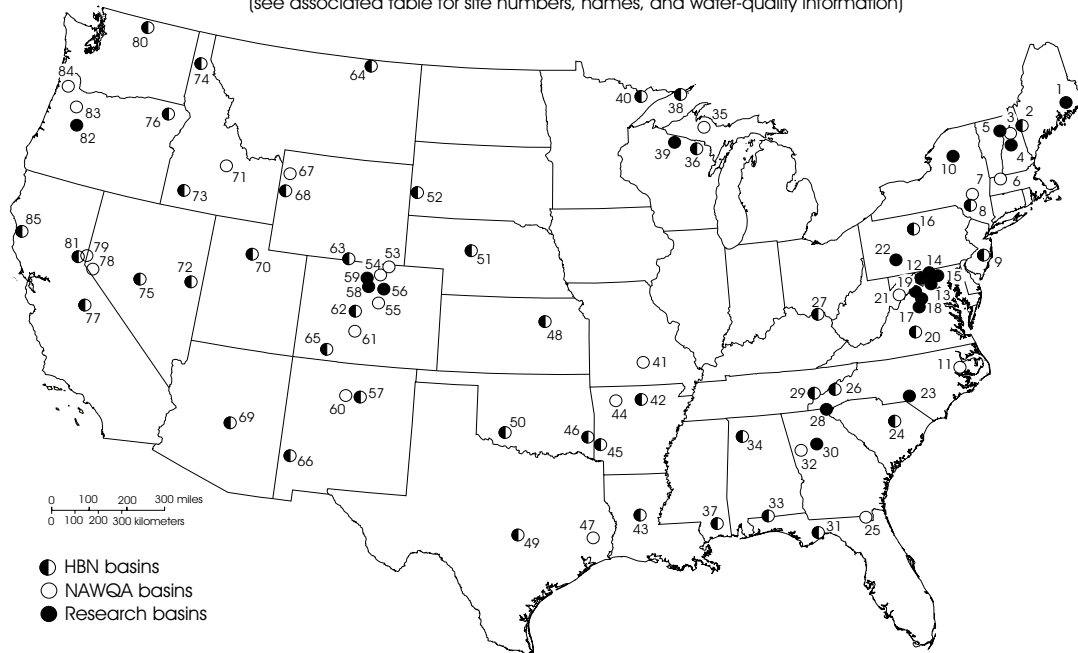


Locations and site numbers of relatively undisturbed watersheds used for analysis of flow-weighted nutrient concentrations and mean annual yields. (see associated table for site numbers, names, and water-quality information)



Data supporting the JAWRA article "Nutrient concentrations and yields in undeveloped stream basins of the United States," by Clark and others, 2000 [in press]. Specific methods of computations are noted in that article. HBN, hydrologic benchmark network; ---, station ID not listed for research stations; Blank fields, insufficient data to compute mean-annual concentration of constituent; <, less than the method reporting limit (MRL) or for total phosphorus, the new (October 1, 1998) long-term method detection limit (LT-MDL). Because mean flow-weighted concentrations are estimates from the mean annual discharge and the mean annual load, some constituents may have calculated concentrations less than the MRL or LT-MDL. A value flagged with "e" indicates a lower level of confidence in the reported concentration.

Map number	Station Name	Station ID	Station type	Mean Annual Runoff (cm)	Mean Annual Flow-Weighted Concentration (milligrams per liter)				
					NH4-N	NO3+NO2-N	Total N	PO4-P	Total P
1	East Bear Brook, ME	---	research	92.7		0.135			
2	Wild River, ME	01054200	HBN	83.5	0.015e	0.029e	0.12e	0.007e	<0.030
3	Ammonoosuc R., NH	01137500	nawqa	61.4	0.020	0.130	<0.20	<0.010	<0.030
4	Hubbard Brook, NH	---	research	102		0.155			
5	Sleepers R., VT	---	research	62.1		0.235			
6	Green R., CT	01170100	nawqa	54.2	0.020	0.130	<0.20	<0.010	<0.030
7	Esopus Creek, NY	01362200	nawqa	67.4	0.020	0.250	0.35	0.010	0.037e
8	Biscuit Brook, NY	01434025	HBN, research	83.9	0.024	0.456	0.46	0.003e	<0.030
9	MacDonalds Branch, NJ	01466500	HBN	21.5	0.023	0.025e	0.19e	0.006e	<0.030
10	Woods Lake,	---	research	91.5		0.554			
11	Van Swamp, NC	02084557	nawqa	32.6	0.100		2.57	0.018	0.032e
12	Bear Branch, MD	---	research	57.7		0.464			
13	Fishing Creek Trib., MD	---	research	48.2		0.179			
14	Hunting Creek, MD	---	research	49.6		0.726			
15	Hauver Branch, MD	---	research	58.4		0.560			
16	Young Womans Creek, PA	01545600	HBN	60.1	0.017e	0.335	0.50	0.005e	<0.030
17	Old Rag Mountain, VA	---	research	28.2		0.100			
18	Mill Run, VA	---	research	44.8		0.050			
19	Shelter Run, VA	---	research	56.1		0.019e			

