



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: 7/10/2002 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_SHTH	11/10/2002 - 4/16/2019	13	0	13	4	26	15.23	18	7.516	4.4	7.5	21.75	24.8
MACA_WQ	MACA_MSMS	7/10/2002 - 9/17/2019	94	1	93	-4	37	16.46	16	9.087	4.24	9.5	24.3	27
MACA_WQ	MACA_PSPS	7/10/2002 - 9/17/2019	93	1	92	-4	34.1	17.35	19.75	8.829	4.58	10	24	27.21
MACA_WQ	MACA_NSTH	10/10/2002 - 11/21/2017	10	0	10	8	28	17.4	17.55	6.206	8.3	11.75	22	27.4
MACA_WQ	MACA_BIGR	7/10/2002 - 9/17/2019	95	4	91	-4	36.5	17.43	20	9.304	4.36	10	25	29.08
MACA_WQ	MACA_LRTH	7/10/2002 - 9/17/2019	68	0	68	-1	40	17.71	19	10.09	4	8.125	26	31.46
MACA_WQ	MACA_HRTH	7/10/2002 - 9/17/2019	73	0	73	-1.5	40	18.02	19	10.12	4	8.75	26	30
MACA_WQ	MACA_ERES	7/10/2002 - 9/17/2019	94	0	94	-2	34	18.7	20.85	9.395	6.75	10.38	26.13	31
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	0	9	16	21	18.77	19.1	1.542	16	17.75	20.05	21
MACA_WQ	MACA_BSBS	7/10/2002 - 9/17/2019	98	1	97	-3	36.8	19.23	20	9.518	5.8	12	26	32
MACA_WQ	MACA_THTH	10/10/2002 - 9/17/2019	64	2	62	-1.5	42	19.26	18	11.3	4.37	10	29.25	34.7
MACA_WQ	MACA_DFDF	7/10/2002 - 9/17/2019	91	1	90	-3	45	19.49	20.5	10.18	5.1	11.75	28	31
MACA_WQ	MACA_UCUC	7/10/2002 - 9/17/2019	90	1	89	-2	37	19.87	21	9.57	6.5	12.5	28	32
MACA_WQ	MACA_GRGR	7/10/2002 - 9/17/2019	95	2	93	-1	38	20.23	21	10.22	6	11.5	30	33
MACA_WQ	MACA_BSBC	7/10/2002 - 9/17/2019	93	2	91	-1	41	20.56	21	10.24	6	12	30	34
MACA_WQ	MACA_NRRR	7/10/2002 - 9/17/2019	92	2	90	0	40	21.02	21	10.76	6	12.6	30.33	34.53



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	40	1	39	21	90	56.05	58	19.02	24	42	72	80
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	42	1	41	18	94	56.78	58	16.87	32.2	47	66	80
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	44	1	43	14	92	61.77	64	17.91	30.4	52	76	79.2
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	39	1	38	20	106	65.47	68	20.78	39.8	47	82.5	90.1
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	66	78	72	---	6	---	---	---	---
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	43	1	42	27	106	77.52	80	19.01	51	69.5	90	98.8
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	42	1	41	22	126	90.24	96	20.13	64.4	80	103	108
MACA_WQ	MACA_NNRN	7/10/2002 - 9/10/2005	40	1	39	32	136	94.77	92	22.64	64	82	112	128
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	41	1	40	44	136	94.95	95.5	23.19	64.2	82	113.5	125.6
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2005	40	1	39	54	164	101.4	104	27.33	64	80	120	140
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	39	1	38	44	146	101.4	100	22.38	73.6	87.75	120	131.1
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	29	1	28	48	196	127.4	131	40.01	77	91	163	178.2
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	19	0	19	64	168	127.8	124	24.36	108	112	150	160
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2005	33	1	32	96	216	156.3	156	31.61	110.6	132	184	196.8
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	124	224	163	---	28.32	---	---	---	---



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: 12/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_LRTH	6/10/2003 - 9/10/2005	11	11	0									
MACA_WQ	MACA_OCTH	8/10/2003 - 5/10/2004	3	3	0									
MACA_WQ	MACA_UCUC	5/9/2003 - 9/10/2005	28	22	6	0.18	0.55	0.2967	---	0.1314	---	---	---	---
MACA_WQ	MACA_BSBS	5/9/2003 - 9/10/2005	30	28	2	0.28	0.37	0.325	---	0.0636	---	---	---	---
MACA_WQ	MACA_DFDF	5/9/2003 - 9/10/2005	28	24	4	0.22	0.76	0.36	---	0.2668	---	---	---	---
MACA_WQ	MACA_ERES	12/10/2002 - 9/10/2005	28	18	10	0.18	0.88	0.408	0.32	0.2351	0.182	0.215	0.5475	0.864
MACA_WQ	MACA_GRGR	5/9/2003 - 9/10/2005	28	18	10	0.15	1.7	0.4129	0.2282	0.4776	0.15	0.165	0.4632	1.595
MACA_WQ	MACA_BSBC	5/9/2003 - 9/10/2005	29	26	3	0.24	0.79	0.4267	---	0.3147	---	---	---	---
MACA_WQ	MACA_MSMS	5/9/2003 - 9/10/2005	30	28	2	0.39	0.62	0.505	---	0.1626	---	---	---	---
MACA_WQ	MACA_BIGR	5/9/2003 - 9/10/2005	27	17	10	0.17	1.921	0.6809	0.265	0.692	0.1718	0.1969	1.525	1.883
MACA_WQ	MACA_NRRR	5/9/2003 - 9/10/2005	27	12	15	0.18	2.3	0.7926	0.5766	0.6867	0.186	0.26	0.9931	2.288
MACA_WQ	MACA_HRTH	5/9/2003 - 9/10/2005	21	15	6	0.22	2.51	0.9483	---	0.9014	---	---	---	---
MACA_WQ	MACA_THTH	5/9/2003 - 9/10/2005	21	15	6	0.22	3.93	0.9783	---	1.465	---	---	---	---
MACA_WQ	MACA_PSPS	5/9/2003 - 9/10/2005	30	23	7	0.15	7.02	1.304	---	2.533	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Br

Units: mg/l

Period of Record: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	9	3	6	0.0365	0.2918	0.1477	---	0.093	---	---	---	---
MACA_WQ	MACA_BIGR	8/10/2002 - 9/10/2005	6	2	4	0.0357	0.8655	0.2976	---	0.3821	---	---	---	---
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	5	1	4	0.1472	0.8707	0.3402	---	0.3539	---	---	---	---
MACA_WQ	MACA_HRTH	8/10/2002 - 9/10/2005	8	4	4	0.1509	0.8941	0.3532	---	0.361	---	---	---	---
MACA_WQ	MACA_UCUC	8/10/2002 - 9/10/2005	7	4	3	0.1356	0.8385	0.3708	---	0.4051	---	---	---	---
MACA_WQ	MACA_NNRN	8/10/2002 - 9/10/2005	7	4	3	0.1501	0.8681	0.3989	---	0.4066	---	---	---	---
MACA_WQ	MACA_PSPS	8/10/2002 - 9/10/2005	6	4	2	0.1312	0.8261	0.4787	---	0.4914	---	---	---	---
MACA_WQ	MACA_DFDF	8/10/2002 - 9/10/2005	6	4	2	0.1418	0.8209	0.4814	---	0.4802	---	---	---	---
MACA_WQ	MACA_GRGR	9/10/2002 - 9/10/2005	5	3	2	0.1256	0.8754	0.5005	---	0.5302	---	---	---	---
MACA_WQ	MACA_BSBC	9/10/2002 - 9/10/2005	5	4	1	0.8125	0.8125	0.8125	---	...	---	---	---	---
MACA_WQ	MACA_MSMS	9/10/2002 - 9/10/2005	7	6	1	0.8161	0.8161	0.8161	---	...	---	---	---	---
MACA_WQ	MACA_BSBS	9/10/2002 - 9/10/2005	6	4	2	0.8252	0.8293	0.8273	---	0.0029	---	---	---	---
MACA_WQ	MACA_OCTH	7/10/2002 - 7/10/2002	1	0	1	0.9073	0.9073	0.9073	---	...	---	---	---	---
MACA_WQ	MACA_ERES	8/10/2002 - 9/10/2005	7	4	3	0.1372	6.855	2.608	---	3.695	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	10/10/2004 - 9/10/2005	12	0	12	20.3	30.7	24.95	24.39	3.186	20.62	22.7	26.5	30.55
MACA_WQ	MACA_DFDF	10/10/2004 - 9/10/2005	12	0	12	19.2	41	27.46	27.37	7.42	19.29	19.99	33.79	39.31
MACA_WQ	MACA_UCUC	10/10/2004 - 9/10/2005	12	0	12	21.6	44.4	31.75	33.29	7.049	21.81	24.07	36.67	42.31
MACA_WQ	MACA_BSBS	10/10/2004 - 9/10/2005	14	0	14	23.2	53.7	35.71	35.05	8.684	23.35	30.13	43.4	49.21
MACA_WQ	MACA_MSMS	10/10/2004 - 9/10/2005	14	0	14	32.2	48.5	36.8	34.8	5.097	32.28	32.39	40.13	46.4
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	13	0	13	21.8	53.94	42.14	43.06	8.401	25.44	39.67	46.33	53.32
MACA_WQ	MACA_PSPS	10/10/2004 - 9/10/2005	12	0	12	30.82	52.1	42.25	40.4	5.987	32.97	39.48	47.42	51.8
MACA_WQ	MACA_GRGR	10/10/2004 - 9/10/2005	11	0	11	28.9	58.89	42.59	41.2	9.081	29.8	35.39	50.24	57.38
MACA_WQ	MACA_BIGR	10/10/2004 - 9/10/2005	13	0	13	31.9	57.8	44.94	43.8	9.123	32.46	36.72	54.04	57.3
MACA_WQ	MACA_NRNR	10/10/2004 - 9/10/2005	12	0	12	39.4	58.23	47.02	48.06	5.397	39.42	42.93	50.05	55.99
MACA_WQ	MACA_THTH	10/10/2004 - 9/10/2005	13	0	13	31.7	98.2	63.71	66.93	16.57	36.02	54.5	73.06	89.4
MACA_WQ	MACA_HRTH	10/10/2004 - 9/10/2005	12	0	12	54.57	94	72.35	72.13	11.66	55.36	63.83	79.59	91.78
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1	73.75	73.75	73.75	---	...	---	---	---	---



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: 7/10/2002 - 12/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_ERES	7/10/2002 - 7/10/2002	2	0	2	0.1075	0.1075	0.1075	---	0	---	---	---	---
MACA_WQ	MACA_BSBS	7/10/2002 - 8/10/2004	3	0	3	0.0172	0.812	0.4021	---	0.398	---	---	---	---
MACA_WQ	MACA_HRTH	7/10/2002 - 1/10/2003	2	0	2	0.1001	1.049	0.5746	---	0.671	---	---	---	---
MACA_WQ	MACA_MSMS	7/10/2002 - 12/10/2003	4	0	4	0.0822	1.401	0.6099	---	0.6227	---	---	---	---
MACA_WQ	MACA_LRTH	7/10/2002 - 1/10/2003	2	0	2	0.176	1.139	0.6575	---	0.6809	---	---	---	---
MACA_WQ	MACA_PSPS	7/10/2002 - 1/10/2003	2	0	2	0.1639	1.222	0.693	---	0.7482	---	---	---	---
MACA_WQ	MACA_BSBC	7/10/2002 - 1/10/2003	2	0	2	0.544	0.9835	0.7638	---	0.3108	---	---	---	---
MACA_WQ	MACA_DFDF	7/10/2002 - 1/10/2003	2	0	2	0.631	1.01	0.8205	---	0.268	---	---	---	---
MACA_WQ	MACA_UCUC	7/10/2002 - 1/10/2003	2	0	2	0.7868	0.9456	0.8662	---	0.1123	---	---	---	---
MACA_WQ	MACA_THTH	1/10/2003 - 4/10/2003	2	0	2	1.577	1.799	1.688	---	0.1572	---	---	---	---
MACA_WQ	MACA_BIGR	7/10/2002 - 12/10/2004	30	0	30	0.1133	8.037	2.052	1.494	2.13	0.1599	0.4132	2.855	5.55
MACA_WQ	MACA_GRGR	9/10/2002 - 12/10/2004	28	0	28	0.1391	12.35	3.199	2.232	3.284	0.2232	0.9813	4.806	9.292
MACA_WQ	MACA_NRRR	7/10/2002 - 12/10/2004	26	0	26	0.0926	20.72	3.814	2.077	5.276	0.1254	0.7555	4.175	14.69
MACA_WQ	MACA_OCTH	7/10/2002 - 7/10/2002	1	0	1	8.368	8.368	8.368	---	...	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	40	0	40	0.8208	4.104	1.344	1.279	0.519	0.8805	1.074	1.472	1.73
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	43	0	43	0.8341	6.364	1.619	1.32	1.112	0.9743	1.067	1.615	2.298
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	40	0	40	1.155	4.204	2.138	1.963	0.7596	1.269	1.558	2.669	3.398
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	40	0	40	1.133	6.75	2.481	1.99	1.47	1.363	1.526	2.592	5.105
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	42	0	42	1.125	7.46	2.673	1.96	1.71	1.43	1.572	2.824	6.065
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	44	0	44	1.184	4.366	3.091	3.045	0.8772	1.602	2.609	3.872	4.24
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	38	0	38	1.751	6.737	3.493	3.418	1.076	1.933	2.693	4.269	4.618
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	3.58	3.58	3.58	---	---	---	---	---	---
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	3.174	4.262	3.581	---	0.5933	---	---	---	---
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2005	32	0	32	2.799	9.121	5.856	5.772	1.438	3.991	4.976	6.735	7.959
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	40	0	40	2.999	11.66	6.361	5.889	2.098	3.901	4.657	7.829	9.187
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2005	42	0	42	3.438	12.46	6.679	6.418	2.233	4.027	4.507	8.346	9.666
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	19	0	19	0.8998	12.52	7.116	7.485	2.91	2.169	5.582	9.086	9.998
MACA_WQ	MACA_NRNR	7/10/2002 - 9/10/2005	39	0	39	0.4856	11.15	7.608	7.597	2.101	5.282	6.806	9.283	9.948
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	27	0	27	4.13	20.69	10.44	9.363	4.572	4.897	7.18	13.21	18.17
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	7.074	19.58	12.18	---	4.044	---	---	---	---



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	0	9	6.7	7.37	6.911	6.81	0.0573	6.7	6.785	5.168	5.174
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	79	0	79	5.73	8.13	7.036	7.37	0.2177	6.79	7.13	5.147	5.168
MACA_WQ	MACA_THTH	10/10/2002 - 9/18/2018	51	1	50	6.37	8.04	7.073	7.18	0.069	6.82	6.918	5.16	5.166
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	6.91	7.54	7.12	7.13	0.0354	6.912	6.93	5.159	5.16
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	77	0	77	6.18	8.21	7.137	7.32	0.1104	6.913	7.184	5.144	5.16
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	6.93	7.7	7.139	7.13	0.0305	6.93	7.025	5.153	5.159
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	79	0	79	5.99	8.06	7.185	7.45	0.1294	7.04	7.22	5.141	5.152
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	49	12	37	6.69	7.68	7.186	7.36	0.0459	6.842	7.05	5.152	5.165
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	80	0	80	6.46	8.17	7.241	7.4	0.0538	6.961	7.162	5.145	5.157
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	86	0	86	6.55	8.24	7.264	7.355	0.0434	7.027	7.15	5.146	5.153
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	80	0	80	6.51	8.51	7.285	7.435	0.0468	7.021	7.162	5.145	5.154
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	49	2	47	6.54	8.54	7.298	7.64	0.0656	6.842	7.17	5.144	5.165
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	81	1	80	6.53	8.31	7.322	7.51	0.0498	7.032	7.263	5.139	5.153
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	81	0	81	6.46	8.57	7.364	7.5	0.05	7.106	7.28	5.138	5.148
MACA_WQ	MACA_NNRN	7/10/2002 - 9/18/2018	78	0	78	6.35	8.81	7.401	7.656	0.0632	7.109	7.324	5.135	5.148
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	80	0	80	6.55	8.43	7.427	7.635	0.0419	7.114	7.337	5.134	5.148



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: converted
pH_Apera_SX823-B

