



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Air Temp

Units: °C

Period of Record: 4/19/2004 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/2/2019	46	0	46	4.5	28.5	18.22	18.5	6.659	8.04	13.38	24.03	27.36
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	0	26	8.8	27.5	19.05	19.65	5.309	10.97	15.53	24.5	26.1
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/2/2019	43	0	43	10.3	32.6	21.16	21.7	5.497	12.36	16.6	26	27.84



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: ANC Field

Units: mg/l CaCO₃

Period of Record: 4/19/2004 - 4/24/2012

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 2/5/2008	9	2	7	21.7	34.5	27.06	---	5.327	---	---	---	---
GUCO_WQ	GUCO_GSGS	4/19/2004 - 10/4/2005	8	1	7	18	39.7	29.16	---	6.984	---	---	---	---
GUCO_WQ	GUCO_HFSP	4/24/2012 - 4/24/2012	1	0	1	51.4	51.4	51.4	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: ANC Lab

Units: mg/l CaCO₃

Period of Record: 1/5/2006 - 7/15/2014

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	1/5/2006 - 7/15/2014	26	0	26	14.8	41.6	27.79	25.8	9.043	16.93	19.25	38.03	40.49
GUCO_WQ	GUCO_GSGS	1/5/2006 - 7/15/2014	25	0	25	17.5	47.6	35.2	36.2	8.305	21.66	29	42.55	44.1
GUCO_WQ	GUCO_HFSP	10/21/2009 - 7/15/2014	14	0	14	32.2	80.7	57.69	59.45	13.93	37.05	43.13	67.8	76.25



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Atrazine

Units: µg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	6	6	0									
GUCO_WQ	GUCO_HCHC	7/12/2004 - 1/24/2005	4	4	0									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Ca

Units: mg/l

Period of Record: 10/18/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	10/18/2004 - 1/24/2005	3	0	3	6.653	11.1	8.148	---	2.556	---	---	---	---
GUCO_WQ	GUCO_GSGS	10/18/2004 - 1/24/2005	3	0	3	7.07	10.5	9.257	---	1.9	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Chyl-a

Units: ppb

Period of Record: 4/19/2004 - 10/18/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	10/18/2004 - 10/18/2004	1	0	1	0.0158	0.0158	0.0158	---	...	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 10/18/2004	3	0	3	0.0369	4.434	1.558	---	2.492	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Cl

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	0	7	1.789	5.221	2.553	---	1.202	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5	2.655	8.111	4.448	---	2.167	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: converted pH

Units: None

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	5.53	7.78	6.155	6.28	0.6129	5.801	6.128	5.213	5.236
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	37	0	37	5.5	6.88	6.241	6.38	0.5625	5.968	6.225	5.206	5.224
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	41	0	41	5.91	7.38	6.647	6.89	0.2575	6.172	6.675	5.176	5.21



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: converted

Units: None

Period of Record: 11/8/2018 - 11/8/2018

pH_Apera_SX823-B

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	11/8/2018 - 11/8/2018	1	1	0									
GUCO_WQ	GUCO_HCHC	11/8/2018 - 11/8/2018	2	2	0									
GUCO_WQ	GUCO_HFSP	11/8/2018 - 11/8/2018	1	1	0									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: converted
pH_Oakton300_Series

Units: None

Period of Record: 2/14/2019 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	2/14/2019 - 8/2/2019	4	0	4	6.24	6.77	6.396	---	0.1691	---	---	---	---
GUCO_WQ	GUCO_GSGS	2/14/2019 - 8/2/2019	5	0	5	6.52	6.98	6.723	---	0.0831	---	---	---	---
GUCO_WQ	GUCO_HCHC	2/14/2019 - 8/2/2019	3	0	3	6.7	7.28	6.961	---	0.079	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Discharge

Units: l/sec

Period of Record: 4/19/2004 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	11/3/2016 - 8/2/2019	11	0	11	0	1	0.3682	0.4	0.2704	0.02	0.2	0.5	0.9
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/2/2019	41	0	41	0.01	6	1.631	0.8	1.989	0.046	0.33	2.013	6
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/2/2019	41	0	41	0.22	61.75	10.2	7.56	12.05	0.8	1.665	13.46	27.91



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: DO sat

Units: %

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	17	96.5	58.6	61.5	19.04	21.32	50.9	70.3	78.1
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	35	0	35	22.2	91.7	63.78	63.6	18.13	34.94	57.4	79.2	83.9
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	40	0	40	68.4	119	91.02	91.95	13.24	72.05	81.22	96.3	112.4



