Table 3. Basin characteristics used in the regression analyses

[Map numbers identify gaging station locations on figures 2-10]

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12009500	1	1	11.7	58	8.5	545	0	96	87	4	30
12010000	1	2	54.8	42	20.5	910	0	77	109	4	30
12010500	1	3	16.4	43	15.5	480	0	93	99	4	31
12010600	1	4	2.15	435	3.7	750	0	90	110	4	31
12010700	1	5	17.9	28	5.8	385	0	99	92	4	30
12010800	1	6	1.99	564	2.3	555	0	100	105	4.5	30
12011000	1	7	18	52	8.0	689	0	97	110	4	33
12011100	1	8	46	107	1.11	250	0	95	120	4	33
12011200	1	9	9.43	101	7.5	740	0	97	100	4	30
12011500	1	10	41.4	95	11.6	754	0	79	84	4	30
12012000	1	11	20.4	113	9.3	111	0	92	100	4	30
12012200	1	12	1.79	117	2.5	340	0	85	79	4	30
12013500	1	13	130	16	27.3	641	0	84	87	4	30
12014500	1	14	27.8	45	12.4	585	0	88	100	4	30
12015100	1	15	3.98	206	3.1	665	0	100	90	3.5	30
12015500	1	16	29.8	38	10.1	660	0	99	72	4	30
12016700	1	17	2.05	213	2.0	460	0	95	102	4	31
12017000	1	18	219	5	57.5	250	0	93	84	3.5	30
12019600	1	19	1.98	85	2.65	680	0	95	76	4	32
12020000	1	20	113	44	26	1,000	0	90	91	4	32
12020500	1	21	46.7	17	13.4	810	0	95	80	4	30
12020900	1	22	44.9	31	20.5	925	0	88	80	3	30
12021000	1	23	48	29	2.37	830	0	82	80	3.5	32
12024000	1	24	42.4	118	14.9	1,280	0.02	91	69	3	29
12025000	1	25	155	35	33.6	900	.01	90	57	3	30
12025300	1	26	12.6	32	7.6	430	0	90	45	2.5	30
12025700	1	27	40	123	11.2	1,620	0	95	65	3	30
12026000	1	28	61.7	90	18.1	1,700	0	89	68	3	29
12026300	1	29	.58	217	1.2	420	0	95	46	3	33
12027500	1	30	895	13	67.9	800	.03	80	63	3	32

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12029700	1	31	1,155	--	--	--	--	--	61	--	--
12030000	1	32	24.8	68	10	525	0	98	62	3	31
12031000	1	33	1,294	8	9.45	700	.11	78	60	3	32
12032500	1	34	64.9	21	19.8	410	.62	89	72	3.5	32
12034200	1	35	65.9	13	14.4	650	.76	99	98	4	30
12034700	1	36	.33	1,720	1.15	1,600	0	90	135	5.5	28
12035000	1	37	299	14	28	500	.24	93	128	5	29
12035450	1	38	9.57	--	--	--	--	--	175	--	--
12035500	1	39	70.7	64	22.7	2,000	.04	89	201	5.5	27
12036000	1	40	74.1	58	25.3	1,950	.04	86	199	5.5	27
12036400	1	41	17.1	--	--	--	--	--	120	--	--
12036650	1	42	2.72	--	--	--	--	--	97	--	--
12037400	1	43	155	17	60.8	1,710	.03	90	150	5.5	28
12038750	1	44	1.16	1,556	1.9	2,450	0	100	180	8	28
12039000	1	45	130	23	36	1,000	.01	97	155	5.5	28
12039050	1	46	.56	147	.9	310	0	95	110	4.5	31
12039100	1	47	.15	127	.95	290	0	90	110	4.5	31
12039300	1	48	74.1	238	12.6	3,410	.03	98	200	8	24
12039400	1	49	.77	1,140	1.9	1,080	0	95	135	6	28
12039500	1	50	264	64	36.5	2,700	2.08	92	186	6.5	26
12040000	1	51	140	30	34.9	1,500	0	98	136	6.5	28
12040500	1	52	445	31	48.7	1,700	0	89	152	6.5	28
12041000	1	53	208	91	34.4	3,000	.1	79	167	6	26
12041200	1	54	253	66	44.8	2,440	.17	85	160	6	27
12041500	1	55	83.8	147	16.9	2,900	.48	82	99	5	27
12041600	1	56	.42	1,250	1.1	1,840	0	95	98	4	29
12042700	1	57	2.03	272	2.45	650	0	95	120	6	32
12042900	1	58	1.67	149	2.6	530	0	95	110	6	32
12043000	1	59	129	--	--	--	--	--	114	--	--
12043100	1	60	86.3	12	17.6	440	1.2	100	95	6	32