Units: None

Period of Record: 10/16/2018 - 11/20/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 11/20/2018	2	2	0									
MACA_WQ	MACA_BIGR	10/16/2018 - 11/20/2018	2	0	2	6.69	7.33	6.901	---	0.1113	---	---	---	---
MACA_WQ	MACA_THTH	10/16/2018 - 11/20/2018	2	0	2	6.99	7.14	7.058	---	0.0211	---	---	---	---
MACA_WQ	MACA_ERES	10/16/2018 - 11/20/2018	3	0	3	7.05	7.53	7.164	---	0.0338	---	---	---	---
MACA_WQ	MACA_BSBS	10/16/2018 - 11/20/2018	2	0	2	7.03	7.69	7.245	---	0.0516	---	---	---	---
MACA_WQ	MACA_NRNR	10/16/2018 - 11/20/2018	2	0	2	7.07	7.68	7.276	---	0.0454	---	---	---	---
MACA_WQ	MACA_DFDF	10/16/2018 - 11/20/2018	2	0	2	7.11	7.56	7.279	---	0.0354	---	---	---	---
MACA_WQ	MACA_SHTH	11/20/2018 - 11/20/2018	1	0	1	7.33	7.33	7.33	---	...	---	---	---	---
MACA_WQ	MACA_PSPS	10/16/2018 - 11/20/2018	2	0	2	7.35	7.42	7.384	---	0.0047	---	---	---	---
MACA_WQ	MACA_MSMS	10/16/2018 - 11/20/2018	2	0	2	7.37	7.55	7.451	---	0.0102	---	---	---	---
MACA_WQ	MACA_UCUC	10/16/2018 - 11/20/2018	2	0	2	7.26	7.83	7.457	---	0.0284	---	---	---	---
MACA_WQ	MACA_BSBC	10/16/2018 - 11/20/2018	2	0	2	7.32	7.71	7.472	---	0.0201	---	---	---	---
MACA_WQ	MACA_LRTH	10/16/2018 - 11/20/2018	3	0	3	7.48	7.59	7.517	---	0.0041	---	---	---	---
MACA_WQ	MACA_GRGR	10/16/2018 - 11/20/2018	2	0	2	7.54	7.62	7.578	---	0.0034	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: converted pH_HI991300 **Units:** None

Period of Record: 5/21/2019 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_LRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_THTH	5/21/2019 - 9/17/2019	5	0	5	7.05	7.42	7.206	---	0.0199	---	---	---	---
MACA_WQ	MACA_ERES	5/21/2019 - 9/17/2019	6	0	6	7.32	7.8	7.48	---	0.0114	---	---	---	---
MACA_WQ	MACA_UCUC	5/21/2019 - 9/17/2019	5	0	5	7.39	7.75	7.577	---	0.0088	---	---	---	---
MACA_WQ	MACA_BSBC	5/21/2019 - 9/17/2019	6	0	6	7.53	7.7	7.58	---	0.0033	---	---	---	---
MACA_WQ	MACA_PSPS	5/21/2019 - 9/17/2019	5	0	5	7.53	7.8	7.644	---	0.0057	---	---	---	---
MACA_WQ	MACA_BSBS	5/21/2019 - 9/17/2019	5	0	5	7.58	7.79	7.656	---	0.0043	---	---	---	---
MACA_WQ	MACA_BIGR	5/21/2019 - 9/17/2019	6	0	6	7.41	8	7.693	---	0.0107	---	---	---	---
MACA_WQ	MACA_NRNR	5/21/2019 - 9/17/2019	5	0	5	7.58	7.86	7.695	---	0.0048	---	---	---	---
MACA_WQ	MACA_DFDF	5/21/2019 - 9/17/2019	5	0	5	7.67	7.84	7.728	---	0.0026	---	---	---	---
MACA_WQ	MACA_MSMS	5/21/2019 - 9/17/2019	5	0	5	7.71	7.93	7.762	---	0.0032	---	---	---	---
MACA_WQ	MACA_GRGR	5/21/2019 - 9/17/2019	7	0	7	7.7	8.11	7.863	---	0.005	---	---	---	---



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: 12/18/2018 - 4/16/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	12/18/2018 - 4/16/2019	4	4	0									
MACA_WQ	MACA_UCUC	12/18/2018 - 4/16/2019	4	1	3	6.82	7.75	7.199	---	0.0764	---	---	---	---
MACA_WQ	MACA_THTH	12/18/2018 - 4/16/2019	4	1	3	6.97	7.52	7.207	---	0.0401	---	---	---	---
MACA_WQ	MACA_ERES	12/18/2018 - 4/16/2019	4	0	4	7.09	7.73	7.253	---	0.0269	---	---	---	---
MACA_WQ	MACA_BIGR	12/18/2018 - 4/16/2019	5	3	2	7.27	7.29	7.28	---	0.0017	---	---	---	---
MACA_WQ	MACA_BSBC	12/18/2018 - 4/16/2019	5	1	4	6.85	7.86	7.317	---	0.0621	---	---	---	---
MACA_WQ	MACA_SHTH	2/19/2019 - 4/16/2019	2	0	2	7.33	7.54	7.423	---	0.0127	---	---	---	---
MACA_WQ	MACA_DFDF	12/18/2018 - 4/16/2019	4	1	3	7.14	7.73	7.435	---	0.031	---	---	---	---
MACA_WQ	MACA_BSBS	12/18/2018 - 4/16/2019	4	1	3	7.21	7.9	7.526	---	0.0276	---	---	---	---
MACA_WQ	MACA_NRNR	12/18/2018 - 4/16/2019	4	1	3	7.31	7.85	7.532	---	0.0178	---	---	---	---
MACA_WQ	MACA_MSMS	12/18/2018 - 4/16/2019	5	1	4	7.5	7.85	7.64	---	0.0093	---	---	---	---
MACA_WQ	MACA_PSPS	12/18/2018 - 4/16/2019	5	1	4	7.38	7.85	7.652	---	0.013	---	---	---	---
MACA_WQ	MACA_LRTH	12/18/2018 - 4/16/2019	4	3	1	7.73	7.73	7.73	---	...	---	---	---	---
MACA_WQ	MACA_GRGR	12/18/2018 - 4/16/2019	4	2	2	7.71	7.77	7.74	---	0.0018	---	---	---	---



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: 7/10/2002 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_LRTH	9/10/2005 - 7/16/2019	3	1	2	0.25	100	50.13	---	70.53	---	---	---	---
MACA_WQ	MACA_MSMS	7/10/2002 - 9/17/2012	48	0	48	0	850	63.16	18	133	4	6.263	59.25	149.9
MACA_WQ	MACA_UCUC	7/10/2002 - 9/17/2012	43	0	43	0	1130	120.9	58	222.6	8.148	13	112	286
MACA_WQ	MACA_DFDF	7/10/2002 - 9/17/2012	44	0	44	11	1415	123.4	57	224.7	14.5	23.5	120.8	285
MACA_WQ	MACA_HRTH	7/10/2005 - 7/16/2019	4	1	3	150	250	183.3	---	57.74	---	---	---	---
MACA_WQ	MACA_BSBS	7/10/2002 - 9/17/2012	52	0	52	10	2125	231.5	116	352.8	16.6	46.35	270	590
MACA_WQ	MACA_PSPS	7/10/2002 - 8/16/2011	28	0	28	0	4250	369.1	110	825.8	0	43.08	280	924.5
MACA_WQ	MACA_BSBC	7/10/2002 - 9/17/2012	37	0	37	0	2800	433	90	638	33.8	53.69	633	1415
MACA_WQ	MACA_ERES	7/10/2002 - 9/17/2019	50	0	50	7	5660	553.3	50.5	1235	18	28	280	2035
MACA_WQ	MACA_OCTH	7/10/2003 - 9/10/2003	3	0	3	420	840	588	---	222.2	---	---	---	---
MACA_WQ	MACA_NSTH	10/10/2002 - 9/20/2011	2	0	2	56.63	1400	728.3	---	949.9	---	---	---	---
MACA_WQ	MACA_THTH	4/10/2003 - 9/10/2005	10	0	10	91.38	8490	3043	1750	3340	116.2	385	6345	8481
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	2123	8500	6373	---	3680	---	---	---	---
MACA_WQ	MACA_NRNR	7/10/2002 - 10/16/2017	33	0	33	250	199520	36140	15110	47375	1416	3650	49528	113482
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	26	0	26	4200	240700	72226	41690	75521	6458	15113	120903	215460
MACA_WQ	MACA_BIGR	7/10/2002 - 4/17/2018	34	0	34	3900	356792	89550	38950	94519	8200	22150	159850	229100



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	1	8	63.6	86.4	75.6	---	7.265	---	---	---	---
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	61.4	90	78.26	78.9	9.614	61.4	71.35	85.85	90
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	81	0	81	41	102	81.06	83.3	14.35	60.62	72.9	92.6	96.92
MACA_WQ	MACA_THTH	12/10/2002 - 9/18/2018	52	1	51	50.9	99.8	82.77	86	11.81	64.62	76	92.1	95.86
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	37.6	94.3	83.01	86.7	16.33	42.09	84.45	91.18	94.04
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	81	0	81	61.9	103.5	85.5	86.6	10.97	69.62	76.75	94.15	98.32
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	49	2	47	62	107.6	85.88	85.4	9.123	75.1	80.6	91.7	98.4
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	50	12	38	72.7	119.1	88.23	86.15	10.81	76.67	81.03	91.43	105.5
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	78	0	78	29.8	112.6	89.99	91.45	10.4	78.6	85.08	94.6	99.19
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	81	1	80	67.6	115	90.69	90.7	8.191	81.5	86.25	96.33	99.88
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	80	0	80	63.3	107.1	91.53	92.1	8.154	79.89	87.4	97.28	100.8
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	80	0	80	67.9	107.1	91.72	93.4	6.932	82.24	87.83	95.78	98.29
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	82	0	82	74.5	118	92.3	93.4	7.328	80.8	88	96.7	100.3
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	87	0	87	71.5	105.2	92.31	92.6	6.328	85.44	89.2	96.1	100.4
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	81	4	77	74.2	140.6	93.67	93.9	10.92	80.72	87.5	97.35	104.3
MACA_WQ	MACA_NRNR	7/10/2002 - 9/18/2018	80	4	76	74.1	122.9	96.97	98.9	11.52	78.93	89.93	104.3	113.1



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	1	8	5.99	8.38	7.386	---	0.8273	---	---	---	---
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	6.25	9.79	8.144	8.16	1.172	6.25	7.22	9.045	9.79
MACA_WQ	MACA_THTH	12/10/2002 - 9/18/2018	52	1	51	4.26	11.68	8.357	7.98	1.784	6.198	6.84	9.86	10.84
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	81	0	81	4.27	11.95	8.472	8.29	1.722	6.232	7.31	9.805	10.67
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	3.53	10.34	8.598	9.005	1.911	4.006	8.38	9.813	10.3
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	49	2	47	6.5	10.59	8.69	8.68	0.9339	7.598	8.13	9.36	10.14
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	50	12	38	7.15	12.72	8.776	8.39	1.433	7.363	7.775	9.358	10.78
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	81	0	81	6.13	11.95	8.876	9.14	1.466	6.862	7.51	10.01	10.76
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	81	1	80	5.6	14.46	9.347	8.875	2.072	7.12	7.75	11.29	12.37
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	80	0	80	5.22	12.39	9.465	9.325	1.38	7.976	8.553	10.29	11.48
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	81	0	81	6.29	13.38	9.554	9.49	1.79	7.064	8.03	11	12.04
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	78	0	78	6.69	11.83	9.598	9.58	1.124	8.304	8.765	10.38	11.2
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	80	0	80	6.31	11.66	9.644	9.565	1.089	8.396	8.795	10.49	11.31
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	86	0	86	7.51	11.48	9.678	9.655	0.8878	8.492	9.09	10.39	10.81
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	82	0	82	7.14	14.05	9.731	9.85	1.086	8.226	9.12	10.34	10.89
MACA_WQ	MACA_NRNR	7/10/2002 - 9/18/2018	80	0	80	6.39	14.72	10.15	10.26	2.212	7.175	8.133	11.78	13.07



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: 10/16/2018 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 9/17/2019	11	11	0									
MACA_WQ	MACA_THTH	10/16/2018 - 9/17/2019	11	0	11	6.4	10.23	8.312	8.42	1.353	6.408	7.42	9.43	10.22
MACA_WQ	MACA_GRGR	10/16/2018 - 9/17/2019	13	0	13	7.59	11.59	9.176	8.76	1.37	7.646	7.96	10.47	11.49
MACA_WQ	MACA_PSPS	10/16/2018 - 9/17/2019	12	0	12	6.79	10.79	9.181	9.725	1.302	6.874	8.293	10.08	10.73
MACA_WQ	MACA_ERES	10/16/2018 - 9/17/2019	13	0	13	7.91	11.03	9.192	9.34	1.042	7.918	8.13	10.02	10.75
MACA_WQ	MACA_SHTH	11/20/2018 - 4/16/2019	3	0	3	8.37	10.07	9.327	---	0.8698	---	---	---	---
MACA_WQ	MACA_BIGR	10/16/2018 - 9/17/2019	13	0	13	7.51	11.62	9.55	9.41	1.496	7.546	8.24	11.21	11.6
MACA_WQ	MACA_LRTH	10/16/2018 - 9/17/2019	12	8	4	9.35	10.13	9.79	---	0.3406	---	---	---	---
MACA_WQ	MACA_UCUC	10/16/2018 - 9/17/2019	11	0	11	8.47	11.22	9.828	9.72	0.8864	8.53	9.27	10.53	11.18
MACA_WQ	MACA_BSBC	10/16/2018 - 9/17/2019	13	0	13	9.07	11.16	9.978	9.81	0.8558	9.082	9.13	10.97	11.15
MACA_WQ	MACA_BSBS	10/16/2018 - 9/17/2019	11	0	11	9.5	10.85	9.995	9.7	0.4787	9.512	9.6	10.4	10.8
MACA_WQ	MACA_DFDF	10/16/2018 - 9/17/2019	11	0	11	9.32	11.26	10.05	9.96	0.6758	9.334	9.47	10.72	11.17
MACA_WQ	MACA_NRNR	10/16/2018 - 9/17/2019	11	0	11	7.34	13.89	10.07	9.28	2.373	7.366	7.78	11.99	13.73
MACA_WQ	MACA_MSMS	10/16/2018 - 9/17/2019	12	0	12	8.82	10.9	10.12	10.18	0.6232	8.91	9.93	10.63	10.82



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: 10/16/2018 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 9/17/2019	11	11	0									
MACA_WQ	MACA_THTH	10/16/2018 - 9/17/2019	11	0	11	65.3	92.5	80.82	82.4	9.466	65.38	75.2	89.9	92.06
MACA_WQ	MACA_SHTH	11/20/2018 - 4/16/2019	3	0	3	80.7	91.9	86.7	---	5.643	---	---	---	---
MACA_WQ	MACA_PSPS	10/16/2018 - 9/17/2019	12	0	12	65.1	97	86.72	93	10.88	66.48	79.03	94.9	96.52
MACA_WQ	MACA_ERES	10/16/2018 - 9/17/2019	13	0	13	77.1	97.3	87.85	92.6	7.726	77.18	79.2	93.25	96.94
MACA_WQ	MACA_UCUC	10/16/2018 - 9/17/2019	11	0	11	81.6	98.7	91.65	91.9	4.687	82.62	88.8	94.7	98
MACA_WQ	MACA_LRTH	10/16/2018 - 9/17/2019	12	8	4	88.6	96.2	93.62	---	3.41	---	---	---	---
MACA_WQ	MACA_BSBC	10/16/2018 - 9/17/2019	13	0	13	92.2	97.2	94.95	95	1.907	92.24	92.7	96.6	97.16
MACA_WQ	MACA_BSBS	10/16/2018 - 9/17/2019	11	0	11	91.3	98.2	95.08	94.8	2	91.72	93.4	97.1	98.02
MACA_WQ	MACA_BIGR	10/16/2018 - 9/17/2019	13	0	13	87.5	104.9	95.24	96.4	5.541	87.98	90.3	98.85	104.5
MACA_WQ	MACA_GRGR	10/16/2018 - 9/17/2019	13	0	13	86.7	104.4	95.35	94.4	5.924	87.9	89.85	101	104.3
MACA_WQ	MACA_MSMS	10/16/2018 - 9/17/2019	12	0	12	87.6	99.7	95.56	96.4	3.234	88.71	95.15	97.1	99.34
MACA_WQ	MACA_DFDF	10/16/2018 - 9/17/2019	11	0	11	92.3	99.1	95.63	95.2	1.961	92.6	94	97.5	98.78
MACA_WQ	MACA_NNRN	10/16/2018 - 9/17/2019	11	0	11	78.6	115.6	98.01	92.7	12.29	80.26	89	109.9	115.1



