



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0071

Station Name: Road Prong Above Barrier Cascade

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Ca_Group	µeq/L	5/20/2000 - 11/16/2013	70	0	70	44.77	162.7	72.91	68.89	18.29	58.68	62.89	76.76	93.31
Cloud_Cover		1/21/1995 - 9/15/2012	62	0	0	Data Type Does Not Allow Descriptive Statistics								
Field_Depth_Code	m	1/21/2012 - 9/15/2012	5	0	5	4	5	4.4	---	0.5477	---	---	---	---
Field_Wtemp_C	°C	1/21/2012 - 9/15/2012	5	0	5	7	15.6	11.18	---	3.63	---	---	---	---
IC_Anion_Sum	ppm	1/21/2012 - 9/15/2012	5	0	5	86.01	146.5	106.3	---	26.15	---	---	---	---
IC_Cation_Sum	ppm	1/21/2012 - 9/15/2012	5	0	5	108.7	272.5	148	---	69.74	---	---	---	---
K_Group	µeq/L	10/15/1993 - 11/16/2013	102	3	99	4.67	18.9	9.345	8.644	2.806	6.445	7.79	10.53	13.72
Lab Aluminum_ICP	mg/l	8/16/2003 - 11/16/2013	58	4	54	0.024	0.272	0.0751	0.07	0.0458	0.0307	0.0407	0.0875	0.1404
Lab ANC_Titrator	µeq/L	10/15/1993 - 11/16/2013	101	0	101	-1.29	159.3	30.96	25.95	21.19	12.25	18.78	40.8	51.73
Lab Calcium_AAS	µeq/L	5/20/2000 - 5/17/2003	12	0	12	57.55	93.65	68	65.72	9.747	57.88	61.88	73.04	87.83
Lab Calcium_ICP	µeq/L	8/16/2003 - 11/16/2013	58	0	58	44.77	162.7	73.93	69.6	19.51	58.91	63.25	78.78	96.72
Lab Chloride_IC	µeq/L	10/15/1993 - 11/16/2013	101	1	100	4.11	49.38	14.79	12.93	6.474	10.32	11.2	16.15	21.72
Lab Conductivity_Titrator	µS/cm	10/15/1993 - 11/16/2013	101	0	101	5.36	32	16.24	15.7	2.928	13.98	14.91	16.94	19.21
Lab Copper_ICP	mg/l	8/16/2003 - 11/16/2013	58	55	3	0.03	0.069	0.043	---	0.0225	---	---	---	---
Lab Iron_ICP	mg/l	8/16/2003 - 11/16/2013	58	20	38	0.012	0.395	0.0518	0.0296	0.0728	0.013	0.0188	0.0525	0.0998
Lab Magnesium_AAS	µeq/L	5/20/2000 - 5/17/2003	12	0	12	25.93	44.44	29.15	27.7	4.963	26.18	26.83	29.24	40.12
Lab Magnesium_ICP	µeq/L	8/16/2003 - 11/16/2013	58	0	58	16.36	74	31.01	28.2	9.621	24.56	26.28	31.24	45.55
Lab Manganese_ICP	mg/l	8/16/2003 - 11/16/2013	58	33	25	0.002	0.396	0.0851	0.0048	0.1439	0.002	0.003	0.1665	0.3412
Lab NH4_IC	µeq/L	10/15/1993 - 11/16/2013	101	70	31	0.429	5.78	1.896	1.494	1.506	0.5642	0.789	2.339	5.014
Lab Nitrate_IC	µeq/L	10/15/1993 - 11/16/2013	101	0	101	19.48	67.12	34.87	33.76	8.885	23.51	29.21	39.92	47.18
Lab pH_Titrator	None	10/15/1993 - 11/16/2013	101	0	101	5.139	7.07	6.198	6.246	0.2999	5.792	6.06	6.38	6.505
converted pH	None					5.139	7.07	6.077	6.246	0.8993	5.791	6.059	5.218	5.237
H+ computed from pH	µeq/l					0.0851	7.261	0.838	0.5679	0.8993	0.313	0.4169	0.873	1.617
Lab Potassium_IC	µeq/L	10/15/1993 - 5/17/2003	44	0	44	6.26	17.21	8.839	8.32	1.902	6.82	7.873	9.635	11.02
Lab Potassium_ICP	µeq/L	8/16/2003 - 11/16/2013	58	3	55	4.67	18.9	9.749	8.88	3.322	5.834	7.59	11.31	14.72
Lab Silicon_ICP	mg/l	8/16/2003 - 11/16/2013	58	0	58	0.414	2.36	1.982	2.078	0.3341	1.586	1.803	2.23	2.314
Lab Sodium_IC	µeq/L	10/15/1993 - 5/17/2003	44	0	44	19.84	63.89	29	28.39	7.114	21.72	24.61	32.06	33.88
Lab Sodium_ICP	µeq/L	8/16/2003 - 11/16/2013	58	0	58	20.16	34.06	26.69	26.26	3.675	21.69	24.39	29.44	32.57
Lab Sulfate_IC	µeq/L	10/15/1993 - 11/16/2013	101	0	101	22.38	159.5	48.61	45.28	15.93	40.28	42.77	49.22	57.9
Lab Zinc_ICP	mg/l	8/16/2003 - 11/16/2013	58	35	23	0.008	0.07	0.0247	0.02	0.018	0.009	0.01	0.035	0.0599
Lab_Hydrogen_From_pH	µeq/L	1/21/2006 - 11/16/2013	44	0	44	0.08	7.257	0.8287	0.5135	1.201	0.2228	0.3365	0.7017	1.799
Mg_Group	µeq/L	5/20/2000 - 11/16/2013	70	0	70	16.36	74	30.69	28.17	8.994	24.82	26.67	30.77	44.38



