
5002	STORET_21FLSJWM_JXTR17	1999-06-14 00:00:00	1.1800e+00
5002	STORET_21FLSJWM_JXTR21	1999-06-21 00:00:00	1.1300e+00
5002	STORET_21FLSJWM_MAT	2005-09-14 00:00:00	8.6028e-01
5002	STORET_21FLSJWM_MRT	1999-06-21 00:00:00	7.8200e-01
5002	STORET_21FLSJWM_SMITHCR	1998-12-14 00:00:00	8.8900e-01
5002	STORET_21FLSJWM_SMITHCR	1999-06-14 00:00:00	1.2300e+00
5002	STORET_21FLSJWM_STOKESCR	1999-06-14 00:00:00	1.1300e+00
5002	STORET_21FLSJWM_TOL	1999-06-14 00:00:00	1.2400e+00
5002	STORET_21FLTPA_2821288240456	2005-04-05 00:00:00	1.5000e+00
5002	STORET_21FLWQSP_TC3	2011-09-27 00:00:00	8.4000e-01
5002	WIN_21FLHILL_66	2020-12-07 11:40:00	1.6257e+01
5002	WIN_21FLHILL_66	2021-02-09 13:03:00	1.1490e+00
5002	WIN_21FLJXWQ_TIM11	2022-02-08 13:45:00	8.9100e-01
5002	WIN_21FLMANA_FC1	2018-06-05 10:49:00	8.0200e-01
5002	WIN_21FLMANA_FC1	2018-09-05 10:55:00	9.3100e-01
5002	WIN_21FLMANA_FC1	2019-01-14 11:43:00	8.1200e-01
5002	WIN_21FLMANA_FC1	2019-08-05 11:07:00	7.7100e-01
5002	WIN_21FLMANA_FC1	2020-08-26 11:33:00	8.3000e-01
5002	WIN_21FLSJWM_442663	2021-08-25 10:55:00	1.1366e+00
5002	WIN_21FLTPA_G1SW0120	2022-09-12 12:20:00	7.7000e-01
5014	WIN_21FLGTM_GTMGL1NUT	2021-06-07 12:13:00	9.3200e-01

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

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

479 - Southwest Florida Water Management District - Water Quality Monitoring

513 - Coastal Charlotte Harbor Monitoring Network

5002 - Florida STORET / WIN

5014 - Guana River and Guana Lake Water Quality Monitoring

Total Suspended Solids, TSS

Table 20: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	11NPSWRD_WQX-CANA_NPS_4	1992-11-16 00:00:00	240
103	11NPSWRD_WQX-TIMU_BESD_FG6A	1988-08-09 00:00:00	287
103	21FLPDEM_WQX-W6-A-21-03	2021-05-10 00:00:00	930
513	STORET_CHNEPCHW-78	2004-07-13 00:00:00	212
513	STORET_CHNEPLLB-520	2004-06-24 00:00:00	277
513	WIN_CHNEPMP_268_226	2022-04-28 10:17:00	525
4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 19:30:00	460
4054	WIN_21FLWQA_GTMPCNUT	2015-06-29 22:00:00	232
4054	WIN_21FLWQA_GTMPCNUT	2015-06-30 10:30:00	254
4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 19:30:00	360
4054	WIN_21FLWQA_GTMPCNUT	2015-08-10 22:00:00	428
4054	WIN_21FLWQA_GTMPCNUT	2015-09-07 19:30:00	216
5002	STORET_21FLDADE_BB05A	2010-12-06 00:00:00	188
5002	STORET_21FLDADE_BB05A	2016-06-06 00:00:00	284
5002	STORET_21FLDADE_BB09	2016-06-06 00:00:00	267
5002	STORET_21FLDADE_BB11	2016-06-06 00:00:00	288
5002	STORET_21FLDADE_BB14	2015-06-01 00:00:00	188
5002	STORET_21FLDADE_BB14	2016-06-06 00:00:00	266
5002	STORET_21FLDADE_BB17	2015-06-02 00:00:00	244
5002	STORET_21FLDADE_BB17	2016-06-07 00:00:00	194
5002	STORET_21FLDADE_BB22	2015-06-02 00:00:00	290
5002	STORET_21FLDADE_BB22	2016-06-07 00:00:00	278
5002	STORET_21FLDADE_BB24	2016-06-07 00:00:00	320
5002	STORET_21FLDADE_BB47	2007-06-06 00:00:00	201
5002	STORET_21FLDADE_BB47	2015-09-16 00:00:00	211
5002	STORET_21FLDADE_CD01A	2015-06-04 00:00:00	189
5002	STORET_21FLDADE_LR01	2016-06-06 00:00:00	295
5002	STORET_21FLDADE_MR01	2015-06-02 00:00:00	196
5002	STORET_21FLDADE_MR01	2016-06-07 00:00:00	259
5002	STORET_21FLEECO_EB-04	2006-01-17 00:00:00	193
5002	STORET_21FLEECO_EB-04	2009-01-20 00:00:00	239
5002	STORET_21FLGW_7437	2000-06-07 00:00:00	350
5002	STORET_21FLMANA_361	2006-07-25 00:00:00	298
5002	STORET_21FLMANA_400	2006-07-25 00:00:00	244
5002	STORET_21FLMANA_408	2006-07-25 00:00:00	272
5002	STORET_21FLMANA_425	2006-07-25 00:00:00	312
5002	STORET_21FLPNS_294420008459335	2007-10-30 00:00:00	863
5002	STORET_21FLPNS_294507108500387	2007-10-30 00:00:00	904
5002	STORET_21FLPNS_294607808502290	2007-06-05 00:00:00	794
5002	STORET_21FLPNS_294607808502290	2007-07-17 00:00:00	849
5002	STORET_21FLPNS_294607808502290	2007-10-31 00:00:00	816
5002	STORET_21FLPNS_294653208502492	2007-10-16 00:00:00	232
5002	STORET_21FLPNS_294723608502575	2007-10-24 00:00:00	732
5002	STORET_21FLPNS_294723608502575	2007-10-30 00:00:00	910
5002	STORET_21FLPNS_294747008503098	2007-01-31 00:00:00	244
5002	STORET_21FLPNS_294747008503098	2007-06-20 00:00:00	619
5002	STORET_21FLPNS_294747008503098	2007-10-24 00:00:00	284
5002	STORET_21FLPNS_294811008503068	2007-01-31 00:00:00	251