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: 2/10/2005 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_OCTH	8/16/2011 - 8/16/2011	1	0	1	51.2	51.2	51.2	---	---	---	---	---	---
MACA_WQ	MACA_BSBC	2/10/2005 - 9/17/2019	59	1	58	1	547.5	55.23	16.55	111.3	3.1	7.5	37.67	137.5
MACA_WQ	MACA_DFDF	2/10/2005 - 9/17/2019	57	2	55	1	770.1	72.24	19.9	141.7	5.2	8.6	58.1	179.6
MACA_WQ	MACA_NRRR	2/10/2005 - 9/17/2019	59	3	56	1	1986	83.88	8.5	305.2	1.7	4.1	18.25	55.73
MACA_WQ	MACA_MSMS	2/10/2005 - 9/17/2019	58	2	56	1	1120	102.5	25.15	211.3	4.1	10.2	93.43	286.8
MACA_WQ	MACA_BSBS	2/10/2005 - 9/17/2019	61	2	59	1	1175	110.2	23.8	238.2	6.2	12.2	69.1	410.6
MACA_WQ	MACA_BIGR	2/10/2005 - 9/17/2019	59	8	51	5.2	648.8	114	46.5	163.4	13.44	21.3	110.6	387.3
MACA_WQ	MACA_UCUC	2/10/2005 - 9/17/2019	55	0	55	4.1	2420	143.3	33	371.3	5.86	17.3	88	274.2
MACA_WQ	MACA_ERES	2/10/2005 - 9/17/2019	60	3	57	2	980.4	149.8	38.4	245	4.96	14.7	148.9	627.8
MACA_WQ	MACA_HRTH	2/10/2005 - 9/17/2019	35	23	12	2	1300	163.4	45.8	362.3	3.98	18.63	121.3	969.2
MACA_WQ	MACA_GRGR	2/10/2005 - 9/17/2019	61	4	57	1	2420	172.1	24.3	449.6	1.8	6.85	87.1	400.1
MACA_WQ	MACA_PSPS	2/10/2005 - 9/17/2019	56	4	52	1	2420	187.1	37.5	416.9	4.06	18.05	176.6	325.5
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	13.2	517.2	199.7	117.8	196.7	13.2	53.8	401.2	517.2
MACA_WQ	MACA_LRTH	9/10/2005 - 9/17/2019	44	11	33	3.1	1986	234.8	78.5	477.3	14.62	23.7	193.2	617
MACA_WQ	MACA_THTH	2/10/2005 - 9/17/2019	43	4	39	9.7	1300	247.7	127.4	334	19.7	38.4	275.5	816.4
MACA_WQ	MACA_SHTH	12/20/2011 - 4/16/2019	10	2	8	3	2420	598.8	---	787	---	---	---	---



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: 7/10/2002 - 10/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NNRN	7/10/2002 - 9/10/2004	26	2	24	1	834	80.08	16.5	190.3	2	8.25	29.5	376
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	18	226	95.88	---	69.26	---	---	---	---
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	29	0	29	1	1607	144.3	47	316	10	25	139.5	180
MACA_WQ	MACA_MSMS	7/10/2002 - 10/10/2004	29	0	29	1	2721	199.7	37	518.9	3	8	138	547
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	28	1	27	4	3492	222.1	33	686.3	5	12	82	701.8
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	28	0	28	1	3267	251.2	85	650.6	5.8	14.5	137.8	694.3
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	26	0	26	6	4667	387.9	63	967.9	6	11.75	232.5	1460
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	28	0	28	4	6467	460.3	67	1300	11.7	34	137.5	1732
MACA_WQ	MACA_PSPS	7/10/2002 - 10/10/2004	30	0	30	4	6091	587.5	123	1350	11.1	24.5	335.5	2572
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	28	0	28	5	5400	642.4	123.5	1395	25.7	60.5	341.3	2656
MACA_WQ	MACA_DFDF	7/10/2002 - 10/10/2004	28	0	28	2	9400	698	68	2140	7.7	26.25	169	1365
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	16	0	16	1	9091	824	138.5	2250	2.4	21.75	267.8	3944
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	15	0	15	13	7250	1216	138	2397	23.2	40	869	6980
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	20	0	20	4	10818	1385	124	2919	5.2	21	1306	7560
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	2700	4727	3870	---	1049	---	---	---	---
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	39818	39818	39818	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Fecal Lab

Units: #/100ml

Period of Record: 10/10/2004 - 7/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRNR	10/10/2004 - 7/10/2005	5	0	5	5	127	37	---	50.89	---	---	---	---
MACA_WQ	MACA_BSBS	10/10/2004 - 7/10/2005	6	0	6	22.5	77.14	44.61	---	23.58	---	---	---	---
MACA_WQ	MACA_BSBC	10/10/2004 - 7/10/2005	5	0	5	23.08	219	74.56	---	81.72	---	---	---	---
MACA_WQ	MACA_UCUC	10/10/2004 - 7/10/2005	5	0	5	49	350	131.6	---	123.3	---	---	---	---
MACA_WQ	MACA_DFDF	11/10/2004 - 7/10/2005	4	0	4	4	687.5	221.2	---	317.7	---	---	---	---
MACA_WQ	MACA_MSMS	11/10/2004 - 7/10/2005	7	0	7	44	793.8	236.4	---	262.8	---	---	---	---
MACA_WQ	MACA_THTH	10/10/2004 - 7/10/2005	4	0	4	88.75	866.7	301.6	---	377.1	---	---	---	---
MACA_WQ	MACA_PSPS	11/10/2004 - 7/10/2005	4	0	4	43	750	388	---	326.7	---	---	---	---
MACA_WQ	MACA_ERES	10/10/2004 - 7/10/2005	5	0	5	6.92	1133	471.4	---	604.8	---	---	---	---
MACA_WQ	MACA_HRTH	10/10/2004 - 7/10/2005	5	0	5	3.85	2233	567.1	---	939.1	---	---	---	---
MACA_WQ	MACA_BIGR	10/10/2004 - 7/10/2005	5	0	5	46.92	2083	970.3	---	918.2	---	---	---	---
MACA_WQ	MACA_GRGR	10/10/2004 - 7/10/2005	5	0	5	13.85	3617	1036	---	1542	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	1	0									
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	3	0									
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	26	10	16	0.0955	0.1772	0.124	0.1235	0.0229	0.0966	0.1043	0.1348	0.1626
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2005	40	23	17	0.0967	0.3195	0.1488	0.1204	0.0604	0.0987	0.1098	0.1717	0.2656
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	19	5	14	0.0958	0.2897	0.1504	0.1206	0.0635	0.0964	0.1086	0.2102	0.2679
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	40	22	18	0.0961	0.3089	0.1533	0.125	0.0646	0.0976	0.103	0.1838	0.2662
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	39	20	19	0.0992	0.2681	0.1546	0.1254	0.0567	0.1	0.11	0.2025	0.258
MACA_WQ	MACA_NNRN	7/10/2002 - 9/10/2005	39	12	27	0.096	0.4137	0.155	0.12	0.0787	0.1028	0.1107	0.1662	0.3114
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2005	32	11	21	0.096	0.3153	0.1569	0.1262	0.0653	0.0985	0.1153	0.1853	0.2844
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	42	26	16	0.0957	0.2936	0.1619	0.1134	0.0805	0.0957	0.0971	0.2656	0.286
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	43	22	21	0.0966	0.4017	0.1704	0.1247	0.0911	0.1003	0.1097	0.2103	0.3243
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	36	32	4	0.1234	0.2006	0.1717	---	0.0336	---	---	---	---
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	38	33	5	0.1076	0.2599	0.1779	---	0.0643	---	---	---	---
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	36	28	8	0.1001	0.3741	0.1816	---	0.0975	---	---	---	---
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	35	29	6	0.1654	0.2639	0.2016	---	0.0345	---	---	---	---
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	4	4	0.107	0.3163	0.2293	---	0.0882	---	---	---	---



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: 11/10/2002 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BIGR	10/10/2004 - 9/17/2019	63	1		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_BSBC	10/10/2004 - 9/17/2019	64	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_BSBS	10/10/2004 - 9/17/2019	66	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_DFDF	10/10/2004 - 9/17/2019	61	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_ERES	10/10/2004 - 9/17/2019	64	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_GRGR	10/10/2004 - 9/17/2019	65	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_HRTH	10/10/2004 - 9/17/2019	37	23		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_LRTH	9/10/2005 - 9/17/2019	34	12		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_MSMS	10/10/2004 - 9/17/2019	64	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_NRNR	10/10/2004 - 9/17/2019	63	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_OCTH	8/16/2011 - 8/16/2011	1	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_PSPS	10/10/2004 - 9/17/2019	61	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_SHTH	11/10/2002 - 4/16/2019	11	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_THTH	10/10/2004 - 9/17/2019	46	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_UCUC	10/10/2004 - 9/17/2019	59	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: GeneralComment

Units:

Period of Record: 4/10/2003 - 9/17/2012

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	9/17/2012 - 9/17/2012	1	0	Data Type Does Not Allow Descriptive Statistics									
MACA_WQ	MACA_LRTH	4/10/2003 - 9/17/2012	2	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: 2/10/2005 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRNR	2/10/2005 - 9/17/2019	59	3	56			10.39						
MACA_WQ	MACA_BSBC	2/10/2005 - 9/17/2019	59	1	58			17.91						
MACA_WQ	MACA_DFDF	2/10/2005 - 9/17/2019	57	2	55			24.98						
MACA_WQ	MACA_GRGR	2/10/2005 - 9/17/2019	61	4	57			26.2						
MACA_WQ	MACA_BSBS	2/10/2005 - 9/17/2019	61	2	59			28.89						
MACA_WQ	MACA_MSMS	2/10/2005 - 9/17/2019	58	2	56			31.77						
MACA_WQ	MACA_UCUC	2/10/2005 - 9/17/2019	55	0	55			40.67						
MACA_WQ	MACA_ERES	2/10/2005 - 9/17/2019	60	3	57			45.46						
MACA_WQ	MACA_HRTH	2/10/2005 - 9/17/2019	35	23	12			46.37						
MACA_WQ	MACA_PSPS	2/10/2005 - 9/17/2019	56	4	52			47.03						
MACA_WQ	MACA_OCTH	8/16/2011 - 8/16/2011	1	0	1			51.2						
MACA_WQ	MACA_BIGR	2/10/2005 - 9/17/2019	59	8	51			53						
MACA_WQ	MACA_LRTH	9/10/2005 - 9/17/2019	44	11	33			75.73						
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9			112.8						
MACA_WQ	MACA_THTH	2/10/2005 - 9/17/2019	43	4	39			115.2						
MACA_WQ	MACA_SHTH	12/20/2011 - 4/16/2019	10	2	8			169.5						



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: 7/10/2002 - 10/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRRR	7/10/2002 - 9/10/2004	26	2	24			17.42						
MACA_WQ	MACA_MSMS	7/10/2002 - 10/10/2004	29	0	29			35.9						
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	28	1	27			37.89						
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	29	0	29			50.54						
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	28	0	28			54.17						
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	26	0	26			64.8						
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8			73.03						
MACA_WQ	MACA_DFDF	7/10/2002 - 10/10/2004	28	0	28			76.02						
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	28	0	28			83.19						
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	16	0	16			97.93						
MACA_WQ	MACA_PSPS	7/10/2002 - 10/10/2004	30	0	30			117.2						
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	20	0	20			149.1						
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	28	0	28			156.5						
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	15	0	15			227.6						
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3			3765						
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1			39818						



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: GM Fecal Lab

Units: #/100ml

Period of Record: 10/10/2004 - 7/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRNR	10/10/2004 - 7/10/2005	5	0	5			19.45						
MACA_WQ	MACA_BSBS	10/10/2004 - 7/10/2005	6	0	6			39.9						
MACA_WQ	MACA_BSBC	10/10/2004 - 7/10/2005	5	0	5			52.03						
MACA_WQ	MACA_DFDF	11/10/2004 - 7/10/2005	4	0	4			63.2						
MACA_WQ	MACA_ERES	10/10/2004 - 7/10/2005	5	0	5			94.71						
MACA_WQ	MACA_UCUC	10/10/2004 - 7/10/2005	5	0	5			101.8						
MACA_WQ	MACA_HRTH	10/10/2004 - 7/10/2005	5	0	5			137.4						
MACA_WQ	MACA_MSMS	11/10/2004 - 7/10/2005	7	0	7			150.2						
MACA_WQ	MACA_THTH	10/10/2004 - 7/10/2005	4	0	4			186.5						
MACA_WQ	MACA_GRGR	10/10/2004 - 7/10/2005	5	0	5			209.3						
MACA_WQ	MACA_PSPS	11/10/2004 - 7/10/2005	4	0	4			243.5						
MACA_WQ	MACA_BIGR	10/10/2004 - 7/10/2005	5	0	5			467.3						



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: 2/10/2005 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRRR	2/10/2005 - 9/10/2005	7	0	7			18.29						
MACA_WQ	MACA_BSBC	2/10/2005 - 9/10/2005	7	0	7			20.98						
MACA_WQ	MACA_MSMS	2/10/2005 - 9/10/2005	8	1	7			22.01						
MACA_WQ	MACA_BSBS	2/10/2005 - 9/10/2005	8	1	7			28.33						
MACA_WQ	MACA_DFDF	2/10/2005 - 9/10/2005	7	1	6			31.34						
MACA_WQ	MACA_UCUC	2/10/2005 - 9/10/2005	6	0	6			43.03						
MACA_WQ	MACA_ERES	2/10/2005 - 9/10/2005	7	0	7			60.44						
MACA_WQ	MACA_GRGR	2/10/2005 - 9/10/2005	7	0	7			64.29						
MACA_WQ	MACA_PSPS	2/10/2005 - 9/10/2005	6	0	6			110.3						
MACA_WQ	MACA_THTH	2/10/2005 - 9/10/2005	8	0	8			122.5						
MACA_WQ	MACA_BIGR	2/10/2005 - 9/10/2005	7	1	6			158.4						
MACA_WQ	MACA_HRTH	2/10/2005 - 9/10/2005	7	0	7			160.6						
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1			260						



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	80	0	80	0.0037	0.2818	0.0374	0.0232	0.0419	0.0092	0.0139	0.046	0.0769
MACA_WQ	MACA_NRRR	7/10/2002 - 9/18/2018	78	0	78	0.0015	0.4467	0.0397	0.0221	0.0632	0.0066	0.0107	0.0474	0.0778
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	81	0	81	0.0027	0.3467	0.0433	0.0316	0.05	0.0119	0.0178	0.0525	0.0784
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	81	1	80	0.0049	0.2951	0.0476	0.0309	0.0498	0.0139	0.0195	0.0546	0.0929
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	49	2	47	0.0029	0.2884	0.0503	0.0229	0.0656	0.0107	0.0123	0.0676	0.144
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	80	0	80	0.0031	0.309	0.0519	0.0367	0.0468	0.0145	0.024	0.0688	0.0953
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	86	0	86	0.0058	0.2818	0.0544	0.0442	0.0434	0.0203	0.0257	0.0708	0.094
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	80	0	80	0.0068	0.3467	0.0574	0.0398	0.0538	0.0175	0.0253	0.0688	0.1094
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	49	12	37	0.0209	0.2042	0.0651	0.0437	0.0459	0.0287	0.0339	0.0891	0.144
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	79	0	79	0.0087	1.023	0.0653	0.0355	0.1294	0.0145	0.0209	0.0603	0.0912
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	0.02	0.1175	0.0726	0.0741	0.0305	0.02	0.0497	0.0945	0.1175
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	77	0	77	0.0062	0.6607	0.0729	0.0479	0.1104	0.0173	0.0254	0.0654	0.1222
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	0.0288	0.123	0.0758	0.0741	0.0354	0.0296	0.0434	0.1175	0.1225
MACA_WQ	MACA_THTH	10/10/2002 - 9/18/2018	51	1	50	0.0091	0.4266	0.0845	0.0661	0.069	0.0259	0.0378	0.1209	0.1514
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	79	0	79	0.0074	1.862	0.0921	0.0427	0.2177	0.0186	0.0275	0.0741	0.1622
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	0	9	0.0427	0.1995	0.1227	0.1549	0.0573	0.0427	0.063	0.1642	0.1995