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12043163	1	61	32.0	--	--	--	--	--	104	--	--
12043300	2	62	51.2	30	18.4	805	0	100	124	5	32
12043430	2	63	14	297	6.5	1,280	0	100	90	3.5	32
12044000	2	64	48.6	242	16.7	2,190	16.69	98	91	3	29
12045500	2	65	269	64	36.6	3,700	.23	82	112	4	25
12046800	2	66	.69	590	2.45	1,110	0	85	27	3.5	31
12047100	2	67	4.77	274	5	780	0	65	23	3.5	29
12047300	2	68	46.6	381	9.9	3,000	1	99	60	3	28
12047500	2	69	15.5	298	9	1,550	0	97	41	2.5	28
12047700	2	70	2.28	358	4.6	2,740	0	100	55	3	29
12048000	2	71	156	196	22.4	4,500	.06	83	62	3.5	26
12049400	2	72	2.96	583	4	1,490	0	95	35	2	29
12050500	2	73	11.2	435	6.5	1,800	0	91	43	2.5	29
12052400	2	74	6.78	127	4.75	1,450	1.02	95	60	3	28
12053000	2	75	93.5	204	21.6	4,700	.11	80	97	5	25
12053400	2	76	.62	1,840	1.63	1,770	0	95	60	2.5	29
12054000	2	77	66.5	150	19.7	4,700	.3	95	113	3.5	26
12054500	2	78	51.3	325	11.8	3,830	.49	89	110	5	27
12054600	2	79	21.6	384	10	2,660	.28	88	103	4	28
12056300	2	80	.82	341	2.05	500	0	95	78	2.6	34
12056500	2	81	57.2	190	13.9	3,700	.17	92	161	6	26
12057500	2	82	93.7	94	23.5	3,100	6.4	93	145	5	27
12058000	2	83	1.83	--	--	--	--	--	99	--	--
12059800	2	84	26	220	8.8	2,450	.4	99.5	160	7.7	24
12060000	2	85	65.6	80	18	2,505	.16	98	161	5.5	27
12060500	2	86	76.3	64	24.5	2,100	.26	98	153	5.5	28
12061200	2	87	.76	408	1.8	870	0	95	110	2.6	30
12063000	2	88	3.16	118	3.4	924	0	100	57	3.5	34
12063500	2	89	19.2	--	--	--	--	--	60	--	--
12065500	2	90	1.51	295	1.85	1,120	0	99	61	3.5	34

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12066000	2	91	5.99	153	4.45	930	1.67	96	61	3.5	34
12067500	2	92	15	39	10.1	684	3.53	97	62	3.5	34
12068500	2	93	18.4	36	7.6	376	.71	98	61	4	34
12069550	2	94	13.8	43	9.3	490	3.35	88	55	3	32
12070000	2	95	5.01	43	3.7	289	0	80	37	3	34
12072000	2	96	15.3	100	6.1	400	4.58	98	50	3	34
12072600	2	97	1.61	108	2.4	280	.33	80	50	2.25	32
12073500	2	98	6.47	58	7.6	316	.15	77	54	3	34
12076500	2	99	39.3	26	8.4	420	1.07	96	84	4	30
12078400	2	100	17.4	54	8.6	600	4.85	98	59	3	31
12078600	2	101	1.12	289	1.9	470	0	95	57	3.3	31
12079000	2	102	89.8	50	27.8	1,340	.62	88	61	3	29
12081300	2	103	2.28	37	2.5	280	0	80	42	3	31
12082500	2	104	133	192	25.9	4,020	.38	82	94	3.5	25
12083000	2	105	75.2	155	13	2,740	.66	92	98	3.5	27
12084000	2	106	252	120	32.6	3,300	.33	85	92	3.5	26
12084500	2	107	28	145	8.6	2,600	.36	99	81	3.5	28
12086500	2	108	292	73	43.3	3,200	1.75	85	89	3.5	26
12087000	2	109	80.7	117	18.4	2,300	0	93	71	3.5	27
12088000	2	110	34.5	177	11.4	1,600	1.77	97	54	3.5	28
12090200	2	111	86.8	17	24.6	350	1	45	37	3	34
12090400	2	112	5.26	14	4.4	410	0	15	35	2.5	33
12091700	2	113	4.41	128	2.4	325	.05	60	43	2.25	32
12092000	2	114	92.8	630	15.5	4,100	.54	70	105	3.5	24
12093000	2	115	25.9	126	12.9	1,500	2.7	94	53	3	27
12093500	2	116	172	214	31.1	3,000	.82	90	85	3.5	26
12093900	2	117	76.2	--	--	--	--	--	93	--	--
12094000	2	118	78.9	289	22.6	4,000	.25	68	92	3.5	24
12095000	2	119	79.5	174	16.5	2,300	.63	97	65	3	28
12096500	2	120	438	105	45.3	2,200	.78	84	75	3	28