ProgramID	ProgramLocationID	SampleDate	ResultValue
5002	STORET_21FLPNS_294828708503058	2007-01-31 00:00:00	237
5002	STORET_21FLPNS_294834108503266	2007-01-31 00:00:00	257
5002	STORET_21FLPNS_294834108503266	2007-10-30 00:00:00	914
5002	STORET_21FLPNS_300546728411373	2006-03-02 00:00:00	10200
5002	STORET_21FLPNS_300546728411373	2006-11-01 00:00:00	20400
5002	STORET_21FLPNS_300546728411373	2006-11-29 00:00:00	6980
5002	STORET_21FLPNS_300743908411593	2006-03-02 00:00:00	406
5002	STORET_21FLPNS_300743908411593	2006-11-01 00:00:00	5480
5002	STORET_21FLPNS_300743908411593	2006-11-29 00:00:00	24800
5002	STORET_21FLSJWM_GAR	2009-04-15 00:00:00	201
5002	STORET_21FLSJWM_MAT	1999-06-21 00:00:00	199
5002	STORET_21FLSJWM_MAT	1999-08-09 00:00:00	206
5002	WIN_21FLPDEM_W6-A-21-03	2021-05-10 12:45:00	930
5033	WIN_21FLCRCRP_BAK020	2017-10-24 11:50:00	251
5033	WIN_21FLCRCRP_BAK020	2017-10-24 11:55:00	361
5033	WIN_21FLCRCRP_BAK021	2017-10-24 12:05:00	434
5033	WIN_21FLCRCRP_BAK022	2017-10-24 11:25:00	225
5033	WIN_21FLCRCRP_BAK023	2017-10-24 11:35:00	228
5033	WIN_21FLCRCRP_HIL052	2017-12-12 09:10:00	260

Programs containing flagged data:

103 - EPA STOrage and RETrieval Data Warehouse (STORET)