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: 10/16/2018 - 11/20/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 11/20/2018	2	2	0									
MACA_WQ	MACA_GRGR	10/16/2018 - 11/20/2018	2	0	2	0.024	0.0288	0.0264	---	0.0034	---	---	---	---
MACA_WQ	MACA_LRTH	10/16/2018 - 11/20/2018	3	0	3	0.0257	0.0331	0.0304	---	0.0041	---	---	---	---
MACA_WQ	MACA_BSBC	10/16/2018 - 11/20/2018	2	0	2	0.0195	0.0479	0.0337	---	0.0201	---	---	---	---
MACA_WQ	MACA_UCUC	10/16/2018 - 11/20/2018	2	0	2	0.0148	0.055	0.0349	---	0.0284	---	---	---	---
MACA_WQ	MACA_MSMS	10/16/2018 - 11/20/2018	2	0	2	0.0282	0.0427	0.0354	---	0.0102	---	---	---	---
MACA_WQ	MACA_PSPS	10/16/2018 - 11/20/2018	2	0	2	0.038	0.0447	0.0413	---	0.0047	---	---	---	---
MACA_WQ	MACA_SHTH	11/20/2018 - 11/20/2018	1	0	1	0.0468	0.0468	0.0468	---	...	---	---	---	---
MACA_WQ	MACA_DFDF	10/16/2018 - 11/20/2018	2	0	2	0.0275	0.0776	0.0526	---	0.0354	---	---	---	---
MACA_WQ	MACA_NRNR	10/16/2018 - 11/20/2018	2	0	2	0.0209	0.0851	0.053	---	0.0454	---	---	---	---
MACA_WQ	MACA_BSBS	10/16/2018 - 11/20/2018	2	0	2	0.0204	0.0933	0.0569	---	0.0516	---	---	---	---
MACA_WQ	MACA_ERES	10/16/2018 - 11/20/2018	3	0	3	0.0295	0.0891	0.0686	---	0.0338	---	---	---	---
MACA_WQ	MACA_THTH	10/16/2018 - 11/20/2018	2	0	2	0.0724	0.1023	0.0874	---	0.0211	---	---	---	---
MACA_WQ	MACA_BIGR	10/16/2018 - 11/20/2018	2	0	2	0.0468	0.2042	0.1255	---	0.1113	---	---	---	---



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_HI991300

Units: µeq/l

Period of Record: 5/21/2019 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_LRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_GRGR	5/21/2019 - 9/17/2019	7	0	7	0.0078	0.02	0.0137	---	0.005	---	---	---	---
MACA_WQ	MACA_MSMS	5/21/2019 - 9/17/2019	5	0	5	0.0117	0.0195	0.0173	---	0.0032	---	---	---	---
MACA_WQ	MACA_DFDF	5/21/2019 - 9/17/2019	5	0	5	0.0145	0.0214	0.0187	---	0.0026	---	---	---	---
MACA_WQ	MACA_NRNR	5/21/2019 - 9/17/2019	5	0	5	0.0138	0.0263	0.0202	---	0.0048	---	---	---	---
MACA_WQ	MACA_BIGR	5/21/2019 - 9/17/2019	6	0	6	0.01	0.0389	0.0203	---	0.0107	---	---	---	---
MACA_WQ	MACA_BSBS	5/21/2019 - 9/17/2019	5	0	5	0.0162	0.0263	0.0221	---	0.0043	---	---	---	---
MACA_WQ	MACA_PSPS	5/21/2019 - 9/17/2019	5	0	5	0.0158	0.0295	0.0227	---	0.0057	---	---	---	---
MACA_WQ	MACA_BSBC	5/21/2019 - 9/17/2019	6	0	6	0.02	0.0295	0.0263	---	0.0033	---	---	---	---
MACA_WQ	MACA_UCUC	5/21/2019 - 9/17/2019	5	0	5	0.0178	0.0407	0.0265	---	0.0088	---	---	---	---
MACA_WQ	MACA_ERES	5/21/2019 - 9/17/2019	6	0	6	0.0158	0.0479	0.0331	---	0.0114	---	---	---	---
MACA_WQ	MACA_THTH	5/21/2019 - 9/17/2019	5	0	5	0.038	0.0891	0.0623	---	0.0199	---	---	---	---



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: 12/18/2018 - 4/16/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	12/18/2018 - 4/16/2019	4	4	0									
MACA_WQ	MACA_GRGR	12/18/2018 - 4/16/2019	4	2	2	0.017	0.0195	0.0182	---	0.0018	---	---	---	---
MACA_WQ	MACA_LRTH	12/18/2018 - 4/16/2019	4	3	1	0.0186	0.0186	0.0186	---	...	---	---	---	---
MACA_WQ	MACA_PSPS	12/18/2018 - 4/16/2019	5	1	4	0.0141	0.0417	0.0223	---	0.013	---	---	---	---
MACA_WQ	MACA_MSMS	12/18/2018 - 4/16/2019	5	1	4	0.0141	0.0316	0.0229	---	0.0093	---	---	---	---
MACA_WQ	MACA_NRNR	12/18/2018 - 4/16/2019	4	1	3	0.0141	0.049	0.0294	---	0.0178	---	---	---	---
MACA_WQ	MACA_BSBS	12/18/2018 - 4/16/2019	4	1	3	0.0126	0.0617	0.0298	---	0.0276	---	---	---	---
MACA_WQ	MACA_DFDF	12/18/2018 - 4/16/2019	4	1	3	0.0186	0.0724	0.0367	---	0.031	---	---	---	---
MACA_WQ	MACA_SHTH	2/19/2019 - 4/16/2019	2	0	2	0.0288	0.0468	0.0378	---	0.0127	---	---	---	---
MACA_WQ	MACA_BSBC	12/18/2018 - 4/16/2019	5	1	4	0.0138	0.1413	0.0482	---	0.0621	---	---	---	---
MACA_WQ	MACA_BIGR	12/18/2018 - 4/16/2019	5	3	2	0.0513	0.0537	0.0525	---	0.0017	---	---	---	---
MACA_WQ	MACA_ERES	12/18/2018 - 4/16/2019	4	0	4	0.0186	0.0813	0.0559	---	0.0269	---	---	---	---
MACA_WQ	MACA_THTH	12/18/2018 - 4/16/2019	4	1	3	0.0302	0.1072	0.0621	---	0.0401	---	---	---	---
MACA_WQ	MACA_UCUC	12/18/2018 - 4/16/2019	4	1	3	0.0178	0.1514	0.0632	---	0.0764	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	10/10/2004 - 9/10/2005	12	0	12	0.432	0.988	0.7093	0.724	0.1561	0.4683	0.5878	0.806	0.9676
MACA_WQ	MACA_MSMS	10/10/2004 - 9/10/2005	14	0	14	0.488	1.43	0.7908	0.6745	0.2574	0.547	0.6258	1.017	1.245
MACA_WQ	MACA_BSBS	10/10/2004 - 9/10/2005	14	0	14	0.67	1.191	0.978	0.996	0.153	0.716	0.8808	1.075	1.191
MACA_WQ	MACA_UCUC	10/10/2004 - 9/10/2005	12	0	12	0.581	2.26	1.046	1.019	0.444	0.6179	0.7265	1.204	1.978
MACA_WQ	MACA_DFDF	10/10/2004 - 9/10/2005	12	0	12	0.678	1.321	1.071	1.201	0.2242	0.7179	0.8565	1.249	1.315
MACA_WQ	MACA_PSPS	10/10/2004 - 9/10/2005	12	0	12	0.83	2.27	1.228	1.084	0.4326	0.8321	0.9115	1.382	2.129
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	13	0	13	0.711	2.28	1.427	1.258	0.5208	0.7517	1.054	1.888	2.26
MACA_WQ	MACA_HRTH	10/10/2004 - 9/10/2005	12	0	12	0.897	3.09	1.545	1.357	0.6242	0.9363	1.117	1.852	2.853
MACA_WQ	MACA_THTH	10/10/2004 - 9/10/2005	13	0	13	1.082	2.84	1.767	1.547	0.5718	1.122	1.356	2.378	2.728
MACA_WQ	MACA_BIGR	10/10/2004 - 9/10/2005	13	0	13	1.28	2.3	1.906	2.036	0.3599	1.321	1.576	2.19	2.29
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1	1.999	1.999	1.999	---	...	---	---	---	---
MACA_WQ	MACA_GRGR	10/10/2004 - 9/10/2005	11	0	11	1.316	3.27	2.018	1.82	0.6271	1.329	1.452	2.598	3.149
MACA_WQ	MACA_NRRR	10/10/2004 - 9/10/2005	12	0	12	1.428	3.32	2.188	1.916	0.6668	1.445	1.577	2.858	3.214



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: 2/10/2005 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NNRN	2/10/2005 - 9/17/2019	59	3	56	0	3.298	1.017	0.9294	~~~	0.2107	0.6128	1.261	1.743
MACA_WQ	MACA_BSBC	2/10/2005 - 9/17/2019	59	1	58	0	2.738	1.253	1.219	~~~	0.4914	0.8751	1.576	2.134
MACA_WQ	MACA_DFDF	2/10/2005 - 9/17/2019	57	2	55	0	2.887	1.398	1.299	~~~	0.716	0.9345	1.764	2.249
MACA_WQ	MACA_GRGR	2/10/2005 - 9/17/2019	61	4	57	0	3.384	1.418	1.386	~~~	0.2408	0.8343	1.94	2.568
MACA_WQ	MACA_BSBS	2/10/2005 - 9/17/2019	61	2	59	0	3.07	1.461	1.377	~~~	0.7924	1.086	1.839	2.613
MACA_WQ	MACA_MSMS	2/10/2005 - 9/17/2019	58	2	56	0	3.049	1.502	1.401	~~~	0.6128	1.008	1.97	2.458
MACA_WQ	MACA_UCUC	2/10/2005 - 9/17/2019	55	0	55	0.6128	3.384	1.609	1.519	0.6141	0.766	1.238	1.944	2.433
MACA_WQ	MACA_ERES	2/10/2005 - 9/17/2019	60	3	57	0.301	2.991	1.658	1.584	0.721	0.6932	1.167	2.171	2.797
MACA_WQ	MACA_HRTH	2/10/2005 - 9/17/2019	35	23	12	0.301	3.114	1.666	1.657	0.7081	0.4911	1.231	2.074	2.869
MACA_WQ	MACA_PSPS	2/10/2005 - 9/17/2019	56	4	52	0	3.384	1.672	1.574	~~~	0.5838	1.256	2.245	2.513
MACA_WQ	MACA_OCTH	8/16/2011 - 8/16/2011	1	0	1	1.709	1.709	1.709	---	---	---	---	---	---
MACA_WQ	MACA_BIGR	2/10/2005 - 9/17/2019	59	8	51	0.716	2.812	1.724	1.667	0.5228	1.128	1.328	2.044	2.588
MACA_WQ	MACA_LRTH	9/10/2005 - 9/17/2019	44	11	33	0.4914	3.298	1.879	1.895	0.6376	1.165	1.374	2.286	2.767
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	1.121	2.714	2.052	2.071	0.5543	1.121	1.634	2.584	2.714
MACA_WQ	MACA_THTH	2/10/2005 - 9/17/2019	43	4	39	0.9868	3.114	2.061	2.105	0.5646	1.294	1.584	2.44	2.912
MACA_WQ	MACA_SHTH	12/20/2011 - 4/16/2019	10	2	8	0.4771	3.384	2.229	---	0.9959	---	---	---	---



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: 7/10/2002 - 10/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRRR	7/10/2002 - 9/10/2004	26	2	24	0	2.921	1.241	1.217	~~~	0.301	0.9159	1.468	2.575
MACA_WQ	MACA_MSMS	7/10/2002 - 10/10/2004	29	0	29	0	3.435	1.555	1.568	~~~	0.4771	0.8997	2.139	2.738
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	28	1	27	0.6021	3.543	1.579	1.519	0.7003	0.699	1.079	1.914	2.84
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	29	0	29	0	3.206	1.704	1.672	~~~	1	1.398	2.145	2.255
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	28	0	28	0	3.514	1.734	1.929	~~~	0.7605	1.155	2.139	2.826
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	26	0	26	0.7782	3.669	1.812	1.797	0.8265	0.7782	1.07	2.351	3.16
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	1.255	2.354	1.864	---	0.3655	---	---	---	---
MACA_WQ	MACA_DFDF	7/10/2002 - 10/10/2004	28	0	28	0.301	3.973	1.881	1.832	0.8191	0.8827	1.419	2.228	2.971
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	28	0	28	0.6021	3.811	1.92	1.826	0.709	1.067	1.531	2.138	3.234
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	16	0	16	0	3.959	1.991	2.103	~~~	0.334	1.288	2.428	3.456
MACA_WQ	MACA_PSPS	7/10/2002 - 10/10/2004	30	0	30	0.6021	3.785	2.069	2.083	0.8038	1.045	1.386	2.518	3.383
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	20	0	20	0.6021	4.034	2.173	2.091	1.036	0.6623	1.317	3.055	3.868
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	28	0	28	0.699	3.732	2.194	2.091	0.6984	1.41	1.781	2.533	3.411
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	15	0	15	1.114	3.86	2.357	2.14	0.8377	1.332	1.602	2.939	3.844
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	3.431	3.675	3.576	---	0.1279	---	---	---	---
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	4.6	4.6	4.6	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Log Fecal Lab

Units: log(#/100ml)

Period of Record: 10/10/2004 - 7/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRRR	10/10/2004 - 7/10/2005	5	0	5	0.699	2.104	1.289	---	0.5302	---	---	---	---
MACA_WQ	MACA_BSBS	10/10/2004 - 7/10/2005	6	0	6	1.352	1.887	1.601	---	0.2212	---	---	---	---
MACA_WQ	MACA_BSBC	10/10/2004 - 7/10/2005	5	0	5	1.363	2.34	1.716	---	0.3792	---	---	---	---
MACA_WQ	MACA_DFDF	11/10/2004 - 7/10/2005	4	0	4	0.6021	2.837	1.801	---	0.952	---	---	---	---
MACA_WQ	MACA_ERES	10/10/2004 - 7/10/2005	5	0	5	0.8401	3.054	1.976	---	1.053	---	---	---	---
MACA_WQ	MACA_UCUC	10/10/2004 - 7/10/2005	5	0	5	1.69	2.544	2.008	---	0.3193	---	---	---	---
MACA_WQ	MACA_HRTH	10/10/2004 - 7/10/2005	5	0	5	0.5855	3.349	2.138	---	1.004	---	---	---	---
MACA_WQ	MACA_MSMS	11/10/2004 - 7/10/2005	7	0	7	1.643	2.9	2.177	---	0.44	---	---	---	---
MACA_WQ	MACA_THTH	10/10/2004 - 7/10/2005	4	0	4	1.948	2.938	2.271	---	0.4504	---	---	---	---
MACA_WQ	MACA_GRGR	10/10/2004 - 7/10/2005	5	0	5	1.141	3.558	2.321	---	1.03	---	---	---	---
MACA_WQ	MACA_PSPS	11/10/2004 - 7/10/2005	4	0	4	1.633	2.875	2.387	---	0.5629	---	---	---	---
MACA_WQ	MACA_BIGR	10/10/2004 - 7/10/2005	5	0	5	1.671	3.319	2.67	---	0.7108	---	---	---	---