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Map number	Station Name	Station ID	Station type	Mean Annual Runoff (cm)	Mean Annual Flow-Weighted Concentration (milligrams per liter)				
					NH4-N	NO3+NO2-N	Total N	PO4-P	Total P
20	Holiday Creek, VA	02038850	HBN	37.2	0.023	0.036e	0.21	0.008e	0.031e
21	S. Fork Potomac R., WV	01608000	nawqa	33.8	0.020	0.770	1.11	<0.010	0.037e
22	N. Fork Bens Creek, PA	---	research	72.2		0.534			
23	Jordan Creek, NC	---	research	21.1		0.021e			
24	Scape Ore Swamp, SC	02135300	HBN	43.8	0.035	0.068	0.61	0.007e	<0.030
25	Middle St. Marys R., FL	02229000	nawqa	26.4	0.030	0.02e	1.05	0.015	<0.030
26	Cataloochee Creek, NC	03460000	HBN	90.5	0.035	0.231	0.38	0.012	<0.030
27	Upper Twin Creek, OH	03237280	HBN	34.4	0.018e	0.312	0.42	0.007e	<0.030
28	Coweeta, NC	---	research	120		0.013e			
29	Little R, TN	03497300	HBN	103	0.010e	0.173	0.16e	0.008e	<0.030
30	Panola Mountain, GA	---	research	45.7		0.016e			
31	Sopchoppy R., FL	02327100	HBN	75.4	0.044	0.026e	0.74	0.012	<0.030
32	Snake Creek., GA	02337500	nawqa	46.9	0.030	0.170	0.43	0.010	0.093
33	Blackwater R., AL	02369800	HBN	63.3	0.026	0.099	0.37	0.010	<0.030
34	Sipsey Fork, AL	02450250	HBN	63.8	0.014e	0.050	0.19e	0.010	<0.030
35	Peshekee R., MI	04062085	nawqa	66.4	0.030	0.090	0.49	<0.010	<0.030
36	Popple R., WI	04063700	HBN, nawqa	28.7	0.058	0.091	0.70	0.007e	<0.030
37	Cypress Creek, MS	02479155	HBN	69.6	0.037	0.075	0.52	0.004e	<0.030
38	Washington Creek, MI	04001000	HBN	35.9	0.046	0.058	0.58	0.005e	<0.030
39	Trout Lake, WI	---	research	47.2		0.007e			
40	Kawishiwi R., MN	05124480	HBN	22.7	0.039	0.079	0.61	0.008e	<0.030
41	Paddy Creek., MO	06929315	nawqa	31.6	0.020	0.04e	<0.20	<0.010	0.042e
42	N. Sylamore Creek, AR	07060710	HBN, nawqa	29.8	0.019e	0.100	0.23	0.004e	<0.030
43	Big Crk, LA	07373000	HBN	51.5	0.022	0.075	0.87	0.007e	0.054
44	Buffalo R., AR	07056000	nawqa	55.0	0.020	<0.050	<0.20	<0.010	<0.030
45	Cossatot R., AR	07340300	HBN	88.1	0.013e	<0.050	0.11e	0.003e	<0.030
46	Kiamichi R., OK	07335700	HBN	93.1	0.014e			0.005e	
47	Menard Creek, TX	08066295	nawqa	55.1	0.020	0.050	0.44	0.004e	0.062
48	Kings Creek, KS	06879650	HBN	28.5	0.015e	0.085	0.18e	0.007e	0.032e
49	S. Fork Rocky Creek, TX	08103900	HBN	15.0	0.015e	0.223	0.72	0.007e	0.031e
50	Blue Beaver Creek, OK	07311200	HBN	24.3	0.013e			0.020	
51	Dismal R., NE	06775900	HBN, nawqa	7.5	0.016e	0.491	0.72	0.131	0.198
52	Castle Creek, SD	06409000	HBN	5.6	0.020	0.144	0.25	0.006e	0.034e
53	Lonetree Creek, CO	06753400	nawqa	0.1	0.030	0.210	0.47	<0.010	<0.030
54	Cache la Poudre R., CO	06752000	nawqa	10.6	0.020	0.070	0.28	<0.010	<0.030
55	Clear Creek., CO	06719505	nawqa	20.1	0.030	0.160	0.27	<0.010	0.081
56	Green Lakes Valley, CO	---	research	72.6		0.126			
57	Rio Mora, NM	08377900	HBN	31.0	0.026	0.036e	0.17e	0.005e	<0.030
58	Icy Brook, CO	---	research	75.5		0.289			
59	Andrews Creek, CO	---	research	94.2		0.326			