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12096800	2	121	1.01	1,480	2.4	4,410	0	95	80	2.8	21
12096950	2	122	4.31	873	2.6	4,150	.02	99	65	3.5	26
12097000	2	123	216	139	32.7	4,700	.46	77	80	3	22
12097500	2	124	73.5	143	20.3	4,200	.27	93	94	3	22
12097700	2	125	2.35	860	2.3	2,810	0	25	70	2.8	27
12097850	2	126	375	--	--	--	--	--	82	--	--
12099600	2	127	15.4	--	--	--	--	--	61	--	--
12100000	2	128	427	--	--	--	--	--	78	--	--
12101500	2	129	948	84	50.9	2,500	.31	79	74	3	25
12102800	2	130	.27	215	.9	350	.03	70	42	--	--
12103200	2	131	.78	117	1.6	350	0	95	39	2.7	33
12103400	2	132	34.8	309	8.3	3,500	0	100	95	2.5	18
12103500	2	133	11.5	557	4.6	3,370	0	61	97	3	20
12104000	2	134	4.67	630	3.6	3,190	.43	99	84	3	20
12104500	2	135	96.2	120	16.2	3,190	.02	91	88	3	20
12104700	2	136	3.23	760	3.1	3,200	0	100	70	3	24
12105000	2	137	8.56	377	4.6	3,220	0	82	99	3	23
12105710	2	138	16.7	198	10.1	2,890	.78	61	101	3	24
12106000	2	139	4.1	627	4.0	2,400	0	100	85	3	29
12106500	2	140	230	41	34.2	3,100	.09	90	85	3	25
12107200	2	141	2.17	352	3.6	1,330	0	95	70	2.9	30
12108500	2	142	27.4	54	14.1	883	0	47	48	2.5	30
12112500	2	143	53.4	19	12.5	496	4	81	48	2.5	30
12112600	2	144	63.0	2.5	14.1	450	1.7	80	47	--	34
12113000	2	145	399	33	64.3	2,400	.6	70	70	3	28
12113200	2	146	3.14	110	2.85	420	2.54	70	41	2.6	31
12113300	2	147	.3	25	.83	420	0	50	40	2.6	31
12113500	2	148	9.3	317	3.7	3,830	5.38	78	118	3	21
12114000	2	149	6.0	317	4	3,500	0	78	118	3	21
12114500	2	150	25.4	189	7.1	3,460	1.97	71	124	3	22

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12115000	2	151	40.7	116	12.2	3,230	1.47	77	120	3	23
12115500	2	152	13.4	386	6.4	3,360	0	87	119	3	25
12115700	2	153	4.64	--	--	--	--	--	119	--	--
12116100	2	154	.19	--	--	--	--	--	90	--	--
12117000	2	155	17.2	289	8.2	2,300	0	100	82	2.5	29
12118500	2	156	12.6	46	6.3	750	.13	83	53	2	30
12119600	2	157	12.7	221	6.4	770	0	91	45	2	29
12119700	2	158	6.8	206	6.6	770	0	95	45	2	31
12119800	2	159	3.05	95	2.6	360	0	75	47	2	32
12120600	2	160	17.6	--	--	--	--	--	80	--	--
12121000	2	161	27	144	10.6	940	.07	91	66	2.5	30
12121600	2	162	54.7	232	19.5	940	.04	88	53	2.5	30
12121700	2	163	3.9	290	3.3	880	0	97	55	2.5	31
12122500	2	164	13.9	--	--	--	--	--	45	--	--
12123000	2	165	10.7	42	7.5	375	1.4	87	43	2	32
12123300	2	166	2.46	127	3.25	450	0	90	45	2	31
12124000	2	167	13	74	8.6	365	.08	92	45	2	32
12125000	2	168	150	23	30.1	600	5.69	87	53	2.5	31
12125200	2	169	157	21	33	645	18.6	78	48	2.25	30
12126000	2	170	24.6	49	9.9	390	2.07	82	38	2	33
12126500	2	171	212	16	34.3	500	4.25	80	49	2.5	31
12127100	2	172	23.1	43	13.5	390	.17	55	39	1.7	32
12127300	2	173	3.67	108	4.2	340	.03	76	38	1.7	32
12127600	2	174	7.8	109	3.1	340	0	65	38	1.7	32
12130500	2	175	135	211	16.6	3,870	1.38	95	119	4	21
12131000	2	176	96.5	173	18.6	3,600	.52	95	126	4	21
12132700	2	177	.95	2,010	1.9	2,260	0	95	97	4	24
12133000	2	178	355	98	33.8	3,800	.9	85	122	4	21
12134000	2	179	146	132	27	3,800	.41	85	151	4.5	21
12134500	2	180	535	87	42.4	3,700	.73	85	128	4.5	22