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0071

Station Name: Road Prong Above Barrier Cascade

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Na_Group	µeq/L	10/15/1993 - 11/16/2013	102	0	102	19.84	63.89	27.69	26.96	5.521	21.81	24.42	30.62	32.89
pH_Group	None	10/15/1993 - 11/16/2013	101	0	101	5.139	7.07	6.198	6.246	0.2999	5.792	6.06	6.38	6.505
converted pH	None					5.139	7.07	6.077	6.246	0.8993	5.791	6.059	5.218	5.237
H+ computed from pH	µeq/l					0.0851	7.261	0.838	0.5679	0.8993	0.313	0.4169	0.873	1.617
Precipitation_Code		12/10/1994 - 9/15/2012	54	5		Data Type Does Not Allow Descriptive Statistics								
Specificconductance_Group	µS/cm	10/15/1993 - 11/16/2013	101	0	101	5.36	32	16.24	15.7	2.928	13.98	14.91	16.94	19.21
Total_Ionic_Strength	ppm	1/21/2012 - 9/15/2012	5	0	5	209.8	522.6	296.4	---	129.1	---	---	---	---



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0107

Station Name: Indian Camp Below Albright Grove

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Ca_Group	µeq/L	5/15/2000 - 3/19/2011	16	0	16	11	79.35	65.55	68.25	15.22	46.49	65.26	71.47	76.9
Cloud_Cover		10/26/1993 - 3/14/1998	13	0	0	Data Type Does Not Allow Descriptive Statistics								
K_Group	µeq/L	10/26/1993 - 3/19/2011	63	0	63	6.53	71.76	12.94	11.24	8.292	9.062	10.16	13.22	15.18
Lab Aluminum_ICP	mg/l	8/15/2003 - 3/19/2011	3	0	3	0.05	0.064	0.0593	---	0.0081	---	---	---	---
Lab ANC_Titrator	µeq/L	10/26/1993 - 3/19/2011	63	0	63	4.34	69.6	20.19	18.42	10.1	10.92	14.43	23.33	28.34
Lab Calcium_AAS	µeq/L	5/15/2000 - 5/19/2003	13	0	13	11	79.35	64.52	67.7	16.81	31.28	64.12	71.58	77.95
Lab Calcium_ICP	µeq/L	8/15/2003 - 3/19/2011	3	0	3	67.47	71.69	69.99	---	2.226	---	---	---	---
Lab Chloride_IC	µeq/L	10/26/1993 - 3/19/2011	63	0	63	8.74	40.54	14.63	11.92	6.292	9.962	11.07	15.67	23.68
Lab Conductivity_Titrator	µS/cm	10/26/1993 - 3/19/2011	62	0	62	7.99	22	16.21	16.06	2.063	14.32	14.96	17.26	18.57
Lab Copper_ICP	mg/l	8/15/2003 - 3/19/2011	3	1	2	0.016	0.019	0.0175	---	0.0021	---	---	---	---