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: 2/10/2005 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NRRR	2/10/2005 - 9/10/2005	7	0	7	0	2.713	1.262	---	---	---	---	---	---
MACA_WQ	MACA_BSBC	2/10/2005 - 9/10/2005	7	0	7	0.4914	2.283	1.322	---	0.799	---	---	---	---
MACA_WQ	MACA_MSMS	2/10/2005 - 9/10/2005	8	1	7	0.6128	1.724	1.343	---	0.4051	---	---	---	---
MACA_WQ	MACA_BSBS	2/10/2005 - 9/10/2005	8	1	7	0.8751	2.093	1.452	---	0.4798	---	---	---	---
MACA_WQ	MACA_DFDF	2/10/2005 - 9/10/2005	7	1	6	0.7993	2.253	1.496	---	0.5238	---	---	---	---
MACA_WQ	MACA_UCUC	2/10/2005 - 9/10/2005	6	0	6	0.7076	2.464	1.634	---	0.638	---	---	---	---
MACA_WQ	MACA_ERES	2/10/2005 - 9/10/2005	7	0	7	1.38	2.412	1.781	---	0.3629	---	---	---	---
MACA_WQ	MACA_GRGR	2/10/2005 - 9/10/2005	7	0	7	1.362	1.934	1.808	---	0.2081	---	---	---	---
MACA_WQ	MACA_PSPS	2/10/2005 - 9/10/2005	6	0	6	1.391	2.912	2.043	---	0.5536	---	---	---	---
MACA_WQ	MACA_THTH	2/10/2005 - 9/10/2005	8	0	8	1.48	2.415	2.088	---	0.3164	---	---	---	---
MACA_WQ	MACA_BIGR	2/10/2005 - 9/10/2005	7	1	6	1.838	3.15	2.2	---	0.48	---	---	---	---
MACA_WQ	MACA_HRTH	2/10/2005 - 9/10/2005	7	0	7	1.643	3.298	2.206	---	0.5362	---	---	---	---
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1	2.415	2.415	2.415	---	...	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	10/10/2004 - 9/10/2005	12	0	12	1.15	2.193	1.693	1.64	0.2603	1.26	1.578	1.881	2.124
MACA_WQ	MACA_DFDF	10/10/2004 - 9/10/2005	12	0	12	1.21	4.25	2.565	2.347	1.089	1.318	1.686	3.645	4.239
MACA_WQ	MACA_MSMS	10/10/2004 - 9/10/2005	14	0	14	2.02	4.03	2.819	2.723	0.5916	2.09	2.31	3.181	3.83
MACA_WQ	MACA_UCUC	10/10/2004 - 9/10/2005	12	0	12	1.58	5.17	3.165	3.304	1.113	1.664	2.046	3.705	5.021
MACA_WQ	MACA_PSPS	10/10/2004 - 9/10/2005	12	0	12	2.77	6.33	3.901	3.603	1.046	2.801	3.068	4.438	5.93
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	13	0	13	1.65	5.316	4.337	4.37	0.9206	2.52	4.153	4.92	5.266
MACA_WQ	MACA_BSBS	10/10/2004 - 9/10/2005	14	0	14	1.97	6.96	4.594	4.357	1.765	1.98	3.346	6.639	6.831
MACA_WQ	MACA_NNRN	10/10/2004 - 9/10/2005	12	0	12	3.536	7.691	5.272	4.525	1.621	3.594	3.858	7.299	7.613
MACA_WQ	MACA_GRGR	10/10/2004 - 9/10/2005	11	0	11	4.12	8.269	6.145	5.608	1.317	4.258	5.36	7.462	8.159
MACA_WQ	MACA_BIGR	10/10/2004 - 9/10/2005	13	0	13	3.89	8.46	6.364	6.338	1.36	4.13	5.536	7.513	8.238
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1	6.748	6.748	6.748	---	---	---	---	---	---
MACA_WQ	MACA_THTH	10/10/2004 - 9/10/2005	13	0	13	4.33	10.91	7.86	7.723	1.93	4.908	6.499	9.506	10.71
MACA_WQ	MACA_HRTH	10/10/2004 - 9/10/2005	12	0	12	4.99	10.5	7.974	8.289	1.729	5.224	6.401	9.443	10.36



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_MSMS	10/10/2004 - 9/10/2005	14	0	14	0.81	1.51	1.084	1.065	0.1803	0.8375	0.9718	1.205	1.39
MACA_WQ	MACA_BSBC	10/10/2004 - 9/10/2005	12	0	12	0.829	1.32	1.099	1.146	0.1629	0.8386	0.9425	1.228	1.303
MACA_WQ	MACA_PSPS	10/10/2004 - 9/10/2005	12	0	12	1	3.992	1.608	1.369	0.8146	1.018	1.124	1.62	3.444
MACA_WQ	MACA_DFDF	10/10/2004 - 9/10/2005	12	0	12	0.822	2.95	1.665	1.598	0.6642	0.8391	1.124	2.149	2.843
MACA_WQ	MACA_UCUC	10/10/2004 - 9/10/2005	12	0	12	0.937	2.69	1.703	1.607	0.5847	0.9742	1.149	2.249	2.637
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	13	0	13	0.798	2.82	1.889	1.89	0.5745	1.024	1.482	2.38	2.742
MACA_WQ	MACA_BSBS	10/10/2004 - 9/10/2005	14	0	14	0.902	2.82	2.014	2.186	0.625	0.915	1.483	2.515	2.738
MACA_WQ	MACA_HRTH	10/10/2004 - 9/10/2005	12	0	12	1.93	3.36	2.522	2.385	0.483	1.933	2.126	2.79	3.357
MACA_WQ	MACA_GRGR	10/10/2004 - 9/10/2005	11	0	11	2.12	6.165	3.813	3.467	1.357	2.193	2.58	4.623	6.135
MACA_WQ	MACA_BIGR	10/10/2004 - 9/10/2005	13	0	13	1.78	6.37	4.017	3.42	1.453	1.988	2.773	5.215	6.09
MACA_WQ	MACA_NRRR	10/10/2004 - 9/10/2005	12	0	12	3.07	6.006	4.549	4.512	0.861	3.26	3.855	5.131	5.935
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1	4.558	4.558	4.558	---	...	---	---	---	---
MACA_WQ	MACA_THTH	10/10/2004 - 9/10/2005	13	0	13	2.43	12.3	5.911	5.191	3.033	2.518	3.597	7.845	11.6



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	22	12	10	0.5507	1.789	1.033	0.8782	0.4731	0.5558	0.6071	1.545	1.771
MACA_WQ	MACA_BIGR	10/10/2002 - 9/10/2005	19	7	12	0.6008	2.492	1.133	1.114	0.5288	0.6077	0.66	1.268	2.215
MACA_WQ	MACA_LRTH	11/10/2002 - 9/10/2005	9	3	6	0.5292	1.933	1.14	---	0.5328	---	---	---	---
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	20	12	8	0.5253	2.094	1.191	---	0.5613	---	---	---	---
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	23	14	9	0.606	3.211	1.225	0.7417	0.9471	0.606	0.6508	1.79	3.211
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2005	17	8	9	0.5014	3.586	1.238	0.9088	0.9679	0.5014	0.5763	1.554	3.586
MACA_WQ	MACA_NNRN	11/10/2002 - 9/10/2005	21	5	16	0.5704	3.357	1.239	1.008	0.715	0.5829	0.7522	1.617	2.439
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	22	14	8	0.5398	2.01	1.244	---	0.525	---	---	---	---
MACA_WQ	MACA_OCTH	9/10/2003 - 5/10/2004	4	0	4	0.682	2.748	1.259	---	0.9971	---	---	---	---
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	23	13	10	0.5484	3.337	1.279	0.922	0.9033	0.5485	0.7032	1.594	3.245
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	22	13	9	0.5373	4.247	1.313	0.6925	1.215	0.5373	0.5865	1.69	4.247
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	19	12	7	0.6206	3.35	1.426	---	0.9258	---	---	---	---
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	1	2	1.168	1.784	1.476	---	0.4352	---	---	---	---
MACA_WQ	MACA_GRGR	8/10/2002 - 9/10/2005	19	7	12	0.5764	3.496	1.557	1.156	0.9743	0.5944	0.7641	2.127	3.369
MACA_WQ	MACA_THTH	12/10/2002 - 9/10/2005	9	5	4	0.7884	2.492	1.609	---	0.703	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Nitrate as NO3 CUPN **Units:** mg/l

Period of Record: 10/19/2010 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_DFDF	10/19/2010 - 9/17/2019	50	6	44	1.4	10	3.576	3.14	2.213	1.565	2.075	3.883	7.4
MACA_WQ	MACA_BSBC	10/19/2010 - 9/17/2019	52	7	45	1.1	9.3	3.714	3.4	2.047	1.562	2	4.125	7.66
MACA_WQ	MACA_UCUC	10/19/2010 - 9/17/2019	48	6	42	1.5	11.1	4.07	3.935	2.219	1.691	2.673	4.518	5.987
MACA_WQ	MACA_MSMS	10/19/2010 - 9/17/2019	50	7	43	1.4	13	4.491	4.41	2.403	1.622	2.8	5.6	6.576
MACA_WQ	MACA_BSBS	10/19/2010 - 9/17/2019	53	6	47	2.2	16.2	6.269	6.11	2.981	2.678	4.29	7.31	8.76
MACA_WQ	MACA_PSPS	10/19/2010 - 9/17/2019	50	7	43	1.8	18.1	6.296	5.98	3.748	2.482	4.04	7	9.348
MACA_WQ	MACA_NNRN	10/19/2010 - 9/17/2019	52	6	46	1.8	17.9	7.873	6.94	4.379	2.391	4.578	10.67	14.4
MACA_WQ	MACA_GRGR	10/19/2010 - 9/17/2019	54	6	48	2	21.9	8.42	6.44	4.845	2.79	5.045	11.76	15.53
MACA_WQ	MACA_BIGR	10/19/2010 - 9/17/2019	52	8	44	2.7	23	9.038	7.375	4.605	4.855	5.683	12.38	15.3
MACA_WQ	MACA_ERES	10/19/2010 - 9/17/2019	53	7	46	2.3	28.5	10.11	8.8	5.74	4.54	5.8	13.35	18.19
MACA_WQ	MACA_SHTH	12/20/2011 - 4/16/2019	10	3	7	7.07	19.5	13.61	---	4.623	---	---	---	---
MACA_WQ	MACA_NSTH	9/20/2011 - 6/19/2012	8	0	8	6.7	19.53	13.62	---	5.353	---	---	---	---
MACA_WQ	MACA_LRTH	10/19/2010 - 9/17/2019	43	14	29	5.4	39	14.85	14.11	7.639	7.16	8.415	18.1	23.5
MACA_WQ	MACA_THTH	10/19/2010 - 9/17/2019	35	7	28	5.1	38.2	16.02	15.39	8.517	6.28	9.45	19.54	32.13
MACA_WQ	MACA_HRTH	10/19/2010 - 9/17/2019	27	21	6	17.01	30.83	23.38	---	5.628	---	---	---	---
MACA_WQ	MACA_OCTH	8/16/2011 - 8/16/2011	1	0	1	24.49	24.49	24.49	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: NO2

Units: mg/l

Period of Record: 10/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_BSBS	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_DFDF	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_HRTH	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_MSMS	3/10/2005 - 9/10/2005	6	6	0									
MACA_WQ	MACA_PSPS	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_THTH	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_UCUC	6/10/2005 - 9/10/2005	4	4	0									
MACA_WQ	MACA_GRGR	11/10/2004 - 9/10/2005	5	4	1	0.0597	0.0597	0.0597	---	...	---	---	---	---
MACA_WQ	MACA_ERES	11/10/2004 - 9/10/2005	5	4	1	0.0598	0.0598	0.0598	---	...	---	---	---	---
MACA_WQ	MACA_BIGR	11/10/2002 - 9/10/2005	5	4	1	0.101	0.101	0.101	---	...	---	---	---	---
MACA_WQ	MACA_LRTH	2/10/2004 - 9/10/2005	2	1	1	0.1681	0.1681	0.1681	---	...	---	---	---	---
MACA_WQ	MACA_NRRR	10/10/2002 - 9/10/2005	11	4	7	0.1233	0.4256	0.2418	---	0.1214	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	40	0	40	0.7412	4.566	1.578	1.334	0.7321	0.8386	1.059	1.966	2.499
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	40	0	40	1.012	3.314	1.768	1.625	0.5915	1.084	1.389	2.087	2.745
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	43	0	43	0.8222	7.707	1.905	1.537	1.16	1.108	1.3	2.038	3.127
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	40	0	40	1.272	5.535	2.527	2.069	1.17	1.389	1.682	2.934	4.455
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	42	0	42	1.493	6.873	3.098	2.935	1.053	1.944	2.265	3.671	4.359
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	44	0	44	1.736	5.508	3.442	3.199	1.013	2.115	2.767	4.323	4.952
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	3.494	3.494	3.494	---	---	---	---	---	---
MACA_WQ	MACA_NNRN	7/10/2002 - 9/10/2005	38	0	38	0.4085	8.98	4.098	4.339	2.14	1.201	2.311	5.785	6.87
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	3.892	4.7	4.407	---	0.4472	---	---	---	---
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	40	0	40	0.7268	9.56	5.033	5.138	1.949	2.169	3.797	6.047	7.79
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	39	0	39	1.838	9.81	5.319	4.507	2.217	2.75	3.341	7.152	8.827
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2005	42	0	42	2.19	8.641	5.327	5.233	1.379	3.638	4.248	6.203	7.083
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	19	0	19	0.9158	12.99	7.802	7.072	2.918	4.338	6.146	9.789	12.38
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	27	1	26	5.003	13.69	9.976	9.748	2.606	5.854	8.071	12.44	13.42
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	8.511	12.19	10.35	---	1.516	---	---	---	---
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2005	32	0	32	7.151	19.17	13.2	13.45	3.246	8.347	10.79	15.69	17.74



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	1	0									
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	44	2	42	0.3282	1.991	0.7459	0.5645	0.4156	0.4186	0.4698	0.9216	1.491
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	40	2	38	0.5583	2.506	1.079	0.8491	0.5499	0.6224	0.712	1.247	2.06
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	43	4	39	0.357	4.604	1.089	0.8667	0.7636	0.4635	0.6155	1.306	1.929
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	40	2	38	0.5335	6.427	1.155	0.8425	0.9625	0.6643	0.7572	1.146	1.8
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	6	1	5	0.8549	2.354	1.287	---	0.6114	---	---	---	---
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	19	1	18	0.3937	2.932	1.469	1.243	0.7297	0.7233	0.9484	2.079	2.901
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	40	3	37	0.5396	12.25	1.601	0.9129	2.083	0.5911	0.7115	1.648	3.134
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	40	2	38	0.4251	4.626	1.778	1.581	0.9817	0.6048	1.03	2.542	2.83
MACA_WQ	MACA_HRTH	8/10/2002 - 9/10/2005	31	1	30	0.4306	6.46	1.863	1.407	1.472	0.4555	0.8187	2.633	3.633
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	39	1	38	0.3704	5.821	1.927	1.698	1.125	0.6183	1.011	2.734	3.06
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	28	0	28	0.4422	5.729	1.971	1.743	1.309	0.516	1.064	2.354	4.167
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2005	42	1	41	0.3192	5.193	2.37	2.348	0.9516	1.374	1.821	2.764	3.205
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	40	1	39	0.3199	4.999	2.558	2.414	1.034	1.489	1.68	3.184	4.392
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	2.214	3.408	2.623	---	0.6798	---	---	---	---
MACA_WQ	MACA_NNRN	7/10/2002 - 9/10/2005	39	2	37	1.624	35.43	3.684	2.906	5.418	1.796	2.103	3.316	3.97



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: 7/10/2002 - 9/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	22.22	22.22	22.22	---	...	---	---	---	---
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2004	29	0	29	17.02	41.75	28.27	27.66	6.498	21.24	22.46	33.82	37.27
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	29	0	29	17.77	48.23	28.78	25.96	7.058	21.62	24.62	33.01	39.36
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	29	0	29	17.33	43.7	31.85	31.25	7.15	24.14	25.74	38.56	41.67
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	31.44	38.21	34.2	---	3.55	---	---	---	---
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	31	0	31	17.96	65.91	36.79	36.95	9.185	25.1	30.7	41.09	46.85
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2004	29	0	29	22.93	56.21	37.31	37.69	6.704	25.81	34.26	40.42	44.82
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	29	0	29	22.82	55	42.13	42.65	7.298	32.93	36.36	47.11	52.43
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2004	31	0	31	26.24	51.46	42.19	41.61	5.616	33.42	40.32	47.23	48.95
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	30	0	30	24.43	54.75	42.33	43.58	7.553	30.86	38.28	47.44	53.55
MACA_WQ	MACA_NRRR	7/10/2002 - 9/10/2004	28	0	28	4.533	56.49	42.79	44.48	10.73	31.65	38.94	49.69	53.29
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	27	0	27	24.14	66.84	46.36	45.65	9.315	35.15	40.16	54.4	58.36
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	18	0	18	10.86	71.75	56.13	58.77	14.31	31.88	51.84	65.56	66.92
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	16	0	16	44.69	73.33	60.11	59.8	9.929	46.35	52.44	71.7	73.23
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	48.2	80.73	62.44	---	11.44	---	---	---	---
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	21	0	21	12.58	89.29	65.49	63.1	15.67	50.97	59.57	76.06	81.21