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12135000	2	181	19	300	9.35	2,660	.84	75	88	4	26
12135500	2	182	8.31	610	5.9	1,800	0	90	75	4	28
12137500	2	183	74.5	80	19.2	3,120	.4	83	120	4	25
12141000	2	184	56.4	40	15.1	625	2.11	91	48	3	31
12141100	2	185	834	65	40.3	3,560	1.45	98	105	4.5	26
12141300	2	186	154	117	29.6	3,710	1.3	75	137	4	23
12141500	2	187	169	91	37.2	3,500	1.3	74	132	3.5	23
12142000	2	188	64	85	17.3	3,200	.78	77	131	3.5	26
12142300	2	189	7.67	210	4.4	3,380	13.8	76	65	2.5	29
12143000	2	190	95.7	68	24.2	3,100	1.67	75	119	3	26
12143300	2	191	.15	2,800	1.15	2,850	0	70	121	3.9	21
12143310	2	192	.34	2,530	1.45	3,900	0	20	121	4	26
12143400	2	193	41.6	760	2.25	3,390	.31	80	120	4	22
12143600	2	194	65.9	--	--	--	--	--	114	--	--
12143700	2	195	1.57	--	--	--	--	--	94	--	--
12143900	2	196	3.64	--	--	--	--	--	88	--	--
12144000	2	197	81.7	102	27.2	2,900	.37	81	110	3.5	25
12144500	2	198	375	72	44.8	3,300	1.23	76	118	3	25
12145500	2	199	30.6	179	12.5	1,330	0	99	77	2.7	29
12146000	2	200	15.5	52	8.4	410	.06	90	47	2.5	31
12147000	2	201	17.1	50	11.2	781	.23	97	53	2	30
12147500	2	202	39.9	103	15.2	2,590	.03	73	97	3.5	28
12147600	2	203	5.34	225	3.9	3,230	1.2	98	66	2.5	29
12148000	2	204	19.7	162	10.2	2,940	7.11	59	112	5	27
12148100	2	205	2.19	610	4.1	2,290	0	99	80	3.2	29
12148500	2	206	81.4	115	18.2	2,300	1.79	73	94	5	28
12149000	2	207	603	40	60.8	2,400	1.16	79	99	4.5	26
12150800	2	208	1,537	57	44.7	3,320	1.74	96	105	4	25
12152500	2	209	54.5	46	20.5	1,500	.18	96	68	4	29
12153000	2	210	17	40	8.7	376	.12	94	42	3	30

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12156400	2	211	.97	193	1.8	300	0	10	38	2.1	34
12157000	2	212	15.4	78	6	220	.06	75	37	3	31
12161000	2	213	119	46	36	2,600	.08	94	106	3.5	25
12162500	2	214	199	43	47.2	2,300	.05	94	94	3.5	26
12164000	2	215	46.2	132	18.7	1,400	.87	92	91	3	29
12165000	2	216	20	308	10.2	2,530	0	70	100	4.5	24
12166500	2	217	65.9	101	22.6	2,540	0	98	89	3	30
12167000	2	218	262	33	42	2,300	0	92	83	3.5	28
12168500	2	219	52	75	16.3	1,290	2.48	91	64	2.5	30
12169500	2	220	7.52	74	6	270	3.45	60	37	2.1	36
12172000	2	221	63.2	115	18.5	4,400	0	76	74	3.5	18
12172500	2	222	780	38	56	4,800	.2	78	75	3	16
12173500	2	223	206	194	19.6	5,700	.05	79	77	3	18
12174000	2	224	210	190	20.5	5,700	.05	79	77	3	18
12174500	2	225	999	34	59	4,990	.16	78	75	3	17
12175500	2	226	105	257	15.2	5,800	.1	61	129	4	22
12176000	2	227	114	218	18.2	5,600	.09	63	128	4	22
12177500	2	228	22	560	7.8	5,000	.45	84	88	3.5	24
12178100	2	229	27.9	578	7.7	4,140	.31	77	125	4	26
12181100	2	230	2.36	876	2.6	6,240	.05	1	154	5.5	16
12181200	2	231	.08	36	.3	5,390	0	67	150	5.5	16
12182500	2	232	172	156	28.6	4,400	.17	78	131	4.5	23
12184300	2	233	1.7	1,640	2	4,020	.02	99	100	3.5	28
12185300	2	234	3.03	--	--	--	--	--	168	--	--
12186000	2	235	152	125	24.5	3,700	.13	81	139	4.5	21
12187500	2	236	293	89	34.4	3,800	.07	80	128	4.5	21
12188300	2	237	4.32	861	3.2	3,750	.14	99	125	5	25
12189000	2	238	335	96	42	4,500	.15	74	132	4.5	20
12189400	2	239	1.3	842	2.6	1,620	0	80	79	4	28
12189500	2	240	714	69	54.9	3,900	.1	79	125	4.5	21

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12191500	2	241	211	89	23.3	3,900	.71	69	126	3.5	20
12191800	2	242	8.36	667	6.8	3,960	0	90	125	4.5	22
12196000	2	243	10.7	203	7.1	1,280	0	99	58	3	29
12196200	2	244	6.56	422	3.8	2,470	.6	85	75	3	31
12196500	2	245	34.2	143	12.6	2,310	.64	88	77	3	31
12197200	2	246	1.82	1,080	3.6	1,970	0	90	60	2.4	31
12199000	2	247	3,020	--	--	--	--	--	46	--	--
12199800	2	248	3.56	435	3.8	2,700	0	62	60	2.5	33
12200700	2	249	2.58	166	2.9	490	0	70	35	2	37
12200800	2	250	2.35	398	2.35	1,220	0	95	48	2.5	31
12201500	2	251	87.8	14	22.2	904	1.82	87	49	2	30
12204400	2	252	1.15	1,700	2.2	4,070	0	95	80	3.8	22
12205000	2	253	105	106	17.6	4,300	.19	71	109	3.5	19
12207200	2	254	282	68	38.2	3,200	.02	93	90	4	22
12208000	2	255	73.3	349	17.4	3,540	.04	97	90	4	22
12209000	2	256	103	58	25.8	3,000	.29	84	92	3.5	25
12209500	2	257	23.1	334	9.5	3,020	.09	90	93	3	24
12210500	2	258	584	62	43.1	3,000	.24	86	92	3	22
12211500	2	259	648	41	63.1	2,760	.23	82	88	3	23
12212000	2	260	22.3	23	8.2	154	1.35	20	42	2.5	28
12212700	2	261	.74	78	1.45	290	0	25	40	2.7	29
12212800	2	262	.24	115	1.1	230	0	20	40	2.7	29
12213100	2	263	786	12	64.6	1,750	.03	89	79	2.6	28
12395800	8	264	4.75	60	5.2	2,430	0	85	36	1.5	17
12395900	8	265	16.8	67	8.7	2,490	1.48	86	36	1.5	16
12396000	8	266	68.3	109	16.2	3,650	.41	99	38	1.4	16
12396100	8	267	16.8	167	11.2	3,630	0	99	37	1.5	17
12396450	8	268	11.3	225	7.7	3,510	0	99	29	1.5	17
12396900	8	269	70.2	140	17.4	4,760	1.7	100	45	1.4	18
12397500	8	270	122	19.6	16.6	4,900	3.9	96	37	2	16