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: DO_conc

Units: mg/l

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	1.62	8.53	5.779	6.02	1.886	1.948	4.99	7.145	7.84
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	35	0	35	2.15	10.2	6.393	6.18	2.033	3.322	5.34	8.13	9.1
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	40	0	40	5.94	12.44	9.259	9.27	1.963	6.654	7.435	11.07	11.91



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: DO_Conc_YSI_ProODO **Units:** mg/l

Period of Record: 11/8/2018 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	11/8/2018 - 8/2/2019	5	0	5	1.46	7.35	4.732	---	2.223	---	---	---	---
GUCO_WQ	GUCO_GSGS	11/8/2018 - 8/2/2019	6	0	6	7.06	9.92	8.155	---	1.368	---	---	---	---
GUCO_WQ	GUCO_HCHC	11/8/2018 - 8/2/2019	5	0	5	7.54	12.18	9.11	---	1.872	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: DO_Sat_YSI_ProODO

Units: %

Period of Record: 11/8/2018 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	11/8/2018 - 8/2/2019	5	0	5	15.1	73.2	47.72	---	22.02	---	---	---	---
GUCO_WQ	GUCO_GSGS	11/8/2018 - 8/2/2019	6	0	6	73.1	88.7	80.3	---	6.961	---	---	---	---
GUCO_WQ	GUCO_HCHC	11/8/2018 - 8/2/2019	5	0	5	85.6	104.8	92.14	---	7.371	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: e. Coli

Units: MPN/100ml

Period of Record: 10/4/2005 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	4	22	1	1986	180.5	20.75	431.9	2	4.85	171.4	543.9
GUCO_WQ	GUCO_GSGS	10/4/2005 - 8/2/2019	36	6	30	7.45	1986	343.3	114.5	468.7	32.91	56.43	524.8	966.8
GUCO_WQ	GUCO_HCHC	10/4/2005 - 8/2/2019	41	1	40	17.1	2420	390.1	143	599.3	43.38	61.61	442.7	1152



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: FC Field

Units: #/100ml

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	0	7	100	518.8	326.4	---	197.8	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5	67	1392	411.2	---	555.1	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Fl

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	3	2	0.1088	0.1506	0.1297	---	0.0296	---	---	---	---
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	4	3	0.1344	0.1473	0.1402	---	0.0065	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Flow

Units:

Period of Record: 10/18/2004 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	10/18/2004 - 8/2/2019	39	0	Data Type Does Not Allow Descriptive Statistics									
GUCO_WQ	GUCO_HCHC	10/18/2004 - 8/2/2019	43	0	Data Type Does Not Allow Descriptive Statistics									
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	0	Data Type Does Not Allow Descriptive Statistics									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: GM e. Coli

Units: MPN/100ml

Period of Record: 10/4/2005 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	4	22			25.95						
GUCO_WQ	GUCO_GSGS	10/4/2005 - 8/2/2019	36	6	30			156						
GUCO_WQ	GUCO_HCHC	10/4/2005 - 8/2/2019	41	1	40			176.8						



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: GM FC Field

Units: #/100ml

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5			225.2						
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	0	7			262.3						



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: GM Total Coliform

Units: #/100ml

Period of Record: 10/4/2005 - 10/22/2007

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	10/4/2005 - 7/11/2006	8	4	4			607.2						
GUCO_WQ	GUCO_GSGS	10/4/2005 - 10/22/2007	6	4	2			1154						



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: H+ computed from pH **Units:** µeq/l

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	41	0	41	0.0417	1.23	0.2253	0.1288	0.2575	0.06	0.0776	0.2114	0.673
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	37	0	37	0.1318	3.162	0.5745	0.4169	0.5625	0.2199	0.2922	0.596	1.077
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	0.0166	2.951	0.6998	0.5248	0.6129	0.2897	0.4677	0.7445	1.581



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: H+ computed from
pH_Apera_SX823-B

Units: µeq/l

Period of Record: 11/8/2018 - 11/8/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	11/8/2018 - 11/8/2018	1	1	0									
GUCO_WQ	GUCO_HCHC	11/8/2018 - 11/8/2018	2	2	0									
GUCO_WQ	GUCO_HFSP	11/8/2018 - 11/8/2018	1	1	0									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: H+ computed from
pH_Oakton300_Series