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: 7/10/2002 - 9/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	2.209	2.209	2.209	---	---	---	---	---	---
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	29	0	29	1.127	5.706	2.237	1.954	1.011	1.618	1.802	2.271	3.007
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2004	29	0	29	1.063	4.84	2.648	2.35	0.9657	1.74	1.927	3.241	4.158
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	29	0	29	0.8451	6.548	3.173	2.626	1.367	1.775	2.237	3.968	5.549
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2004	29	0	29	1.846	6.688	3.358	3.085	1.166	2.358	2.691	3.506	6.196
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	3.387	3.752	3.625	---	0.2065	---	---	---	---
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2004	31	0	31	2.433	8.194	4.682	4.339	1.499	2.832	3.397	5.512	7.223
MACA_WQ	MACA_NNRN	7/10/2002 - 9/10/2004	28	0	28	2.062	8.451	4.865	4.672	1.15	3.919	4.224	5.401	6.046
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	31	0	31	1.198	8.662	5.211	5.036	1.943	2.335	3.947	6.782	8.207
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	27	0	27	3.498	8.372	5.305	5.426	1.126	3.801	4.307	5.962	6.602
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	18	0	18	1.011	7.896	5.397	5.719	1.597	2.869	5.119	6.225	7.068
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	29	0	29	5.042	8.787	6.457	6.394	0.9662	5.087	5.777	6.951	7.899
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	30	0	30	5.275	8.827	6.808	6.756	0.9785	5.44	6.157	7.46	8.327
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	16	0	16	5.751	10.96	8.125	7.9	1.423	5.948	7.114	9.195	10.23
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	21	0	21	1.545	19.39	8.327	8.193	3.192	6.208	6.864	9.035	11.05
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	6.82	18.89	9.971	---	3.89	---	---	---	---



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: 7/10/2002 - 9/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	29	3	26	0.5036	1.884	0.8138	0.7466	0.2886	0.5774	0.6136	0.8821	1.219
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2004	28	2	26	0.5243	2.405	1.007	0.8508	0.5123	0.6108	0.6585	1.069	2.153
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	31	0	31	0.6619	1.415	1.028	1.012	0.2073	0.7066	0.8709	1.198	1.327
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2004	29	0	29	0.6046	3.022	1.207	1.125	0.4407	0.8025	0.9217	1.37	1.583
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	28	0	28	0.5412	2.626	1.238	0.9821	0.6191	0.6436	0.7527	1.749	2.252
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	26	0	26	0.6244	2.814	1.56	1.427	0.5659	0.7693	1.26	1.849	2.485
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2004	30	0	30	0.7977	3.203	1.572	1.349	0.6322	0.9127	1.052	2.12	2.558
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	18	1	17	1.036	3.495	1.893	1.831	0.6695	1.163	1.358	2.247	2.993
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	7	0	7	1.353	3.111	1.985	---	0.6254	---	---	---	---
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	30	0	30	1.262	3.014	2.009	1.919	0.4999	1.447	1.591	2.365	2.899
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	29	0	29	1.265	3.502	2.039	2.048	0.5539	1.428	1.604	2.294	3.12
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	16	0	16	1.311	3.076	2.085	1.834	0.5938	1.432	1.569	2.662	3.036
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	20	1	19	0.9769	4.565	2.139	2.009	0.9272	1.073	1.398	2.682	3.43
MACA_WQ	MACA_NRNR	7/10/2002 - 9/10/2004	28	0	28	1.11	3.368	2.411	2.391	0.6065	1.753	1.956	2.922	3.285
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	1.577	3.196	2.566	---	0.8666	---	---	---	---
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	3.526	3.526	3.526	---	...	---	---	---	---



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: 7/10/2002 - 9/10/2004

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2004	29	0	29	0.5184	3.055	1.145	1.051	0.489	0.6991	0.7973	1.325	1.604
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2004	29	0	29	0.447	3.542	1.16	1.026	0.6114	0.5946	0.8201	1.326	2.176
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2004	29	0	29	0.6605	2.834	1.461	1.245	0.6005	0.9179	1.012	1.733	2.575
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	1.547	1.547	1.547	---	---	---	---	---	---
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2004	29	0	29	0.6612	4.164	1.548	1.238	0.798	0.8133	1.037	1.797	2.829
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2004	31	0	31	0.5499	4.495	1.775	1.359	1.066	0.8617	1.132	2.148	4.156
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2004	31	0	31	0.5725	2.889	1.854	1.823	0.5598	1.076	1.464	2.305	2.623
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2004	27	0	27	1.126	3.277	1.993	1.934	0.5078	1.321	1.688	2.339	2.734
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	1.805	2.191	2.026	---	0.1993	---	---	---	---
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2004	21	0	21	0.3659	4.71	2.41	2.331	0.8058	1.585	2.074	2.725	3.322
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2004	29	0	29	2.201	6.587	3.466	3.297	1.034	2.365	2.784	3.914	4.779
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2004	30	0	30	2.228	6.69	3.555	3.547	1.119	2.289	2.482	3.986	5.501
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2004	18	0	18	0.4556	8.806	3.58	3.162	2.013	0.6073	2.6	4.767	6.398
MACA_WQ	MACA_NRNR	7/10/2002 - 9/10/2004	28	0	28	2.303	6.404	4.151	4.346	0.9571	2.953	3.376	4.68	5.332
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2004	16	0	16	2.451	8.225	5.002	4.81	1.83	2.544	3.596	6.708	8.089
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	4.076	9.919	6.53	---	2.064	---	---	---	---



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	0	9	6.7	7.37	6.968	6.81	0.2533	6.7	6.785	7.22	7.37
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	6.91	7.54	7.169	7.13	0.2257	6.912	6.93	7.365	7.53
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	6.93	7.7	7.188	7.13	0.2413	6.93	7.025	7.32	7.7
MACA_WQ	MACA_THTH	10/10/2002 - 9/18/2018	51	1	50	6.37	8.04	7.189	7.18	0.328	6.82	6.918	7.422	7.587
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	49	12	37	6.69	7.68	7.273	7.36	0.2666	6.842	7.05	7.47	7.542
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	79	0	79	5.73	8.13	7.298	7.37	0.3894	6.79	7.13	7.56	7.73
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	77	0	77	6.18	8.21	7.338	7.32	0.3706	6.914	7.185	7.595	7.762
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	86	0	86	6.55	8.24	7.36	7.355	0.2852	7.027	7.15	7.59	7.693
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	80	0	80	6.46	8.17	7.37	7.4	0.3269	6.961	7.163	7.598	7.757
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	80	0	80	6.51	8.51	7.413	7.435	0.3358	7.021	7.163	7.62	7.839
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	79	0	79	5.99	8.06	7.419	7.45	0.371	7.04	7.22	7.68	7.84
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	81	1	80	6.53	8.31	7.465	7.51	0.3314	7.032	7.262	7.71	7.858
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	81	0	81	6.46	8.57	7.512	7.5	0.3433	7.106	7.28	7.75	7.926
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	49	2	47	6.54	8.54	7.547	7.64	0.4415	6.842	7.17	7.91	7.97
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	80	0	80	6.55	8.43	7.596	7.635	0.3742	7.114	7.338	7.858	8.038
MACA_WQ	MACA_NRNR	7/10/2002 - 9/18/2018	78	0	78	6.35	8.81	7.654	7.655	0.4443	7.109	7.325	7.97	8.181



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: 10/16/2018 - 11/20/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 11/20/2018	2	2	0									
MACA_WQ	MACA_BIGR	10/16/2018 - 11/20/2018	2	0	2	6.69	7.33	7.01	---	0.4525	---	---	---	---
MACA_WQ	MACA_THTH	10/16/2018 - 11/20/2018	2	0	2	6.99	7.14	7.065	---	0.1061	---	---	---	---
MACA_WQ	MACA_ERES	10/16/2018 - 11/20/2018	3	0	3	7.05	7.53	7.213	---	0.2743	---	---	---	---
MACA_WQ	MACA_SHTH	11/20/2018 - 11/20/2018	1	0	1	7.33	7.33	7.33	---	...	---	---	---	---
MACA_WQ	MACA_DFDF	10/16/2018 - 11/20/2018	2	0	2	7.11	7.56	7.335	---	0.3182	---	---	---	---
MACA_WQ	MACA_BSBS	10/16/2018 - 11/20/2018	2	0	2	7.03	7.69	7.36	---	0.4667	---	---	---	---
MACA_WQ	MACA_NRNR	10/16/2018 - 11/20/2018	2	0	2	7.07	7.68	7.375	---	0.4313	---	---	---	---
MACA_WQ	MACA_PSPS	10/16/2018 - 11/20/2018	2	0	2	7.35	7.42	7.385	---	0.0495	---	---	---	---
MACA_WQ	MACA_MSMS	10/16/2018 - 11/20/2018	2	0	2	7.37	7.55	7.46	---	0.1273	---	---	---	---
MACA_WQ	MACA_BSBC	10/16/2018 - 11/20/2018	2	0	2	7.32	7.71	7.515	---	0.2758	---	---	---	---
MACA_WQ	MACA_LRTH	10/16/2018 - 11/20/2018	3	0	3	7.48	7.59	7.52	---	0.0608	---	---	---	---
MACA_WQ	MACA_UCUC	10/16/2018 - 11/20/2018	2	0	2	7.26	7.83	7.545	---	0.4031	---	---	---	---
MACA_WQ	MACA_GRGR	10/16/2018 - 11/20/2018	2	0	2	7.54	7.62	7.58	---	0.0566	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: pH_HI991300

Units: None

Period of Record: 5/21/2019 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_LRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_THTH	5/21/2019 - 9/17/2019	5	0	5	7.05	7.42	7.224	---	0.1431	---	---	---	---
MACA_WQ	MACA_ERES	5/21/2019 - 9/17/2019	6	0	6	7.32	7.8	7.505	---	0.1712	---	---	---	---
MACA_WQ	MACA_BSBC	5/21/2019 - 9/17/2019	6	0	6	7.53	7.7	7.583	---	0.0602	---	---	---	---
MACA_WQ	MACA_UCUC	5/21/2019 - 9/17/2019	5	0	5	7.39	7.75	7.594	---	0.135	---	---	---	---
MACA_WQ	MACA_PSPS	5/21/2019 - 9/17/2019	5	0	5	7.53	7.8	7.656	---	0.1133	---	---	---	---
MACA_WQ	MACA_BSBS	5/21/2019 - 9/17/2019	5	0	5	7.58	7.79	7.662	---	0.0881	---	---	---	---
MACA_WQ	MACA_NRNR	5/21/2019 - 9/17/2019	5	0	5	7.58	7.86	7.704	---	0.1074	---	---	---	---
MACA_WQ	MACA_DFDF	5/21/2019 - 9/17/2019	5	0	5	7.67	7.84	7.732	---	0.0642	---	---	---	---
MACA_WQ	MACA_BIGR	5/21/2019 - 9/17/2019	6	0	6	7.41	8	7.74	---	0.2234	---	---	---	---
MACA_WQ	MACA_MSMS	5/21/2019 - 9/17/2019	5	0	5	7.71	7.93	7.77	---	0.0914	---	---	---	---
MACA_WQ	MACA_GRGR	5/21/2019 - 9/17/2019	7	0	7	7.7	8.11	7.89	---	0.1656	---	---	---	---



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: 12/18/2018 - 4/16/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	12/18/2018 - 4/16/2019	4	4	0									
MACA_WQ	MACA_THTH	12/18/2018 - 4/16/2019	4	1	3	6.97	7.52	7.267	---	0.2775	---	---	---	---
MACA_WQ	MACA_BIGR	12/18/2018 - 4/16/2019	5	3	2	7.27	7.29	7.28	---	0.0141	---	---	---	---
MACA_WQ	MACA_ERES	12/18/2018 - 4/16/2019	4	0	4	7.09	7.73	7.31	---	0.2875	---	---	---	---
MACA_WQ	MACA_UCUC	12/18/2018 - 4/16/2019	4	1	3	6.82	7.75	7.42	---	0.5205	---	---	---	---
MACA_WQ	MACA_SHTH	2/19/2019 - 4/16/2019	2	0	2	7.33	7.54	7.435	---	0.1485	---	---	---	---
MACA_WQ	MACA_DFDF	12/18/2018 - 4/16/2019	4	1	3	7.14	7.73	7.53	---	0.3378	---	---	---	---
MACA_WQ	MACA_BSBC	12/18/2018 - 4/16/2019	5	1	4	6.85	7.86	7.542	---	0.4692	---	---	---	---
MACA_WQ	MACA_NRNR	12/18/2018 - 4/16/2019	4	1	3	7.31	7.85	7.587	---	0.2702	---	---	---	---
MACA_WQ	MACA_BSBS	12/18/2018 - 4/16/2019	4	1	3	7.21	7.9	7.643	---	0.3774	---	---	---	---
MACA_WQ	MACA_MSMS	12/18/2018 - 4/16/2019	5	1	4	7.5	7.85	7.67	---	0.1857	---	---	---	---
MACA_WQ	MACA_PSPS	12/18/2018 - 4/16/2019	5	1	4	7.38	7.85	7.698	---	0.2142	---	---	---	---
MACA_WQ	MACA_LRTH	12/18/2018 - 4/16/2019	4	3	1	7.73	7.73	7.73	---	...	---	---	---	---
MACA_WQ	MACA_GRGR	12/18/2018 - 4/16/2019	4	2	2	7.71	7.77	7.74	---	0.0424	---	---	---	---



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: 7/10/2002 - 5/15/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	22	3	19	0.0476	0.7479	0.2212	0.1881	0.1672	0.0713	0.0878	0.2865	0.4379
MACA_WQ	MACA_GRGR	10/10/2002 - 9/10/2005	13	5	8	0.0209	0.5378	0.2338	---	0.185	---	---	---	---
MACA_WQ	MACA_NRRR	3/10/2003 - 9/10/2005	10	4	6	0.0838	0.5511	0.2443	---	0.1708	---	---	---	---
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	0.1587	0.3973	0.2716	---	0.1198	---	---	---	---
MACA_WQ	MACA_PSPS	9/10/2002 - 9/10/2005	16	2	14	0.0473	1.77	0.3165	0.1583	0.456	0.0502	0.0714	0.3487	1.191
MACA_WQ	MACA_BSBC	5/10/2005 - 9/10/2005	5	2	3	0.0594	0.4924	0.3173	---	0.228	---	---	---	---
MACA_WQ	MACA_BIGR	9/10/2002 - 9/10/2005	18	2	16	0.0607	1.71	0.3283	0.1644	0.4303	0.0643	0.0959	0.3102	1.087
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	0.3899	0.3899	0.3899	---	...	---	---	---	---
MACA_WQ	MACA_ERES	8/10/2002 - 9/10/2005	19	1	18	0.0785	2.273	0.4491	0.2244	0.6064	0.0811	0.1337	0.3766	1.811
MACA_WQ	MACA_MSMS	9/10/2002 - 9/10/2005	9	3	6	0.0637	1.735	0.4589	---	0.6536	---	---	---	---
MACA_WQ	MACA_BSBS	9/10/2002 - 9/10/2005	10	2	8	0.0196	1.722	0.5375	---	0.7396	---	---	---	---
MACA_WQ	MACA_HRTH	7/10/2002 - 5/15/2018	23	4	19	0.0831	2.353	0.5573	0.2486	0.7053	0.0887	0.1218	0.6322	2.039
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	12	2	10	0.0643	2.332	0.619	0.3405	0.7819	0.0654	0.1312	0.7482	2.279
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	4	0	4	0.0736	1.851	0.6336	---	0.8387	---	---	---	---
MACA_WQ	MACA_UCUC	9/10/2002 - 9/10/2005	7	2	5	0.1453	1.718	0.6576	---	0.6301	---	---	---	---
MACA_WQ	MACA_DFDF	9/10/2002 - 9/10/2005	8	3	5	0.0527	1.699	0.7949	---	0.7591	---	---	---	---