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Map number	Station Name	Station ID	Station type	Mean Annual Runoff (cm)	Mean Annual Flow-Weighted Concentration (milligrams per liter)				
					NH4-N	NO3+NO2-N	Total N	PO4-P	Total P
60	Rito de los Frijoles, NM	08313350	nawqa	3.4	0.020	<0.050	<0.20	0.031	0.042
61	Saguache Creek, CO	08227000	nawqa	4.3	0.020	<0.050	0.44	0.074	0.119
62	Halfmoon Creek, CO	07083000	HBN	36.4	0.016e	0.127	0.24	0.008e	<0.030
63	Encampment Creek, WY	06623800	HBN	46.2	0.019e	0.023e	0.18e	0.008e	<0.030
64	Rock Creek, MT	06169500	HBN	1.1	0.037	0.093	1.13	0.110	0.198
65	Vallecito Creek, CO	09352900	HBN	59.5	0.015e	0.119	0.22	0.007e	<0.030
66	Mogollan Creek, NM	09430600	HBN	21.8	0.023	0.022e	0.16e	0.017	<0.030
67	Snake R., WY	13010065	nawqa	53.8	0.020	0.080	0.24	<0.010	0.052
68	Cache Creek, WY	13018300	HBN	31.5	0.024	0.112	0.27	0.013	0.036e
69	Wet Bottom Creek, AZ	09508300	HBN	23.6	0.026	0.04e	0.25	0.005e	0.030e
70	Red Butte Creek, UT	10172200	HBN	13.5	0.013e	0.049e	0.17e	0.031	0.084
71	Big Lost R., ID	13120500	nawqa	25.2	0.020	0.050	<0.20	<0.010	0.042e
72	Steptoe Creek, NV	10244950	HBN	9.9	0.015e	0.147	<0.20	<0.010	<0.030
73	Big Jacks Creek, ID	13169500	HBN	0.4	0.030	0.264	0.58	0.108	0.149
74	Hayden Creek, ID	12416000	HBN	31.2	0.018e	0.235	0.20	<0.010	<0.030
75	South Twin Creek, NV	10249300	HBN	6.0	0.020	<0.050	<0.20	<0.010	<0.030
76	Minam R., OR	13331500	HBN	54.7	0.015e	0.031e	<0.20	0.011	<0.030
77	Merced R., CA	11264500	HBN	60.9	0.025	0.037e	0.21	0.009e	<0.030
78	E. Fork Carson R., NV	10309010	nawqa	41.4	0.01e	<0.050	<0.20	0.023	0.060
79	Truckee R., CA	10346000	nawqa	25.1	0.020	0.01e	<0.20	<0.010	<0.030
80	Andrews Creek, WA	12447390	HBN	39.4	0.014e	0.029e	0.40	0.009e	<0.030
81	Sagehen Creek, CA	10343500	HBN	21.3	0.009e	0.02e	0.17e	0.005e	<0.030
82	HJ Andrews Creek, OR	---	research	101		0.001e			
83	Little Abiqua Creek, OR	14200400	nawqa	108	0.020	0.540	0.54	0.010	<0.030
84	Gales Creek, OR	14203750	nawqa	163	0.020	0.270	0.49	0.014	0.050
85	Elder Creek, CA	11475560	HBN	47.5	0.012e	0.03e	0.10e	0.017	<0.030