Units: µeq/l

Period of Record: 2/14/2019 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	2/14/2019 - 8/2/2019	3	0	3	0.0525	0.1995	0.1093	---	0.079	---	---	---	---
GUCO_WQ	GUCO_GSGS	2/14/2019 - 8/2/2019	5	0	5	0.1047	0.302	0.1892	---	0.0831	---	---	---	---
GUCO_WQ	GUCO_HFSP	2/14/2019 - 8/2/2019	4	0	4	0.1698	0.5754	0.4021	---	0.1691	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: K

Units: mg/l

Period of Record: 10/18/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	10/18/2004 - 1/24/2005	3	0	3	1.1	1.56	1.393	---	0.2548	---	---	---	---
GUCO_WQ	GUCO_HCHC	10/18/2004 - 1/24/2005	3	0	3	1.796	2.14	1.913	---	0.1969	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Log e. Coli

Units: log(MPN/100ml)

Period of Record: 10/4/2005 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	4	22	0	3.298	1.414	1.309	~~~	0.301	0.6839	2.232	2.733
GUCO_WQ	GUCO_GSGS	10/4/2005 - 8/2/2019	36	6	30	0.8722	3.298	2.193	2.059	0.5746	1.517	1.751	2.72	2.985
GUCO_WQ	GUCO_HCHC	10/4/2005 - 8/2/2019	41	1	40	1.233	3.384	2.247	2.155	0.5369	1.637	1.789	2.645	3.056



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Log FC Field

Units: log(#/100ml)

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5	1.826	3.144	2.353	---	0.5049	---	---	---	---
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	0	7	2	2.715	2.419	---	0.3327	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Log Total Coliform

Units: log(#/100ml)

Period of Record: 10/4/2005 - 10/22/2007

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	10/4/2005 - 7/11/2006	8	4	4	2.618	2.953	2.783	---	0.1519	---	---	---	---
GUCO_WQ	GUCO_GSGS	10/4/2005 - 10/22/2007	6	4	2	2.953	3.171	3.062	---	0.154	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Mg

Units: mg/l

Period of Record: 10/18/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	10/18/2004 - 1/24/2005	3	0	3	2.21	2.325	2.283	---	0.0632	---	---	---	---
GUCO_WQ	GUCO_GSGS	10/18/2004 - 1/24/2005	3	0	3	2.42	2.614	2.488	---	0.1092	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Na

Units: mg/l

Period of Record: 10/18/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	10/18/2004 - 1/24/2005	3	0	3	3.52	4.014	3.836	---	0.2744	---	---	---	---
GUCO_WQ	GUCO_GSGS	10/18/2004 - 1/24/2005	3	0	3	4.384	4.96	4.758	---	0.3242	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: NH4

Units: mg/l

Period of Record: 4/19/2004 - 7/12/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 4/19/2004	1	1	0									
GUCO_WQ	GUCO_GSGS	4/19/2004 - 7/12/2004	3	2	1	0.9354	0.9354	0.9354	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: NO3

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5	0.3116	0.8997	0.6342	---	0.2238	---	---	---	---
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	0	7	0.8341	2.755	1.978	---	0.7354	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: NPOC

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	5	0	5	0.5171	0.9542	0.8098	---	0.1725	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	4	0	4	2.624	3.925	3.393	---	0.5484	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Old_Calcium

Units: mg/l

Period of Record: 4/19/2004 - 7/12/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 7/12/2004	4	0	4	6.556	11.82	8.301	---	2.476	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 7/12/2004	2	0	2	7.216	9.706	8.461	---	1.761	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Old_Magnesium

Units: mg/l

Period of Record: 4/19/2004 - 7/12/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 7/12/2004	2	0	2	2.665	4.018	3.341	---	0.9565	---	---	---	---
GUCO_WQ	GUCO_GSGS	4/19/2004 - 7/12/2004	4	0	4	2.706	6.011	3.807	---	1.548	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Old_Potassium

Units: mg/l

Period of Record: 4/19/2004 - 7/12/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 7/12/2004	4	0	4	1.176	2.389	1.613	---	0.5377	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 7/12/2004	2	0	2	1.541	1.817	1.679	---	0.1947	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Old_Sodium

Units: mg/l

Period of Record: 4/19/2004 - 7/12/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 7/12/2004	4	0	4	4.203	8.148	5.898	---	1.681	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 7/12/2004	2	0	2	5.623	7.13	6.376	---	1.065	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: pH