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: 10/10/2004 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	0	4.8	1.708	1.09	1.798	0	0.215	3.37	4.8
MACA_WQ	MACA_OCTH	8/16/2011 - 8/16/2011	1	0	1	1.78	1.78	1.78	---	...	---	---	---	---
MACA_WQ	MACA_HRTH	11/10/2004 - 9/17/2019	56	4	52	0	8.4	2.19	1.185	2.44	0	0.145	3.45	6.301
MACA_WQ	MACA_DFDF	10/10/2004 - 9/17/2019	62	0	62	0	13	2.257	1.185	2.689	0	0.235	3.15	6.301
MACA_WQ	MACA_UCUC	10/10/2004 - 9/17/2019	61	0	61	0	13	2.26	1.17	2.708	0	0.19	3.3	6.344
MACA_WQ	MACA_BIGR	10/10/2004 - 9/17/2019	65	2	63	0	13	2.284	1.17	2.709	0	0.1	3.6	6.258
MACA_WQ	MACA_GRGR	10/10/2004 - 9/17/2019	66	0	66	0	13	2.289	1.2	2.63	0	0.3175	3.6	6.129
MACA_WQ	MACA_BSBC	10/10/2004 - 9/17/2019	65	0	65	0	13	2.309	1.2	2.674	0	0.19	3.8	6.172
MACA_WQ	MACA_BSBS	10/10/2004 - 9/17/2019	67	0	67	0	13	2.362	1.17	2.781	0	0.28	4	7
MACA_WQ	MACA_PSPS	10/10/2004 - 9/17/2019	62	0	62	0	13	2.389	1.225	2.714	0	0.3175	3.7	6.43
MACA_WQ	MACA_MSMS	10/10/2004 - 9/17/2019	65	0	65	0	13	2.402	1.2	2.787	0	0.33	3.8	7
MACA_WQ	MACA_NRRR	10/10/2004 - 9/17/2019	64	0	64	0	13	2.402	1.2	2.97	0	0.2925	3.45	6.715
MACA_WQ	MACA_LRTH	9/10/2005 - 9/17/2019	49	0	49	0	13	2.464	1.25	2.679	0	0.405	4	6
MACA_WQ	MACA_THTH	10/10/2004 - 9/17/2019	49	0	49	0	13	2.469	1.2	2.884	0	0.19	3.8	7
MACA_WQ	MACA_ERES	10/10/2004 - 9/17/2019	64	0	64	0	13	2.491	1.45	2.766	0	0.33	3.9	6.715
MACA_WQ	MACA_SHTH	12/20/2011 - 4/16/2019	10	0	10	0.61	5.6	3.226	3.5	1.655	0.638	2.023	4.455	5.52



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	0	3	3.418	5.965	5.084	---	1.444	---	---	---	---
MACA_WQ	MACA_NSTH	10/10/2002 - 10/10/2002	1	0	1	5.532	5.532	5.532	---	...	---	---	---	---
MACA_WQ	MACA_BSBC	7/10/2002 - 9/10/2005	40	0	40	2.828	10.95	6.174	6.18	1.611	4.702	4.96	7.074	7.956
MACA_WQ	MACA_HRTH	7/10/2002 - 9/10/2005	32	0	32	2.643	9.978	7.157	7.363	1.668	4.343	6.146	8.248	8.886
MACA_WQ	MACA_MSMS	7/10/2002 - 9/10/2005	43	0	43	3.167	14.62	8.005	7.93	2.233	4.661	7.065	8.922	10.5
MACA_WQ	MACA_DFDF	7/10/2002 - 9/10/2005	40	0	40	2.456	28.27	9.215	6.906	5.861	4.657	5.755	10.24	19.01
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	39	0	39	3.252	17.03	9.575	9.535	2.732	5.996	8.356	10.95	13.03
MACA_WQ	MACA_PSPS	7/10/2002 - 9/10/2005	42	0	42	3.763	19.03	10.77	10.66	3.735	5.458	8.299	13.19	16.11
MACA_WQ	MACA_NRNR	7/10/2002 - 9/10/2005	39	0	39	4.277	20.44	10.78	10.08	3.837	6.842	8.153	12.05	16.52
MACA_WQ	MACA_UCUC	7/10/2002 - 9/10/2005	40	0	40	2.964	41.36	11.03	9.649	6.116	5.783	7.727	13.23	16.18
MACA_WQ	MACA_LRTH	7/10/2002 - 9/10/2005	19	0	19	5.793	19	11.27	12.06	3.248	5.934	8.515	12.89	15.19
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	27	0	27	3.103	20.53	11.44	10.93	4.388	5.125	9.008	13.66	18.53
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	8	0	8	7.842	16.99	12.59	---	3.027	---	---	---	---
MACA_WQ	MACA_GRGR	7/10/2002 - 9/10/2005	40	0	40	4.415	20.73	12.68	12.41	3.803	7.862	10.03	15.02	17.53
MACA_WQ	MACA_BIGR	7/10/2002 - 9/10/2005	42	0	42	4.637	21.77	13.43	14.06	4.289	7.079	10.68	16.31	18.8
MACA_WQ	MACA_BSBS	7/10/2002 - 9/10/2005	44	0	44	2.657	59.61	28.13	23.7	15.96	7.885	16	42.38	51.35



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	81	0	81	96	267	147.4	149.3	27.1	114	132	160	170.4
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	80	1	79	91.2	266	164.6	151	44.97	120	130	190.6	242
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	79	0	79	101	299	184.7	187	42.73	124	150	215	241
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	81	0	81	132.1	301	203.6	205	31	168.4	183.7	223.5	240
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	87	0	87	101	338	231.6	235	58.22	147	189.1	287	299.2
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	81	0	81	140	339	237.8	239	36.34	184.2	216	264.5	280
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	164	360	241.1	193	80.69	164.5	177.1	332.5	357.4
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	81	0	81	158	402	271.9	269	43.46	223.8	247	288.5	331.8
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	82	0	82	133.2	361	272	279.5	55.05	192.3	229.5	316.5	341.8
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	82	1	81	130.1	375	273.8	275	59.49	188.5	230	320.5	354.8
MACA_WQ	MACA_NRRR	7/10/2002 - 9/18/2018	80	0	80	123	373	277	273.5	46.88	224.3	248.5	307.3	337.7
MACA_WQ	MACA_NSTH	10/10/2002 - 11/21/2017	10	0	10	148	532	331.8	317.5	134.3	149.1	236.9	486.3	528.1
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	50	2	48	185	509	349.2	341	54.91	284.7	317	389	413.1
MACA_WQ	MACA_THTH	10/10/2002 - 9/18/2018	53	2	51	225	555	373.8	363	86.15	263.2	302	429	504.4
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	51	12	39	315	492	410.2	412	52.21	328	371	459	479
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	0	9	240	517	413.8	403	80.94	240	381	476.5	517



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: 10/16/2018 - 11/20/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 11/20/2018	2	2	0									
MACA_WQ	MACA_DFDF	10/16/2018 - 11/20/2018	2	0	2	77.1	145.7	111.4	---	48.51	---	---	---	---
MACA_WQ	MACA_BSBC	10/16/2018 - 11/20/2018	2	0	2	93.5	155.8	124.7	---	44.05	---	---	---	---
MACA_WQ	MACA_UCUC	10/16/2018 - 11/20/2018	2	0	2	92.2	176.1	134.2	---	59.33	---	---	---	---
MACA_WQ	MACA_BSBS	10/16/2018 - 11/20/2018	2	0	2	114.4	239	176.7	---	88.11	---	---	---	---
MACA_WQ	MACA_NRNR	10/16/2018 - 11/20/2018	2	0	2	232	266	249	---	24.04	---	---	---	---
MACA_WQ	MACA_SHTH	11/20/2018 - 11/20/2018	1	0	1	261	261	261	---	...	---	---	---	---
MACA_WQ	MACA_PSPS	10/16/2018 - 11/20/2018	2	0	2	229	305	267	---	53.74	---	---	---	---
MACA_WQ	MACA_BIGR	10/16/2018 - 11/20/2018	2	0	2	231	315	273	---	59.4	---	---	---	---
MACA_WQ	MACA_MSMS	10/16/2018 - 11/20/2018	2	0	2	208	341	274.5	---	94.05	---	---	---	---
MACA_WQ	MACA_THTH	10/16/2018 - 11/20/2018	2	0	2	257	359	308	---	72.12	---	---	---	---
MACA_WQ	MACA_GRGR	10/16/2018 - 11/20/2018	2	0	2	244	375	309.5	---	92.63	---	---	---	---
MACA_WQ	MACA_ERES	10/16/2018 - 11/20/2018	3	0	3	280	353	326.3	---	40.28	---	---	---	---
MACA_WQ	MACA_LRTH	10/16/2018 - 11/20/2018	3	0	3	324	344	333.7	---	10.02	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: SPC_HI991300

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

Period of Record: 5/21/2019 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_LRTH	5/21/2019 - 9/17/2019	5	5	0									
MACA_WQ	MACA_BSBC	5/21/2019 - 9/17/2019	6	0	6	144	158	152.5	---	5.32	---	---	---	---
MACA_WQ	MACA_DFDF	5/21/2019 - 9/17/2019	5	0	5	151	202	178.2	---	21.11	---	---	---	---
MACA_WQ	MACA_UCUC	5/21/2019 - 9/17/2019	5	0	5	188	239	217.8	---	22.11	---	---	---	---
MACA_WQ	MACA_MSMS	5/21/2019 - 9/17/2019	5	0	5	204	231	222.4	---	11.01	---	---	---	---
MACA_WQ	MACA_NRRR	5/21/2019 - 9/17/2019	5	0	5	251	294	270.4	---	16.29	---	---	---	---
MACA_WQ	MACA_BSBS	5/21/2019 - 9/17/2019	5	0	5	220	342	271	---	47.96	---	---	---	---
MACA_WQ	MACA_PSPS	5/21/2019 - 9/17/2019	5	0	5	257	313	273.4	---	24.11	---	---	---	---
MACA_WQ	MACA_ERES	5/21/2019 - 9/17/2019	6	0	6	242	298	274.2	---	20.88	---	---	---	---
MACA_WQ	MACA_GRGR	5/21/2019 - 9/17/2019	7	0	7	212	368	296	---	64.36	---	---	---	---
MACA_WQ	MACA_BIGR	5/21/2019 - 9/17/2019	6	0	6	228	365	311.7	---	48.62	---	---	---	---
MACA_WQ	MACA_THTH	5/21/2019 - 9/17/2019	5	0	5	350	524	443.2	---	84.17	---	---	---	---



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: 12/18/2018 - 4/16/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	12/18/2018 - 4/16/2019	4	4	0									
MACA_WQ	MACA_DFDF	12/18/2018 - 4/16/2019	4	1	3	123.8	128.4	126.2	---	2.303	---	---	---	---
MACA_WQ	MACA_BSBC	12/18/2018 - 4/16/2019	5	1	4	133.7	153.5	145.2	---	9.845	---	---	---	---
MACA_WQ	MACA_UCUC	12/18/2018 - 4/16/2019	4	1	3	151.9	156.6	154.1	---	2.364	---	---	---	---
MACA_WQ	MACA_BSBS	12/18/2018 - 4/16/2019	4	1	3	143.3	211	170.7	---	35.65	---	---	---	---
MACA_WQ	MACA_MSMS	12/18/2018 - 4/16/2019	5	1	4	176.6	192.5	188.5	---	7.901	---	---	---	---
MACA_WQ	MACA_BIGR	12/18/2018 - 4/16/2019	5	2	3	140.3	237	190.1	---	48.41	---	---	---	---
MACA_WQ	MACA_GRGR	12/18/2018 - 4/16/2019	4	1	3	178.1	219	198.8	---	20.45	---	---	---	---
MACA_WQ	MACA_PSPS	12/18/2018 - 4/16/2019	5	1	4	202	215	209.3	---	5.439	---	---	---	---
MACA_WQ	MACA_NRNR	12/18/2018 - 4/16/2019	4	1	3	154.6	280	212.9	---	63.17	---	---	---	---
MACA_WQ	MACA_THTH	12/18/2018 - 4/16/2019	4	1	3	234	262	248.3	---	14.01	---	---	---	---
MACA_WQ	MACA_SHTH	2/19/2019 - 4/16/2019	2	0	2	220	285	252.5	---	45.96	---	---	---	---
MACA_WQ	MACA_ERES	12/18/2018 - 4/16/2019	4	0	4	190.9	294	255	---	48.15	---	---	---	---
MACA_WQ	MACA_LRTH	12/18/2018 - 4/16/2019	4	3	1	376	376	376	---	...	---	---	---	---



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

Organization: Cumberland Piedmont Network

Local Name: Sper_Sci_Turbidity_Meter_8 **Units:** NTU
60040

Period of Record: 10/16/2018 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 9/17/2019	11	11	0									
MACA_WQ	MACA_BSBS	10/16/2018 - 9/17/2019	11	1	10	2.53	21.44	10.46	8.37	7.969	2.541	3.218	19.75	21.43
MACA_WQ	MACA_DFDF	10/16/2018 - 9/17/2019	11	1	10	4.45	21.38	12.15	13.72	5.069	4.598	7.1	14.77	20.72
MACA_WQ	MACA_UCUC	10/16/2018 - 9/17/2019	11	1	10	4.65	27.32	16.18	16.7	7.443	4.877	9.875	23.02	27.07
MACA_WQ	MACA_LRTH	10/16/2018 - 9/17/2019	12	8	4	2.36	31.57	16.38	---	14.7	---	---	---	---
MACA_WQ	MACA_PSPS	10/16/2018 - 9/17/2019	12	1	11	2.02	66	19.81	9.41	21.52	2.19	3.28	42.43	61.4
MACA_WQ	MACA_MSMS	10/16/2018 - 9/17/2019	12	1	11	7.19	54	21.69	18.37	14.08	7.45	12.26	31.19	50.71
MACA_WQ	MACA_ERES	10/16/2018 - 9/17/2019	13	0	13	1.52	66	22.53	19.61	21.42	1.58	3.475	29.68	65.6
MACA_WQ	MACA_BSBC	10/16/2018 - 9/17/2019	13	1	12	3.63	52	25.39	22.27	16.92	3.96	10.46	40.22	51.7
MACA_WQ	MACA_NRNR	10/16/2018 - 9/17/2019	11	1	10	9.38	92	29.26	22.67	23.92	9.604	17.97	29.4	87.23
MACA_WQ	MACA_SHTH	11/20/2018 - 4/16/2019	3	0	3	18.12	37.71	29.58	---	10.21	---	---	---	---
MACA_WQ	MACA_BIGR	10/16/2018 - 9/17/2019	13	2	11	6.41	108	37.69	21.79	35.4	6.532	11.89	59	104.8
MACA_WQ	MACA_GRGR	10/16/2018 - 9/17/2019	13	1	12	11.1	109	40.06	22.06	33.79	12.62	17.91	75.25	102.1
MACA_WQ	MACA_THTH	10/16/2018 - 9/17/2019	11	1	10	12.79	222	48.99	28.65	62.27	13.42	19.45	50	205.3



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: 2/10/2005 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_MSMS	2/10/2005 - 9/10/2005	8	1	7	4.1	53	29.16	---	18.64	---	---	---	---
MACA_WQ	MACA_BSBS	2/10/2005 - 9/10/2005	8	1	7	7.5	124	46.63	---	47.47	---	---	---	---
MACA_WQ	MACA_DFDF	2/10/2005 - 9/10/2005	7	1	6	6.3	179	55.23	---	64.38	---	---	---	---
MACA_WQ	MACA_BSBC	2/10/2005 - 9/10/2005	7	0	7	3.1	192	67.27	---	82.83	---	---	---	---
MACA_WQ	MACA_GRGR	2/10/2005 - 9/10/2005	7	0	7	23	86	69.43	---	23.15	---	---	---	---
MACA_WQ	MACA_ERES	2/10/2005 - 9/10/2005	7	0	7	24	258	83.77	---	82.09	---	---	---	---
MACA_WQ	MACA_UCUC	2/10/2005 - 9/10/2005	6	0	6	5.1	291	88.07	---	105.4	---	---	---	---
MACA_WQ	MACA_NNRN	2/10/2005 - 9/10/2005	7	0	7	1	517	106.3	---	191.9	---	---	---	---
MACA_WQ	MACA_THTH	2/10/2005 - 9/10/2005	8	0	8	30.2	260	147.9	---	81.75	---	---	---	---
MACA_WQ	MACA_PSPS	2/10/2005 - 9/10/2005	6	0	6	24.6	816	220.9	---	302	---	---	---	---
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	0	1	260	260	260	---	...	---	---	---	---
MACA_WQ	MACA_BIGR	2/10/2005 - 9/10/2005	7	1	6	68.9	1414	323.8	---	534.7	---	---	---	---
MACA_WQ	MACA_HRTH	2/10/2005 - 9/10/2005	7	0	7	44	1986	386.9	---	707.4	---	---	---	---