Lab Iron_ICP	mg/l	8/15/2003 - 3/19/2011	3	1	2	0.02	0.038	0.029	---	0.0127	---	---	---	---
Lab Magnesium_AAS	µeq/L	5/15/2000 - 5/19/2003	13	0	13	14.57	21.98	19.48	19.59	1.864	16.05	18.76	20.82	21.85
Lab Magnesium_ICP	µeq/L	8/15/2003 - 3/19/2011	3	0	3	20.03	21.73	20.86	---	0.851	---	---	---	---
Lab Manganese_ICP	mg/l	8/15/2003 - 3/19/2011	3	3										
Lab NH4_IC	µeq/L	10/26/1993 - 3/19/2011	63	56	7	1.14	6.39	3.4	---	2.049	---	---	---	---
Lab Nitrate_IC	µeq/L	10/26/1993 - 3/19/2011	63	0	63	8.56	63.93	34.58	34.06	8.702	26.19	28.49	40.71	44.89
Lab pH_Titrator	None	10/26/1993 - 3/19/2011	63	0	63	5.58	6.41	6.047	6.07	0.1722	5.814	5.94	6.16	6.266
converted pH	None					5.58	6.41	6.012	6.07	0.4147	5.814	5.94	5.226	5.236
H+ computed from pH	µeq/l					0.389	2.63	0.9718	0.8511	0.4147	0.542	0.6918	1.148	1.535
Lab Potassium_IC	µeq/L	10/26/1993 - 5/19/2003	60	0	60	6.53	25.48	12.04	11.28	3.544	8.993	10.17	13.1	15.12
Lab Potassium_ICP	µeq/L	8/15/2003 - 3/19/2011	3	0	3	9.7	71.76	30.86	---	35.43	---	---	---	---
Lab Silicon_ICP	mg/l	8/15/2003 - 3/19/2011	3	0	3	1.298	2.165	1.811	---	0.4548	---	---	---	---
Lab Sodium_IC	µeq/L	10/26/1993 - 5/19/2003	60	0	60	15.73	49.11	28.91	27.66	5.913	22.46	25.01	32.04	36.64
Lab Sodium_ICP	µeq/L	8/15/2003 - 3/19/2011	3	0	3	22.76	33.06	29.13	---	5.567	---	---	---	---
Lab Sulfate_IC	µeq/L	10/26/1993 - 3/19/2011	63	0	63	27.88	60.01	51.61	52.8	4.676	46.3	49.03	54.37	55.56
Lab Zinc_ICP	mg/l	8/15/2003 - 3/19/2011	3	1	2	0.028	0.037	0.0325	---	0.0064	---	---	---	---
Lab_Hydrogen_From_pH	µeq/L	3/19/2011 - 3/19/2011	1	0	1	0.84	0.84	0.84	---	...	---	---	---	---
Mg_Group	µeq/L	5/15/2000 - 3/19/2011	16	0	16	14.57	21.98	19.74	19.76	1.784	17.16	19.05	21	21.8
Na_Group	µeq/L	10/26/1993 - 3/19/2011	63	0	63	15.73	49.11	28.92	27.75	5.854	22.55	24.96	32.17	36.49
pH_Group	None	10/26/1993 - 3/19/2011	63	0	63	5.58	6.41	6.047	6.07	0.1722	5.814	5.94	6.16	6.266
converted pH	None					5.58	6.41	6.012	6.07	0.4147	5.814	5.94	5.226	5.236
H+ computed from pH	µeq/l					0.389	2.63	0.9718	0.8511	0.4147	0.542	0.6918	1.148	1.535