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12398000	8	271	142	15	21	4,660	4.01	96	37	2	16
12400500	4	272	225	93	34.8	4,120	.05	96	25	2	15
12401500	4	273	2,220	20	125.4	4,560	.2	96	27	2	13
12403700	4	274	1.18	645	1.8	4,560	0	80	24	1.4	14
12405400	4	275	11.9	703	5.2	3,180	0	99	20	1.3	15
12407500	4	276	48.2	53	18.5	2,390	7.26	85	18	1.3	16
12407520	4	277	36	71	13.6	3,160	0	97	20	1.3	14
12407600	4	278	4.08	520	3.55	3,210	0	90	20	1.3	16
12407700	4	279	94.1	109	18.7	3,160	.01	94	22	1.3	16
12408200	4	280	1.65	295	2.25	3,690	0	99	34	1.5	17
12408300	4	281	132	54	23.2	3,475	.61	98	29	1.3	16
12408400	4	282	11.1	250	5.5	3,420	0	99	25	1.4	16
12408420	4	283	37	237	9.8	2,570	0	95	20	1.3	16
12408500	4	284	83	121	15.8	3,510	0	96	26	1.3	16
12409000	4	285	1,007	16	71.3	3,000	.63	89	21	1.3	16
12409500	4	286	160	99	27.8	3,650	0	87	20	1.4	16
12410000	4	287	56	126	14.6	3,260	16.1	82	22	1.4	16
12410600	4	288	18.1	237	7.2	3,770	0	90	21	1.4	15
12410650	4	289	6.96	317	4.3	3,330	0	90	22	1.4	15
12423550	8	290	2.18	109	3.55	2,710	0	2	20	1.5	17
12423700	8	291	.59	178	1.95	2,730	0	5	22	1.5	16
12423900	8	292	2.02	453	2.7	2,680	0	10	22	1.4	19
12424000	8	293	689	12.5	76.6	2,710	.04	78	20	1.5	20
12427000	8	294	115	63	12.2	2,800	1.33	91	30	1.9	17
12429200	8	295	10.5	20	7.2	2,040	.5	63	22	1.8	16
12429600	8	296	31.9	118	13.9	2,680	0	80	28	1.4	19
12429800	8	297	1.83	355	2.4	2,600	0	80	18	1.4	16
12430370	8	298	2.07	160	2.2	2,340	0	30	18	1.4	17
12431000	8	299	665	13	47.9	2,400	.54	60	25	1.5	17
12431100	8	300	11.9	143	6.3	2,200	0	25	20	1.5	18

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12433200	8	301	179	27	35.9	2,380	0	65	20	1.4	16
12433300	8	302	1.14	230	1.8	2,580	0	.01	15	1.3	18
12433542	8	303	6.00	--	--	--	--	90	20	--	--
12433561	8	304	19.1	--	--	--	--	90	18	--	--
12433580	4	305	23.2	7.5	8	2,570	0	0	15	1.3	17
12433800	4	306	4.25	173	6	4,030	0	95	19	1.4	13
12437500	7	307	122	84	17.1	3,100	.2	91	21	1.2	15
12437930	7	308	35.4	57	10.1	2,260	0	0	12	1.2	15
12437950	7	309	4.75	350	3.05	2,100	0	0	12	1.2	17
12437960	7	310	28	75	10.7	2,700	0	.1	12	1.2	14
12439300	4	311	60.1	237	13.8	3,280	.15	35	15	1.2	15
12441700	4	312	17.1	207	6.8	6,250	.05	25	32	1.5	9
12442000	4	313	130	273	16.6	5,520	0	79	29	1.9	10
12445800	4	314	4.12	379	4.15	3,740	0	99	18	1.3	15
12447380	4	315	4.63	837	3.6	5,790	0	63	80	3.5	11
12447390	4	316	22.1	292	8.4	6,300	.12	79	35	2	8
12447400	4	317	3.8	814	5.15	4,760	0	99	19	1.9	7
12447430	4	318	4.05	508	4.2	4,770	0	87	22	2	8
12448700	4	319	3.15	1,149	3.4	5,320	.09	73	30	1.8	8
12448900	4	320	16.6	508	7.8	4,390	0	74	35	2	9
12448998	4	321	245	--	--	--	--	90	40	--	--
12449500	4	322	1,301	72	58.8	5,180	.13	76	35	1.7	9
12449600	4	323	62	331	9.6	5,090	.4	2.4	24	2	12
12449790	4	324	8.51	66	6.6	4,630	0	100	30	1.5	14
12449950	4	325	1,772	42	92.1	4,780	.11	78	32	1.7	10
12451000	4	326	321	137	28.7	5,130	.31	83	99	2.8	16
12451500	4	327	64.8	239	19.7	4,930	.42	68	52	2.8	16
12452800	4	328	203	91	40.4	5,230	.1	91	59	2	16
12452880	4	329	7.15	818	3.8	3,990	0	93	40	1.8	16
12453000	4	330	419	68	58.2	4,390	.05	92	45	2	17