Units: None

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	5.53	7.78	6.287	6.28	0.4119	5.812	6.13	6.33	6.54
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	37	0	37	5.5	6.88	6.349	6.38	0.281	5.968	6.225	6.535	6.658
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	41	0	41	5.91	7.38	6.827	6.89	0.3669	6.172	6.675	7.11	7.222



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: pH_Apera_SX823-B

Units: None

Period of Record: 11/8/2018 - 11/8/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	11/8/2018 - 11/8/2018	1	1	0									
GUCO_WQ	GUCO_HCHC	11/8/2018 - 11/8/2018	2	2	0									
GUCO_WQ	GUCO_HFSP	11/8/2018 - 11/8/2018	1	1	0									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: pH_Oakton300_Series

Units: None

Period of Record: 2/14/2019 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HFSP	2/14/2019 - 8/2/2019	4	0	4	6.24	6.77	6.435	---	0.231	---	---	---	---
GUCO_WQ	GUCO_GSGS	2/14/2019 - 8/2/2019	5	0	5	6.52	6.98	6.758	---	0.1968	---	---	---	---
GUCO_WQ	GUCO_HCHC	2/14/2019 - 8/2/2019	3	0	3	6.7	7.28	7.033	---	0.2996	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: PO4

Units: mg/l

Period of Record: 7/12/2004 - 10/18/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	7/12/2004 - 10/18/2004	4	0	4	0.1252	0.1549	0.1355	---	0.0134	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Precip Past Week

Units: cm

Period of Record: 10/18/2004 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	10/18/2004 - 8/2/2019	36	0	36	0	12.7	2.147	1.3	2.438	0	0.3	3.61	4.53
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	0	26	0	12.7	2.48	1.9	2.644	0.014	0.675	3.8	4.68
GUCO_WQ	GUCO_HCHC	10/18/2004 - 8/2/2019	38	0	38	0	12.7	2.598	1.3	2.986	0	0.5	3.975	5.1



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: SO4

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	7	0	7	1.222	3.055	1.745	---	0.6122	---	---	---	---
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5	3.009	4.137	3.38	---	0.4442	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: SPC

Units: $\mu\text{S/cm}$

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	41	0	41	63	154.5	99.53	100.7	21.57	69	85.8	108.9	130.6
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	37	0	37	54.4	154.3	100.4	101.7	21.54	72.94	90	110.4	124.4
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	85.4	177.1	144.3	147.7	22.07	110.2	130.8	157.7	168.7



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: SPC_Apera_SX823-B

Units: $\mu\text{S/cm}$

Period of Record: 11/8/2018 - 11/8/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	11/8/2018 - 11/8/2018	2	0	2	67	67.3	67.15	---	0.2121	---	---	---	---
GUCO_WQ	GUCO_GSGS	11/8/2018 - 11/8/2018	1	0	1	84.2	84.2	84.2	---	...	---	---	---	---
GUCO_WQ	GUCO_HFSP	11/8/2018 - 11/8/2018	1	0	1	152	152	152	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: SPC_Oakton300_Series

Units: $\mu\text{S/cm}$

Period of Record: 2/14/2019 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	2/14/2019 - 8/2/2019	3	0	3	62.2	97.8	85.73	---	20.38	---	---	---	---
GUCO_WQ	GUCO_GSGS	2/14/2019 - 8/2/2019	5	0	5	83.2	92.8	87.86	---	4.361	---	---	---	---
GUCO_WQ	GUCO_HFSP	2/14/2019 - 8/2/2019	4	0	4	163.5	164.7	164	---	0.5745	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Total Coliform

Units: #/100ml

Period of Record: 10/4/2005 - 10/22/2007

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	10/4/2005 - 7/11/2006	8	4	4	415.3	898.4	635.5	---	219.1	---	---	---	---
GUCO_WQ	GUCO_GSGS	10/4/2005 - 10/22/2007	6	4	2	898.4	1483	1191	---	413.6	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: TSS

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	6	6	0									
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	4	1	9.76	9.76	9.76	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: TSS FS

Units: mg/l

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	6	6	0									
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	5	0									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Turbidity

Units: NTU

Period of Record: 4/19/2004 - 1/24/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_HCHC	4/19/2004 - 1/24/2005	5	0	5	2.38	9.64	5.828	---	3.068	---	---	---	---
GUCO_WQ	GUCO_GSGS	4/19/2004 - 1/24/2005	6	0	6	5.38	21	11.39	---	5.221	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Water Temp