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0107

Station Name: Indian Camp Below Albright Grove

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Precipitation_Code		5/23/1995 - 8/16/2002	12	0		Data Type Does Not Allow Descriptive Statistics								
Specificconductance_Group	µS/cm	10/26/1993 - 3/19/2011	62	0	62	7.99	22	16.21	16.06	2.063	14.32	14.96	17.26	18.57



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0114

Station Name: Cosby Creek at log Bridge

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Ca_Group	µeq/L	5/15/2000 - 11/16/2013	73	1	72	41.95	140.8	67.44	66.44	11.7	58.72	63.28	70.02	76.96
Cloud_Cover		2/26/1994 - 11/17/2012	40	0	0	Data Type Does Not Allow Descriptive Statistics								
Field_Depth_Code	m	1/22/2012 - 11/17/2012	6	0	6	2	4	3	---	0.6325	---	---	---	---
Field_Wtemp_C	°C	1/22/2012 - 11/17/2012	6	0	6	5.6	16.1	10.85	---	4.644	---	---	---	---
IC_Anion_Sum	ppm	1/22/2012 - 11/17/2012	6	0	6	90.6	116.2	106.4	---	8.797	---	---	---	---
IC_Cation_Sum	ppm	1/22/2012 - 11/17/2012	6	0	6	120.7	142.7	135.6	---	8.229	---	---	---	---
K_Group	µeq/L	10/15/1993 - 11/16/2013	95	2	93	4.68	28.35	9.831	9.224	3.256	7.044	7.958	10.47	13.13
Lab Aluminum_ICP	mg/l	8/15/2003 - 11/16/2013	61	30	31	0.0218	0.2	0.0613	0.048	0.0455	0.025	0.0282	0.072	0.1534
Lab ANC_Titrator	µeq/L	10/15/1993 - 11/16/2013	93	0	93	-1.84	102.3	33.74	33.78	14.18	18.92	23.69	42.04	49.04
Lab Calcium_AAS	µeq/L	5/15/2000 - 5/19/2003	12	0	12	41.95	96.9	65.61	64.15	12.89	46.39	60.71	67.11	91.23
Lab Calcium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	1	60	46.91	140.8	67.81	66.92	11.53	59.08	63.34	70.38	75
Lab Chloride_IC	µeq/L	10/15/1993 - 11/16/2013	94	0	94	3.95	53.33	15.02	12.84	7.657	10.37	11.4	15.46	23.03
Lab Conductivity_Titrator	µS/cm	10/15/1993 - 11/16/2013	93	1	92	0.83	30.82	17.16	16.94	2.987	15.12	15.98	17.98	20.69
Lab Copper_ICP	mg/l	8/15/2003 - 11/16/2013	61	54	7	0.015	0.104	0.0446	---	0.0309	---	---	---	---
Lab Iron_ICP	mg/l	8/15/2003 - 11/16/2013	61	33	28	0.013	0.067	0.0293	0.0205	0.0176	0.013	0.0163	0.0388	0.0633
Lab Magnesium_AAS	µeq/L	5/15/2000 - 5/19/2003	12	0	12	29.63	36.05	33.68	33.9	1.838	30.25	32.43	35.18	35.97
Lab Magnesium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	0	61	20.49	47.97	35.23	35.24	4.181	31.57	33.4	36.81	40.71
Lab Manganese_ICP	mg/l	8/15/2003 - 11/16/2013	61	47	14	0.002	0.482	0.1862	0.018	0.217	0.002	0.0025	0.4308	0.4625
Lab NH4_IC	µeq/L	10/15/1993 - 11/16/2013	95	71	24	0.5322	11.61	2.809	2.088	2.711	0.5928	0.7663	3.6	6.681
Lab Nitrate_IC	µeq/L	10/15/1993 - 11/16/2013	94	0	94	17.52	70.32	41.88	40.42	10.28	30.74	34.7	47.12	56
Lab pH_Titrator	None	10/15/1993 - 11/16/2013	93	0	93	5.49	6.7	6.304	6.36	0.2201	5.978	6.196	6.447	6.542
converted pH	None					5.49	6.7	6.236	6.36	0.4387	5.978	6.196	5.208	5.223
H+ computed from pH	µeq/l					0.1995	3.236	0.5805	0.4365	0.4387	0.2869	0.3573	0.6361	1.052
Lab Potassium_IC	µeq/L	10/15/1993 - 5/19/2003	34	0	34	4.68	28.35	9.711	8.73	4.105	6.7	7.735	10.42	11.66
Lab Potassium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	2	59	4.992	18.81	9.899	9.305	2.686	7.23	8.12	10.57	13.87
Lab Silicon_ICP	mg/l	8/15/2003 - 11/16/2013	61	0	61	1.43	2.717	2.254	2.252	0.266	1.971	2.096	2.482	2.55
Lab Sodium_IC	µeq/L	10/15/1993 - 5/19/2003	34	0	34	19.95	45.34	35.8	36.44	5.222	30.92	32.62	38.84	42.48
Lab Sodium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	0	61	13.99	42.82	32.69	32.26	4.542	27.95	30.25	35.4	38.94
Lab Sulfate_IC	µeq/L	10/15/1993 - 11/16/2013	94	0	94	26.4	65.66	46.6	46.75	5.721	41.89	44.04	49.6	52.85
Lab Zinc_ICP	mg/l	8/15/2003 - 11/16/2013	61	35	26	0.0097	0.0732	0.0266	0.021	0.0173	0.01	0.0135	0.0332	0.0563
Lab_Hydrogen_From_pH	µeq/L	1/21/2006 - 11/16/2013	48	0	48	0.24	2.18	0.5225	0.39	0.3974	0.2842	0.3412	0.533	0.8316
Mg_Group	µeq/L	5/15/2000 - 11/16/2013	73	0	73	20.49	47.97	34.97	34.72	3.926	31.56	33.4	36.26	39.67