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12454000	4	331	150	89	23.1	4,590	.07	51	108	3.5	17
12454290	4	332	1.02	1,623	1.9	4,620	0	77	35	1.6	15
12455000	4	333	273	46	34	4,720	2.29	64	100	3.5	17
12456300	4	334	3.34	509	3.8	3,080	.01	96	40	2	14
12456500	4	335	172	56	32.1	4,440	.4	87	78	2.6	16
12457000	4	336	591	26	41.9	4,540	1.06	76	69	3.1	16
12457300	4	337	2.55	495	2.8	2,760	0	95	41	2	15
12457900	4	338	2.25	1,491	2.9	5,590	0	84	80	3	15
12458000	4	339	193	81	28.2	5,260	.48	85	88	3.3	17
12458900	4	340	1.36	663	2.25	2,140	0	90	23	1.4	16
12459000	4	341	1,000	25	66.6	4,590	.93	80	67	2.8	16
12459400	4	342	3.44	1,400	2.4	4,830	3.7	90	27	3.5	16
12461000	4	343	1,160	24	71.9	4,500	1.01	76	62	3	17
12461100	4	344	15.4	456	7.4	3,530	0	90	25	1.5	17
12461200	4	345	2.49	574	3.6	2,980	0	99	22	1.5	17
12461400	4	346	39.8	309	11.1	3,400	0	88	25	1.5	17
12461500	4	347	18.6	432	6.1	3,060	0	95	24	1.5	16
12462000	4	348	81.2	185	17.4	3,100	0	80	21	1.5	17
12462500	4	349	1,301	26.5	72.5	3,890	1.13	75	60	3	18
12463000	7	350	99.9	30	19.8	2,800	0	0	11	1.1	18
12463600	7	351	2.22	235	2.1	2,280	0	0	10	0.9	18
12463700	7	352	.4	105	1.4	2,500	0	0	10	.9	18
12464600	4	353	.82	192	2.3	2,460	0	0	12	.9	17
12464650	7	354	.68	54	1.6	2,480	0	0	17	1.3	18
12465000	7	355	1,042	13	76.8	2,200	.39	2.9	13	1	18
12465300	7	356	1.12	209	2.3	2,450	0	0	13	.9	18
12465400	7	357	327	21	30.2	2,100	.33	0	12	1	17
12467000	7	358	2,228	10	125.3	2,150	13	0	11	1	19
12467400	7	359	2.7	180	2.2	2,400	0	0	10	.9	18
12470300	7	360	1.57	100	1.95	2,620	0	.01	10	.9	19

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
12471100	7	361	8.52	24	6.6	1,960	0	0	12	.9	18
12474700	5	362	1.07	652	--	--	--	--	--	--	--
12480700	5	363	2.65	548	3.5	3,990	0	95	30	1.4	17
12483300	5	364	2.12	503	3.4	3,280	0	25	18	1.5	18
12483800	5	365	69.5	180	18.7	4,830	0	90	25	1.5	17
12485900	5	366	2.26	494	4.15	3,290	0	0	13	1	16
12487400	5	367	12.7	189	4.5	4,960	7.8	68	55	3.5	16
12488300	5	368	1.1	1,300	2	4,800	0	99	48	2.5	19
12488500	5	369	78.9	64	22.6	4,860	.18	91	74	3.5	19
12489500	5	370	638	44	44.8	4,100	0	94	45	1	18
12491700	5	371	3.91	1,070	3.1	4,300	0	99	25	2.4	18
12492500	5	372	239	42	30.4	4,740	2.07	90	57	2.2	19
12500500	5	373	68.9	193	17.3	4,700	0	95	53	1.5	18
12501000	5	374	24.8	286	11.2	4,280	0	98	54	1.5	18
12502000	5	375	119	140	24.9	3,870	.1	94	49	2	19
12502500	5	376	173	86	45.1	3,200	0	65	38	1.5	18
12506000	5	377	122	132	25.7	3,550	0	80	29	1.5	16
12506500	5	378	81.5	178	18.9	2,990	0	60	39	1.5	16
12507600	5	379	.38	925	1.6	3,520	0	95	24	1.5	21
12508500	5	380	434	98	32	2,910	0	40	18	1.3	20
12512600	7	381	2.44	110	2.9	1,520	0	0	10	.9	22
12512700	7	382	3.71	61	5	1,300	0	0	10	.9	21
13334500	9	383	156	150	23.7	3,760	0	55	22	1.5	22
13334700	9	384	170	140	27.1	3,550	0	45	24	1.5	21
13335200	9	385	1.8	296	3.2	1,520	0	0	14	1.2	24
13343450	9	386	6.83	171	5.6	1,430	0	0	14	1.1	24
13343520	9	387	5.6	281	4.6	2,490	0	0	15	1.2	23
13343620	9	388	.54	100	1.75	2,640	0	0	17	1.2	25
13343660	9	389	1.85	80	1.85	2,540	0	0	16	1.5	25
13343800	9	390	66.2	89	19.6	1,980	0	0	15	1.2	25