513 - Coastal Charlotte Harbor Monitoring Network

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

5002 - Florida STORET / WIN

5033 - Southeast Florida Water Quality Assessment Survey

Turbidity

Table 21: Flagged Values - High Indicator Quantile

ProgramID	ProgramLocationID	SampleDate	ResultValue
95	18583	2013-07-16 00:00:00	2127.9000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-02-23 00:00:00	307.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-20 00:00:00	129.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-23 00:00:00	383.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-26 00:00:00	663.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-03-27 00:00:00	170.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-02 00:00:00	168.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-02 00:00:00	346.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-06 00:00:00	498.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-06 00:00:00	242.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-10 00:00:00	203.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-10 00:00:00	180.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-14 00:00:00	170.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-14 00:00:00	135.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-16 00:00:00	135.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-18 00:00:00	126.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-04-18 00:00:00	240.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-05-31 00:00:00	605.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-05-31 00:00:00	170.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-01 00:00:00	187.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	277.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	272.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	216.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	150.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-02 00:00:00	627.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	179.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	168.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-03 00:00:00	241.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-04 00:00:00	163.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-04 00:00:00	169.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-06 00:00:00	146.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-06-06 00:00:00	789.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-06 00:00:00	288.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-06 00:00:00	144.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-07 00:00:00	150.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	714.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	709.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-13 00:00:00	232.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-15 00:00:00	127.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-16 00:00:00	132.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-16 00:00:00	157.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-26 00:00:00	163.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-26 00:00:00	170.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	157.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	175.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	158.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	196.0000

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	201.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-27 00:00:00	123.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-28 00:00:00	739.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-28 00:00:00	224.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	181.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	126.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	130.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	134.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	293.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	146.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	172.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	234.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-29 00:00:00	493.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	130.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	172.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	126.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	163.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-30 00:00:00	247.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	175.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	136.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	131.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	132.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-10-31 00:00:00	149.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-02 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-02 00:00:00	149.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	157.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	126.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	153.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-05 00:00:00	170.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-06 00:00:00	152.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	129.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	137.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-07 00:00:00	167.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-08 00:00:00	191.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-08 00:00:00	214.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-09 00:00:00	156.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	142.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	166.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-10 00:00:00	122.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-11 00:00:00	136.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	176.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	194.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	163.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	184.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-24 00:00:00	278.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-11-25 00:00:00	308.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-02 00:00:00	272.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-02 00:00:00	134.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	145.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	189.0000

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	130.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	249.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	794.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-03 00:00:00	276.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	162.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	125.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	149.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	127.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	159.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	350.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	236.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	304.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	333.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-06 00:00:00	480.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	196.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	200.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	654.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	181.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-07 00:00:00	137.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	128.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	149.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	135.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	145.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	256.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-08 00:00:00	233.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	144.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	163.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-11 00:00:00	208.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	193.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	212.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	186.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	148.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	161.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	683.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	128.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1997-12-12 00:00:00	159.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-19 00:00:00	386.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-20 00:00:00	220.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-21 00:00:00	343.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-22 00:00:00	251.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-22 00:00:00	185.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-23 00:00:00	276.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-26 00:00:00	696.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-26 00:00:00	128.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	484.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	160.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-29 00:00:00	145.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	142.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	185.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	253.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-30 00:00:00	177.0000

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	204.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	224.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	208.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-01-31 00:00:00	150.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-01 00:00:00	245.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-06 00:00:00	288.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	607.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	180.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-07 00:00:00	492.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	181.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	382.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-12 00:00:00	297.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-13 00:00:00	292.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-14 00:00:00	205.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-14 00:00:00	144.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	153.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	186.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	160.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	162.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-15 00:00:00	165.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-16 00:00:00	431.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	165.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	160.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	163.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	121.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	210.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	226.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-18 00:00:00	144.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-19 00:00:00	280.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-19 00:00:00	157.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-21 00:00:00	154.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-22 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-24 00:00:00	228.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-24 00:00:00	167.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-25 00:00:00	121.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-25 00:00:00	152.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	122.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	129.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-26 00:00:00	269.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	121.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	134.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-27 00:00:00	421.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	129.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	644.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	298.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-02-28 00:00:00	179.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-01 00:00:00	197.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-02 00:00:00	165.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	134.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	155.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-03 00:00:00	259.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-04 00:00:00	144.0000