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0114

Station Name: Cosby Creek at log Bridge

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Na_Group	µeq/L	10/15/1993 - 11/16/2013	95	0	95	13.99	45.34	33.8	33.29	4.998	28.36	31.13	37.52	39.76
pH_Group	None	10/15/1993 - 11/16/2013	93	0	93	5.49	6.7	6.304	6.36	0.2201	5.978	6.196	6.447	6.542
converted pH	None					5.49	6.7	6.236	6.36	0.4387	5.978	6.196	5.208	5.223
H+ computed from pH	µeq/l					0.1995	3.236	0.5805	0.4365	0.4387	0.2869	0.3573	0.6361	1.052
Precipitation_Code		10/14/1995 - 11/17/2012	31	6		Data Type Does Not Allow Descriptive Statistics								
Specificconductance_Group	µS/cm	10/15/1993 - 11/16/2013	93	1	92	0.83	30.82	17.16	16.94	2.987	15.12	15.98	17.98	20.69
Total_Ionic_Strength	ppm	1/22/2012 - 11/17/2012	6	0	6	213.6	290.4	263.2	---	26.39	---	---	---	---



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0137

Station Name: Upper Rock Creek (Cosby Creek)

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Ca_Group	µeq/L	5/15/2000 - 11/16/2013	74	1	73	26.95	75.73	54.84	54.1	8.129	46.66	49.17	60.11	64.16
Cloud_Cover		10/24/1993 - 11/17/2012	48	0	0	Data Type Does Not Allow Descriptive Statistics								
Field_Depth_Code	m	1/22/2012 - 11/17/2012	6	0	6	2	3	2.667	---	0.5164	---	---	---	---
Field_Wtemp_C	°C	1/22/2012 - 11/17/2012	6	0	6	5	16.1	11.22	---	4.574	---	---	---	---
IC_Anion_Sum	ppm	1/22/2012 - 11/17/2012	6	0	6	99.35	113.1	103.6	---	5.339	---	---	---	---
IC_Cation_Sum	ppm	1/22/2012 - 11/17/2012	6	0	6	83.4	147.7	115.4	---	20.81	---	---	---	---
K_Group	µeq/L	10/24/1993 - 11/16/2013	108	3	105	3.04	19.44	9.388	8.789	3.315	5.637	7.115	11.54	14.05
Lab Aluminum_ICP	mg/l	8/15/2003 - 11/16/2013	61	3	58	0.021	0.327	0.0758	0.052	0.0647	0.0298	0.0417	0.0805	0.1624
Lab ANC_Titrator	µeq/L	10/24/1993 - 11/16/2013	108	0	108	-11.74	47.94	10.78	9.5	8.208	1.088	5.348	14.46	21.59
Lab Calcium_AAS	µeq/L	5/15/2000 - 5/20/2003	13	0	13	26.95	72.55	51.59	53.05	10.97	31.93	46.62	57.35	68.39
Lab Calcium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	1	60	40.45	75.73	55.54	54.66	7.303	47	49.32	60.66	64.26
Lab Chloride_IC	µeq/L	10/24/1993 - 11/16/2013	108	0	108	2.42	60.52	14.15	12.58	7.015	9.784	10.67	15.06	19.87