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
13344500	9	391	431	72	50.6	3,000	0	35	23	1.5	25
13348000	9	392	132	19	23.6	2,770	0	8.3	22	1.3	26
13348400	9	393	.88	80	1.5	2,570	0	0	21	1.5	24
13348500	9	394	27.1	28	15	2,670	0	.4	21	1.3	24
13349210	9	395	796	19	58.9	2,990	0	34	25	1.4	23
13349300	9	396	2.1	145	2.12	2,270	0	0	20	1.3	22
13349350	9	397	1.64	79	1.85	2,500	0	0	18	1.4	21
13349400	9	398	302	13	49.6	2,200	.02	5.3	18	1.4	22
13349500	9	399	523	23	28.2	2,200	6.1	37	17	1.3	20
13349800	9	400	1.33	67	1.3	2,120	0	15	13.5	1.1	21
13350500	9	401	189	19	48.1	2,680	0	.1	18	1.3	26
13351000	9	402	2,500	12	147.7	2,410	.28	15	18	1.3	22
13352200	9	403	1.51	48	2.1	1,900	0	0	13	1.2	20
13352500	9	404	679	19	68.7	1,870	4.85	7	13	1	20
13352550	9	405	1.27	166	2.65	1,640	0	0	12	1	25
14013000	9	406	59.6	160	13.3	3,860	0	87	40	2.4	20
14013500	9	407	17	294	8.4	3,140	0	33	36	2.4	21
14015900	9	408	1.94	214	2.8	1,850	0	0	20	2	25
14016000	9	409	48.4	176	16.4	2,360	0	81	29	2	25
14016500	9	410	102	151	17.7	3,750	.09	85	30	1.8	25
14016600	9	411	4.12	376	4.3	2,850	0	5	23	1.5	24
14016650	9	412	3.01	275	5	2,440	0	0	21	1.6	24
14017000	9	413	361	82	35.4	2,950	0	40	25	1.8	25
14017040	9	414	2.68	167	3.2	2,080	0	0	19	1.4	24
14017070	9	415	4.92	77	4	1,950	0	0	18	1.4	24
14017200	9	416	4.16	91	3.8	1,730	0	0	16	1	27
14017500	9	417	733	38	68.6	2,200	0	30	20	1.2	23
14018500	9	418	1,657	60	59.4	1,600	.15	25	22	1.5	19
14034250	6	419	.5	280	1.1	2,750	0	0	13	1	19
14034325	6	420	8.35	100	6.1	3,260	.02	0	10	1.4	20

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
14107000	6	421	151	52	31	4,690	.07	88	58	2.5	19
14110000	6	422	360	53	45.2	4,520	.28	87	56	2.5	20
14111800	6	423	10.4	380	7.2	4,290	0	95	25	1.7	20
14112000	6	424	83.5	116	17	3,160	0	92	25	1.3	21
14112200	6	425	.71	156	2.4	1,890	0	5	20	1.6	22
14112400	6	426	26.9	205	11.6	3,060	.2	81	21	1.7	20
14112500	6	427	280	68	34.7	2,600	.04	70	25	1.4	21
14113000	6	428	1,297	46	88.7	3,140	.09	77	36	2.5	21
14121300	6	429	32.4	428	10.3	5,190	0	77	106	2.8	22
14121500	6	430	69.3	123	14.6	3,450	.58	92	82	3.2	23
14122000	6	431	185	195	21.7	3,940	.2	84	82	4.2	21
14123000	6	432	294	101	39.5	3,380	.02	88	71	2.9	23
14123500	6	433	386	93	45.2	3,220	.26	86	66	2.9	23
14124500	6	434	114	135	21.3	2,960	0	93	70	3.8	24
14125000	6	435	117	135	16	2,910	0	93	70	3.8	24
14125200	6	436	4.1	412	4.4	1,910	0	95	55	3.3	25
14125500	6	437	134	140	25.9	2,770	.02	92	70	3.5	24
14126300	6	438	.54	590	1.4	710	0	80	70	3.5	25
14127000	6	439	108	103	20	2,740	.03	98	103	4	25
14127200	6	440	1.8	253	3.1	2,270	0	98	116	5	30
14128500	6	441	225	62	29.6	2,460	.03	52	99	4	25
14143200	3	442	2.74	292	4.2	1,310	0	80	75	4	29
14143500	3	443	108	57	23.9	1,610	0	94	100	4	28
14144000	3	444	23.8	120	10.7	810	0	85	70	3.9	29
14144550	3	445	2.14	337	2.3	750	0	95	62	2.9	30
14144600	3	446	.51	240	1.3	560	0	50	44	3	31
14211900	3	447	21.6	17	10.5	240	0	10	42	2.5	31
14212000	3	448	18.3	285	5.2	3,010	0	93	73	3.5	29
14213200	3	449	127	227	25.4	3,950	.08	93	100	3	26
14213500	3	450	13.2	144	6.9	3,950	.15	93	106	3.5	23