Units: °C

Period of Record: 4/19/2004 - 8/1/2017

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	4/19/2004 - 8/1/2017	37	0	37	7	23.7	15.91	16.1	3.316	11.78	14.8	17.25	20
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/1/2017	21	0	21	11.9	19.6	15.96	15.8	1.439	14.7	15.25	16.45	17.4
GUCO_WQ	GUCO_HCHC	4/19/2004 - 8/1/2017	41	0	41	3.7	27.4	16.02	16.5	6.557	6.44	9.65	21.1	24.98



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Water Temp from YSI_ProODO **Units:** °C

Period of Record: 11/8/2018 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	11/8/2018 - 8/2/2019	6	0	6	10.4	19	15.15	---	3.976	---	---	---	---
GUCO_WQ	GUCO_HFSP	11/8/2018 - 8/2/2019	5	0	5	15.2	16.6	15.96	---	0.5128	---	---	---	---
GUCO_WQ	GUCO_HCHC	11/8/2018 - 8/2/2019	5	0	5	8.8	25	16.82	---	6.262	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Weather

Units:

Period of Record: 7/12/2004 - 8/2/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
GUCO_WQ	GUCO_GSGS	7/12/2004 - 8/2/2019	40	0	Data Type Does Not Allow Descriptive Statistics									
GUCO_WQ	GUCO_HCHC	10/18/2004 - 8/2/2019	44	0	Data Type Does Not Allow Descriptive Statistics									
GUCO_WQ	GUCO_HFSP	10/21/2009 - 8/2/2019	26	0	Data Type Does Not Allow Descriptive Statistics									



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Reported Local Characteristics				
Local Name	STORET Name	Medium	Subject Taxon	Bio Part
Air Temp	Temperature, air	Air		
ANC Field	Acid Neutralizing Capacity (ANC)	Water		
ANC Lab	Acid Neutralizing Capacity (ANC)	Water		
Atrazine	Atrazine	Water		
Ca	Calcium	Water		
Chyl-a	Chlorophyll a, corrected for pheophytin	Water		
Cl	Chloride	Water		
Discharge	Flow	Water		
DO sat	Dissolved oxygen saturation	Water		
DO_conc	Dissolved oxygen (DO)	Water		
DO_Conc_YSI_ProODO	Dissolved oxygen (DO)	Water		
DO_Sat_YSI_ProODO	Dissolved oxygen saturation	Water		
e. Coli	Escherichia coli	Water		
FC Field	Fecal Coliform	Water		
Fl	Fluoride	Water		
Flow	Flow, stream stage (choice list)	Water		
K	Potassium	Water		
Mg	Magnesium	Water		
Na	Sodium	Water		
NH4	Nitrogen, ammonium (NH4) as NH4	Water		
NO3	Nitrogen, Nitrate (NO3) as NO3	Water		
NPOC	Carbon, organic	Water		
Old_Calcium	Calcium	Water		
Old_Magnesium	Magnesium	Water		
Old_Potassium	Potassium	Water		
Old_Sodium	Sodium	Water		
pH	pH	Water		
pH_Apera_SX823-B	pH	Water		
pH_Oakton300_Series	pH	Water		
PO4	Phosphorus, orthophosphate as PO4	Water		
Precip Past Week	Precipitation	Water		
SO4	Sulfur, sulfate (SO4) as SO4	Water		
SPC	Specific conductance	Water		
SPC_Apera_SX823-B	Specific conductance	Water		



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

SPC_Oakton300_Series	Specific conductance	Water
Total Coliform	Total Coliform	Water
TSS	Solids, Total Suspended (TSS)	Water
TSS FS	Solids, Fixed Suspended	Water
Turbidity	Turbidity	Water
Water Temp	Temperature, water	Water
Water Temp from YSI_ProODO	Temperature, water	Water
Weather	Weather Condition (WMO Code 4501) (Choice List)	Air

Results filtered for:

Organization = CUPN: Cumberland Piedmont Network

Project = GUCO_WQ: CUPN WQ Monitoring, GUCO

Station = Include All Station Visit Results

Excluded 0 Protected Results

Excluded 0 Results at Protected Stations

Missing Statistic Codes:

--- Computation requires 9 observations

~~~ Computation encountered invalid 0

... Computation requires more than 1 observation