Lab Conductivity_Titrator	µS/cm	10/24/1993 - 11/16/2013	108	1	107	10	20.3	14.93	14.85	1.739	12.76	13.89	15.93	17.22
Lab Copper_ICP	mg/l	8/15/2003 - 11/16/2013	61	57	4	0.014	0.046	0.0269	---	0.0155	---	---	---	---
Lab Iron_ICP	mg/l	8/15/2003 - 11/16/2013	61	28	33	0.0127	0.5746	0.0534	0.029	0.0974	0.0139	0.0158	0.0535	0.0843
Lab Magnesium_AAS	µeq/L	5/15/2000 - 5/20/2003	13	0	13	16.13	29.3	24.38	24.94	3.956	16.72	22.6	27.53	28.81
Lab Magnesium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	0	61	17.59	39.04	26.58	26.21	3.547	22.63	24.45	28.45	31.52
Lab Manganese_ICP	mg/l	8/15/2003 - 11/16/2013	61	34	27	0.002	0.376	0.073	0.005	0.1261	0.0021	0.003	0.031	0.3056
Lab NH4_IC	µeq/L	10/24/1993 - 11/16/2013	108	80	28	0.3859	5.46	1.263	1.018	1.027	0.4178	0.6235	1.458	2.234
Lab Nitrate_IC	µeq/L	10/24/1993 - 11/16/2013	107	0	107	10.97	72.17	36.56	34.19	12.22	24.43	27.93	42.93	55.78
Lab pH_Titrator	None	10/24/1993 - 11/16/2013	108	0	108	4.91	6.56	5.859	5.9	0.2391	5.547	5.75	5.993	6.111
converted pH	None					4.91	6.56	5.783	5.901	1.38	5.547	5.75	5.24	5.256
H+ computed from pH	µeq/l					0.2754	12.3	1.65	1.257	1.38	0.7745	1.016	1.778	2.839
Lab Potassium_IC	µeq/L	10/24/1993 - 5/20/2003	47	0	47	3.04	19.44	9.128	8.35	3.529	5.242	6.37	11.58	13.71
Lab Potassium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	3	58	4.82	18.99	9.598	9.03	3.147	6.034	7.439	11.42	14.24
Lab Silicon_ICP	mg/l	8/15/2003 - 11/16/2013	61	0	61	1.14	2.617	2.15	2.185	0.2579	1.826	2.055	2.292	2.425
Lab Sodium_IC	µeq/L	10/24/1993 - 5/20/2003	47	0	47	17.73	47.8	31.91	30.41	5.489	26.5	28.47	35.5	39.07
Lab Sodium_ICP	µeq/L	8/15/2003 - 11/16/2013	61	0	61	10.16	37.86	28.46	28.75	4.397	23.6	26.72	30.81	33.08
Lab Sulfate_IC	µeq/L	10/24/1993 - 11/16/2013	108	0	108	30.18	83	50.11	49.35	7.234	42.64	45.85	53.8	56.3
Lab Zinc_ICP	mg/l	8/15/2003 - 11/16/2013	61	36	25	0.008	0.094	0.0254	0.018	0.0226	0.0086	0.01	0.027	0.0694
Lab_Hydrogen_From_pH	µeq/L	1/21/2006 - 11/16/2013	48	0	48	0.28	12.26	1.786	1.23	1.811	0.8779	1.016	1.857	3.347
Mg_Group	µeq/L	5/15/2000 - 11/16/2013	74	0	74	16.13	39.04	26.19	25.7	3.69	22.11	24.22	28.08	31.06