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	3	0									
MACA_WQ	MACA_NRRR	7/10/2002 - 9/10/2005	36	21	15	8	71	18.3	12.7	17.14	8.675	9.5	16.7	55.58
MACA_WQ	MACA_OCTH	7/10/2002 - 5/10/2004	6	1	5	14.6	40.7	21	---	11.09	---	---	---	---
MACA_WQ	MACA_GRGR	8/10/2002 - 9/10/2005	36	9	27	8.8	230	36.97	17.6	45.84	9.24	11.4	48	90.4
MACA_WQ	MACA_PSPS	8/10/2002 - 9/10/2005	39	22	17	8	351.3	39.37	18.6	81.07	8.88	11.15	30.97	102.6
MACA_WQ	MACA_HRTH	8/10/2002 - 9/10/2005	30	9	21	8.3	270	42.43	15.83	65.12	8.712	10.65	38.5	162.5
MACA_WQ	MACA_DFDF	8/10/2002 - 9/10/2005	36	17	19	8.077	393	43.02	14.3	87.89	8.6	9.2	35	90.75
MACA_WQ	MACA_BSBC	8/10/2002 - 9/10/2005	36	30	6	16.4	132	53.52	---	44.08	---	---	---	---
MACA_WQ	MACA_THTH	10/10/2002 - 9/10/2005	27	8	19	8.3	825	62.95	22.25	184.8	8.333	13.5	29.75	36.75
MACA_WQ	MACA_LRTH	8/10/2002 - 9/10/2005	16	4	12	9	389.1	110.2	43.15	132.2	9.57	15.9	205.3	368.4
MACA_WQ	MACA_UCUC	8/10/2002 - 9/10/2005	36	20	16	8.872	1751	145.5	14.2	431.9	9.008	11.11	37.88	672.1
MACA_WQ	MACA_MSMS	8/10/2002 - 9/10/2005	39	21	18	8.7	2742	173.5	19.55	641.3	8.95	12.71	28.3	353.1
MACA_WQ	MACA_BSBS	8/10/2002 - 9/10/2005	40	27	13	8.111	2215	200.1	29.6	605.8	8.149	10.02	59.42	1363
MACA_WQ	MACA_BIGR	8/10/2002 - 9/10/2005	37	7	30	8.4	9308	353.8	27.45	1692	10	14.1	68.03	159.8
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	37	26	11	8.833	3680	380.1	25.25	1097	9.447	12.2	77.5	2998



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: 7/10/2002 - 9/10/2005

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_LRTH	9/10/2005 - 9/10/2005	1	1	0									
MACA_WQ	MACA_SHTH	11/10/2002 - 4/10/2003	3	3	0									
MACA_WQ	MACA_NRRR	11/10/2004 - 9/10/2005	9	8	1	11.83	11.83	11.83	---	...	---	---	---	---
MACA_WQ	MACA_MSMS	12/10/2003 - 9/10/2005	14	10	4	8.566	20.5	15.38	---	5.764	---	---	---	---
MACA_WQ	MACA_PSPS	9/10/2003 - 9/10/2005	12	8	4	14.2	22.17	17.64	---	4.071	---	---	---	---
MACA_WQ	MACA_DFDF	11/10/2004 - 9/10/2005	10	6	4	8.383	70.25	25.64	---	29.79	---	---	---	---
MACA_WQ	MACA_GRGR	11/10/2004 - 9/10/2005	10	4	6	9.778	94.33	27.78	---	32.94	---	---	---	---
MACA_WQ	MACA_BIGR	11/10/2004 - 9/10/2005	11	3	8	8.463	89.67	32.22	---	29.35	---	---	---	---
MACA_WQ	MACA_BSBS	11/10/2004 - 9/10/2005	10	8	2	8.111	63.11	35.61	---	38.89	---	---	---	---
MACA_WQ	MACA_HRTH	11/10/2004 - 9/10/2005	11	3	8	8.476	168.4	36.62	---	54.2	---	---	---	---
MACA_WQ	MACA_UCUC	11/10/2004 - 9/10/2005	10	6	4	8.486	193	55.19	---	91.86	---	---	---	---
MACA_WQ	MACA_BSBC	10/10/2003 - 9/10/2005	11	10	1	63	63	63	---	...	---	---	---	---
MACA_WQ	MACA_ERES	7/10/2002 - 9/10/2005	14	11	3	19.2	258.2	98.9	---	138	---	---	---	---
MACA_WQ	MACA_THTH	4/10/2003 - 9/10/2005	11	5	6	13.41	720	138.8	---	284.8	---	---	---	---



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	87	1	86	0.428	35.7	5.461	3.55	5.833	1.889	2.535	5.728	11.19
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	82	0	82	0.7	88.4	8.02	4.45	11.59	2.324	2.868	9.285	13.29
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	79	0	79	1.94	97.3	8.517	4.82	13.81	2.45	3.27	7.22	14.5
MACA_WQ	MACA_NRRR	7/10/2002 - 9/18/2018	79	0	79	0.247	90.7	9.33	6.87	10.76	2.59	4.19	12.24	16
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0	9	2.48	26.6	9.764	8.58	8.198	2.48	3.18	14.63	26.6
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	7	0	7	4.38	18.2	10.26	---	5.76	---	---	---	---
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	80	0	80	0.9	271	10.81	5.605	30.27	1.75	2.89	10.15	16.29
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	79	0	79	0.609	114	11.1	4.72	19.46	1.89	2.59	8.72	30.8
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	80	0	80	1.04	262	12.45	6.01	29.65	2.25	3.208	14.2	25.56
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	79	0	79	0.255	155	12.68	5.27	25.07	2.5	3.6	8.97	22.1
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	50	11	39	0.51	184	15.47	6.05	32.26	1.85	3.64	11.9	24.2
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	82	0	82	0.325	115	15.64	10.38	18.43	3.461	5.103	16.66	35.74
MACA_WQ	MACA_THTH	10/10/2002 - 9/18/2018	52	1	51	1.21	72.7	16.41	10.77	14.6	4.446	7.16	20.3	37.26
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	50	2	48	0.83	210	19.5	8.54	38.91	2.706	3.343	16.85	33.07
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	81	1	80	1.36	123	19.58	10.62	23.36	3.518	6.158	26.1	45.71
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	9	0	9	8.64	199	57.34	18.8	77.81	8.64	13.2	110.3	199



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: 7/10/2002 - 9/18/2018

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_MSMS	7/10/2002 - 9/18/2018	82	0	82	7.9	19.6	13.32	13.3	1.534	11.9	12.7	13.9	14.4
MACA_WQ	MACA_DFDF	7/10/2002 - 9/18/2018	80	0	80	8.4	17	13.38	14.05	2.252	10.03	11.3	15.2	15.99
MACA_WQ	MACA_BSBS	7/10/2002 - 9/18/2018	87	0	87	9.8	17.6	13.5	13.7	1.688	11.08	12.2	14.8	15.6
MACA_WQ	MACA_UCUC	7/10/2002 - 9/18/2018	79	0	79	7.9	19.9	13.55	14	2.629	9.7	11.3	15	16.5
MACA_WQ	MACA_ERES	7/10/2002 - 9/18/2018	81	0	81	6.8	19.7	13.69	13.8	1.831	11.74	13.1	14.4	15.6
MACA_WQ	MACA_SHTH	11/10/2002 - 4/17/2018	10	0	10	12.1	15.4	13.79	13.65	1.336	12.12	12.3	15.3	15.39
MACA_WQ	MACA_PSPS	7/10/2002 - 9/18/2018	81	0	81	9.6	24.9	13.9	13.4	2.733	11.38	12.65	14.3	16.4
MACA_WQ	MACA_NSTH	10/10/2002 - 11/21/2017	10	0	10	12.2	16.5	13.97	14.15	1.243	12.22	12.85	14.45	16.31
MACA_WQ	MACA_BSBC	7/10/2002 - 9/18/2018	81	0	81	7.2	22.7	14.09	14.7	3.75	9.14	10.85	17.25	18.6
MACA_WQ	MACA_LRTH	7/10/2002 - 9/18/2018	50	2	48	9.8	18.1	14.58	14.3	1.978	11.97	13.13	16.35	17.13
MACA_WQ	MACA_THTH	10/10/2002 - 9/18/2018	53	1	52	9.6	22	14.6	14	3.066	10.8	11.85	16.95	18.54
MACA_WQ	MACA_HRTH	7/10/2002 - 9/18/2018	51	12	39	11.6	17.7	14.96	15.3	1.692	12.7	13.4	16.5	16.9
MACA_WQ	MACA_BIGR	7/10/2002 - 9/18/2018	82	1	81	4.9	25.7	15.62	16.2	6.637	6.76	9.4	21.85	24.64
MACA_WQ	MACA_OCTH	7/10/2002 - 8/16/2011	9	0	9	14.4	18.1	15.94	15.7	1.205	14.4	14.95	16.95	18.1
MACA_WQ	MACA_NNRN	7/10/2002 - 9/18/2018	81	0	81	3.8	30.1	16.04	15.8	7.517	6.44	8.35	21.75	27.38
MACA_WQ	MACA_GRGR	7/10/2002 - 9/18/2018	82	0	82	4.3	29.2	16.69	16.85	7.392	7.4	10.28	23.38	27.07



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: 10/16/2018 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	10/16/2018 - 9/17/2019	11	11	0									
MACA_WQ	MACA_SHTH	11/20/2018 - 4/16/2019	3	0	3	11.3	13.7	12.17	---	1.332	---	---	---	---
MACA_WQ	MACA_UCUC	10/16/2018 - 9/17/2019	11	1	10	8	15	12.66	13.7	2.528	8.1	10.88	14.68	14.99
MACA_WQ	MACA_PSPS	10/16/2018 - 9/17/2019	12	1	11	10.3	13.8	12.78	13.3	1.156	10.4	12.5	13.4	13.74
MACA_WQ	MACA_MSMS	10/16/2018 - 9/17/2019	12	1	11	10.3	15.8	12.93	13	1.641	10.48	11.2	13.5	15.66
MACA_WQ	MACA_LRTH	10/16/2018 - 9/17/2019	12	7	5	12.2	14.3	13.1	---	0.7583	---	---	---	---
MACA_WQ	MACA_BSBS	10/16/2018 - 9/17/2019	11	1	10	10.9	14.9	13.35	13.65	1.488	10.94	12.05	14.73	14.89
MACA_WQ	MACA_ERES	10/16/2018 - 9/17/2019	13	0	13	9.8	15.3	13.44	13.8	1.564	10.6	12.25	14.7	15.18
MACA_WQ	MACA_DFDF	10/16/2018 - 9/17/2019	11	1	10	9.7	15.9	13.46	14.1	2.242	9.76	11.65	15.58	15.89
MACA_WQ	MACA_BSBC	10/16/2018 - 9/17/2019	13	1	12	7.2	18.5	13.68	14.75	4.095	7.2	10.07	17.48	18.32
MACA_WQ	MACA_THTH	10/16/2018 - 9/17/2019	11	1	10	10.1	16.4	14.39	15.6	2.352	10.17	12.3	16.23	16.39
MACA_WQ	MACA_NRRR	10/16/2018 - 9/17/2019	11	1	10	7.4	23.8	15.98	16.25	5.686	7.57	10.9	21.65	23.72
MACA_WQ	MACA_BIGR	10/16/2018 - 9/17/2019	13	2	11	7.3	25.4	17.38	20.2	6.438	7.46	11.3	23.2	25.18
MACA_WQ	MACA_GRGR	10/16/2018 - 9/17/2019	13	1	12	7.5	26.9	18.75	21.2	6.965	7.92	12.13	25.58	26.51



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: 10/10/2004 - 9/17/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_BIGR	10/10/2004 - 9/17/2019	65	2		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_BSBC	10/10/2004 - 9/17/2019	65	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_BSBS	10/10/2004 - 9/17/2019	67	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_DFDF	10/10/2004 - 9/17/2019	62	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_ERES	10/10/2004 - 9/17/2019	65	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_GRGR	10/10/2004 - 9/17/2019	66	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_HRTH	10/10/2004 - 9/17/2019	54	4		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_LRTH	9/10/2005 - 9/17/2019	48	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_MSMS	10/10/2004 - 9/17/2019	65	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_NRNR	10/10/2004 - 9/17/2019	64	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_NSTH	9/20/2011 - 11/21/2017	9	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_PSPS	10/10/2004 - 9/17/2019	62	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_SHTH	12/20/2011 - 4/16/2019	10	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_THTH	10/10/2004 - 9/17/2019	48	0		Data Type Does Not Allow Descriptive Statistics								
MACA_WQ	MACA_UCUC	10/10/2004 - 9/17/2019	61	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: WKU NO3

Units: mg/l

Period of Record: 2/19/2019 - 4/16/2019

Project ID	Station ID	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
MACA_WQ	MACA_HRTH	2/19/2019 - 4/16/2019	3	3	0									
MACA_WQ	MACA_LRTH	2/19/2019 - 4/16/2019	3	3	0									
MACA_WQ	MACA_DFDF	2/19/2019 - 4/16/2019	3	0	3	1.05	1.69	1.327	---	0.3287	---	---	---	---
MACA_WQ	MACA_UCUC	2/19/2019 - 4/16/2019	3	0	3	1.12	2.98	1.883	---	0.9738	---	---	---	---
MACA_WQ	MACA_BSBS	2/19/2019 - 4/16/2019	3	0	3	1.66	2.72	2.23	---	0.5345	---	---	---	---
MACA_WQ	MACA_PSPS	2/19/2019 - 4/16/2019	4	0	4	1.92	2.74	2.518	---	0.3992	---	---	---	---
MACA_WQ	MACA_BSBC	2/19/2019 - 4/16/2019	4	2	2	2.51	2.59	2.55	---	0.0566	---	---	---	---
MACA_WQ	MACA_MSMS	2/19/2019 - 4/16/2019	4	1	3	2.44	2.79	2.563	---	0.1966	---	---	---	---
MACA_WQ	MACA_GRGR	2/19/2019 - 4/16/2019	3	0	3	3.83	5.73	4.95	---	0.9946	---	---	---	---
MACA_WQ	MACA_BIGR	2/19/2019 - 4/16/2019	3	0	3	4.41	5.3	4.967	---	0.4852	---	---	---	---
MACA_WQ	MACA_NRRR	2/19/2019 - 4/16/2019	3	0	3	2.87	7.35	5.35	---	2.278	---	---	---	---
MACA_WQ	MACA_ERES	2/19/2019 - 4/16/2019	3	0	3	3.91	8.61	6.007	---	2.391	---	---	---	---
MACA_WQ	MACA_THTH	2/19/2019 - 4/16/2019	3	0	3	4.81	7.82	6.62	---	1.595	---	---	---	---
MACA_WQ	MACA_SHTH	2/19/2019 - 4/16/2019	2	0	2	5.11	8.29	6.7	---	2.249	---	---	---	---



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		
Atrazine	Atrazine	Water		
Br	Bromide	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		
Fecal Lab	Fecal Coliform	Water		
Fl	Fluoride	Water		
Flow	Flow, stream stage (choice list)	Water		
GeneralComment	General Observation (text)	Other		
K	Potassium	Water		
Mg	Magnesium	Water		
Na	Sodium	Water		
NH4	Nitrogen, ammonium (NH4) as NH4	Water		
Nitrate as NO3 CUPN	Nitrogen, Nitrate (NO3) as NO3	Water		
NO2	Nitrogen, Nitrite (NO2) as NO2	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_HI991300	pH	Water		
pH_Oakton300_Series	pH	Water		



NPSTORET Ordered Characteristic Descriptive Statistics - Period of Record



Filtered Results, Grouped by Organization, Sorted by Mean

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
SPC_HI991300	Specific conductance	Water
SPC_Oakton300_Series	Specific conductance	Water
Sper_Sci_Turbidity_Meter_860040	Turbidity	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
WKU NO3	Nitrogen, Nitrate (NO3) as NO3	Water

Results filtered for:

Organization = CUPN: Cumberland Piedmont Network
Project = MACA_WQ: CUPN WQ Monitoring, MACA
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