ProgramID	ProgramLocationID	SampleDate	ResultValue
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-06 00:00:00	178.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	194.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	418.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	551.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	302.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	223.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	310.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	853.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	135.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-11 00:00:00	142.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	292.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	537.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	273.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-12 00:00:00	329.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-03-16 00:00:00	145.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-04-27 00:00:00	221.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-04-29 00:00:00	179.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-09 00:00:00	142.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-11 00:00:00	136.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	151.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	239.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	228.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-12 00:00:00	329.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-18 00:00:00	139.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	138.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	122.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	186.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	142.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-22 00:00:00	143.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-28 00:00:00	166.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-30 00:00:00	234.0000
103	11NPSWRD_WQX-TIMU_BRD_CPK	1998-06-30 00:00:00	191.0000
103	21FLSCCF_WQX-NWR09	2021-02-17 00:00:00	138.6922
303	WIN_21FLSCCF_DZPIS03	2019-08-21 09:15:00	142.4473
303	WIN_21FLSCCF_DZPIS03	2019-09-18 09:43:00	558.8458
303	WIN_21FLSCCF_NWR01	2019-06-05 08:53:00	143.2065
303	WIN_21FLSCCF_NWR01	2020-02-24 09:34:00	163.3936
303	WIN_21FLSCCF_NWR01	2020-11-17 09:46:00	353.3096
303	WIN_21FLSCCF_NWR02	2019-06-05 08:38:00	433.0873
303	WIN_21FLSCCF_NWR02	2019-07-15 08:45:00	125.9650
303	WIN_21FLSCCF_NWR02	2019-11-20 12:06:00	379.2151
303	WIN_21FLSCCF_NWR02	2020-09-10 10:45:00	847.2626
303	WIN_21FLSCCF_NWR03	2019-10-23 08:30:00	185.3293
303	WIN_21FLSCCF_NWR09	2020-09-10 09:35:00	331.8811
303	WIN_21FLSCCF_NWR09	2021-02-17 10:15:00	138.6922
303	WIN_21FLSCCF_NWR10	2019-06-05 10:10:00	292.8439
303	WIN_21FLSCCF_NWR10	2019-07-15 10:47:00	152.9200
303	WIN_21FLSCCF_NWR10	2019-08-21 10:07:00	190.7025
303	WIN_21FLSCCF_NWR10	2019-10-23 10:09:00	181.1706
303	WIN_21FLSCCF_NWR10	2020-02-24 11:14:00	634.2933
303	WIN_21FLSCCF_NWR10	2020-11-17 11:17:00	614.5774
303	WIN_21FLSCCF_SCAL_SPAT03	2019-10-23 11:15:00	166.2197

ProgramID	ProgramLocationID	SampleDate	ResultValue
303	WIN_21FLSCCF_SCAL_SPAT06	2019-11-20 11:17:00	204.1218
303	WIN_21FLSCCF_SCAL_SPAT06	2020-02-24 12:35:00	152.4577
303	WIN_21FLSCCF_SCAL_SPAT09	2019-06-05 13:27:00	327.5744
303	WIN_21FLSCCF_SCAL_SPAT09	2019-09-18 12:40:00	264.8847
303	WIN_21FLSCCF_SCAL_SPAT09	2019-10-23 08:41:00	124.5069
303	WIN_21FLSCCF_SCAL_SPAT09	2020-02-24 13:08:00	182.9948
354	rkbllhnut	2004-08-30 08:30:00	192.0000
354	rkbllhnut	2004-08-30 11:00:00	197.0000
354	rkbllhnut	2004-08-30 13:30:00	202.0000
354	rkbllhnut	2004-08-30 16:00:00	207.0000
354	rkbllhnut	2004-08-30 18:30:00	212.0000
354	rkbllhnut	2004-08-30 21:00:00	217.0000
354	rkbllhnut	2004-08-30 23:30:00	222.0000
354	rkbllhnut	2004-08-31 02:00:00	227.0000
354	rkbllhnut	2004-08-31 04:30:00	232.0000
354	rkbllhnut	2004-08-31 07:00:00	237.0000
354	rkbllhnut	2005-10-16 08:30:00	294.8000
354	rkbllhnut	2005-10-16 16:00:00	358.1000
354	rkbllhnut	2005-10-16 21:00:00	197.6000
354	rkbllhnut	2005-10-16 23:30:00	371.5000
4058	56	2017-04-18 12:45:00	478.0000
5002	STORET_21FLCOLL_LKMRCOSH	1995-04-13 00:00:00	154.0000
5002	STORET_21FLPNS_300546728411373	2006-03-30 00:00:00	121.0000
5002	STORET_21FLPNS_300743908411593	2006-03-30 00:00:00	124.0000
5002	STORET_21FLSEAS_16SEAS360	2010-01-26 00:00:00	164.0000
5002	STORET_21FLSEAS_30SEAS190	2017-10-17 00:00:00	129.1000
5002	STORET_21FLSEAS_30SEAS200	2017-05-01 00:00:00	131.4000
5002	STORET_21FLWQA_300751208544378	2005-04-27 00:00:00	830.0000
5026	WQ01	2019-09-10 00:00:00	495.7600

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