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Station ID: GRSM_F_0137

Station Name: Upper Rock Creek (Cosby Creek)

Local Name	Units	Period of Record	Count	Cens.	Incl.	Min.	Max.	Mean	Median	Std Dev	10th per.	25th per.	75th per.	90th per.
Na_Group	µeq/L	10/24/1993 - 11/16/2013	108	0	108	10.16	47.8	29.96	29.37	5.173	25.24	27.31	32.53	37
pH_Group	None	10/24/1993 - 11/16/2013	108	0	108	4.91	6.56	5.859	5.9	0.2391	5.547	5.75	5.993	6.111
converted pH	None					4.91	6.56	5.783	5.901	1.38	5.547	5.75	5.24	5.256
H+ computed from pH	µeq/l					0.2754	12.3	1.65	1.257	1.38	0.7745	1.016	1.778	2.839
Precipitation_Code		5/12/1995 - 11/17/2012	34	6		Data Type Does Not Allow Descriptive Statistics								
Specificconductance_Group	µS/cm	10/24/1993 - 11/16/2013	108	1	107	10	20.3	14.93	14.85	1.739	12.76	13.89	15.93	17.22
Total_Ionic_Strength	ppm	1/22/2012 - 11/17/2012	6	0	6	196.2	275.4	233.1	---	26.58	---	---	---	---



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

Reported Local Characteristics				
Local Name	STORET Name	Medium	Subject Taxon	Bio Part
Cloud_Cover	Weather Comments (text)	Air		
Field_Depth_Code	Depth	Habitat		
Field_Wtemp_C	Temperature, water	Water		
IC_Anion_Sum	Anions, Sum of	Water		
IC_Cation_Sum	Cations, Sum of	Water		
Lab Aluminum_ICP	Aluminum	Water		
Lab ANC_Titrator	Acid Neutralizing Capacity (ANC)	Water		
Lab Calcium_AAS	Calcium	Water		
Lab Calcium_ICP	Calcium	Water		
Lab Chloride_IC	Chloride	Water		
Lab Conductivity_Titrator	Specific conductance	Water		
Lab Copper_ICP	Copper	Water		
Lab Iron_ICP	Iron	Water		
Lab Magnesium_AAS	Magnesium	Water		
Lab Magnesium_ICP	Magnesium	Water		
Lab Manganese_ICP	Manganese	Water		
Lab NH4_IC	Nitrogen, ammonium (NH4) as NH4	Water		
Lab Nitrate_IC	Nitrogen, Nitrate (NO3) as NO3	Water		
Lab pH_Titrator	pH	Water		
Lab Potassium_IC	Potassium	Water		
Lab Potassium_ICP	Potassium	Water		
Lab Silicon_ICP	Silicon as SiO2	Water		
Lab Sodium_IC	Sodium	Water		
Lab Sodium_ICP	Sodium	Water		
Lab Sulfate_IC	Sulfur, sulfate (SO4) as SO4	Water		
Lab Zinc_ICP	Zinc	Water		
Lab_Hydrogen_From_pH	Acidity, Hydrogen ion (H+)	Water		
Precipitation_Code	Precipitation 48hr prior to monitoring event (choice list)	Air		
Total_Ionic_Strength	Ionic Strength	Water		

Results filtered for:

Organization = GRSM: Great Smoky Mountains National Park

Project = GRSM_WQ: GRSM Parkwide Water Quality Survey

Station = GRSM_F_0071: Road Prong Above Barrier Cascade

Tuesday, April 07, 2015

Percentiles Calculated Using NIST Method

Page 9 of 10



NPSTORET Descriptive Statistics - Period of Record



Filtered Results, Grouped by Station

GRSM_F_0107: Indian Camp Below Albright Grove
GRSM_F_0114: Cosby Creek at log Bridge
GRSM_F_0137: Upper Rock Creek (Cosby Creek)

Missing Statistic Codes:

- Computation requires 9 observations
- ... Computation requires more than 1 observation