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
14214000	3	451	5.87	303	5.2	4,490	3.41	92	86	3.5	25
14214500	3	452	11.7	356	5.5	3,980	.17	96	88	3.5	25
14215000	3	453	26	294	8.8	4,000	1.54	96	90	3.5	25
14215500	3	454	11.6	200	4.2	2,960	.86	100	105	3.5	25
14216000	3	455	227	141	36.7	3,540	.44	95	104	4	24
14216500	3	456	131	80	19.1	3,180	.15	95	119	4	26
14216800	3	457	22.4	367	11.4	2,920	0	78	132	4	27
14218000	3	458	481	68	51.9	3,120	1.91	93	113	3.7	25
14218300	3	459	2.31	832	2.6	1,660	0	99	115	4.1	28
14219000	3	460	64.9	128	16.2	2,410	.02	98	102	4	27
14219500	3	461	665	50	67.8	2,830	2.56	95	112	3.7	27
14219800	3	462	12.6	455	5.5	2,100	0	100	105	4.8	28
14221500	3	463	40.8	94	17.9	980	.12	91	76	3.5	29
14222500	3	464	125	78	23.3	1,940	.01	99	93	3.5	28
14222700	3	465	.53	80	1.5	250	0	35	45	2.9	31
14223000	3	466	179	83	39.1	2,100	.28	99	96	4	29
14223500	3	467	198	73	45.2	1,880	.01	98	82	4	29
14223800	3	468	1.06	525	2.05	580	0	95	46	3.8	32
14224500	3	469	56.5	188	16.6	4,330	.02	91	102	3	20
14225500	3	470	19.2	354	8.2	4,700	4.17	74	107	3	21
14226500	3	471	287	111	24	4,230	.45	88	95	3	21
14226800	3	472	1.22	1,250	2.15	4,360	0	95	95	4	24
14226900	3	473	1.82	1,080	2.25	3,760	0	95	100	4	24
14230000	3	474	50	275	12.1	4,010	.02	94	99	3	22
14231100	3	475	2.29	1,080	3	2,460	0	80	65	3.3	26
14231700	3	476	5.25	358	4.1	4,090	.5	96	80	3.5	16
14232000	3	477	66.3	123	15.5	3,740	0	75	75	3	25
14232500	3	478	321	84	38.1	4,130	.15	76	84	3.5	23
14233200	3	479	1.48	1,031	1.8	4,060	0	100	95	3.7	24
14233500	3	480	1,040	30	62.6	3,760	.2	86	86	4	24

Table 3. Basin characteristics used in the regression analyses--Continued

Station number	Regression region	Map number	Contributing drainage area (square miles)	Main channel slope (feet per mile)	Stream length (miles)	Elevation (feet above sea level	Storage, percent of contributing drainage area	Forest, percent of contributing drainage area	Mean annual precipitation, (inches)	24-hour, 2-day precipitation (inches)	Mean minimum January air temperature (degrees Fahrenheit)
14235000	3	481	1,162	16.5	89.4	3,430	.18	86	72	4	25
14235300	3	482	.79	890	1.8	2,580	0	99	85	3.9	28
14235500	3	483	16.4	276	5.7	2,450	.12	76	87	3.5	28
14236200	3	484	141	43	22.7	2,330	.01	90	84	3.5	28
14236500	3	485	156	39	27	1,990	.01	90	83	3.5	28
14237000	3	486	3.29	178	2.7	985	0	52	56	3	29
14237500	3	487	37.8	136	10.8	1,640	0	76	60	3	29
14238000	3	488	1,400	14	99.9	3,150	.15	86	72	3.5	26
14239000	3	489	77.6	35	26.4	630	0	91	56	3.5	28
14239100	3	490	.36	105	1.15	650	0	95	48	3	30
14239700	3	491	.38	390	1.1	470	0	80	46	3.9	31
14240800	3	492	129	--	--	--	--	--	75	--	--
14241100	3	493	284	--	--	--	--	--	84	--	--
14241490	3	494	117	--	--	--	--	--	97	--	--
14242500	3	495	474	78	43.9	2,310	.93	94	84	3.5	29
14242600	3	496	.64	29.8	12.5	540	0	80	57	4.1	31
14243000	3	497	2,198	11	133.2	2,540	.26	88	71	3.7	27
14243500	3	498	19.6	284	8.6	906	0	97	72	4	32
14245000	3	499	119	49	28.8	1,390	.08	99	69	3.5	31
14247500	3	500	65.8	48	19.4	1,190	.02	88	94	4	32
14248100	3	501	1.13	266	1.6	280	0	90	107	4.1	32
14248200	3	502	5.48	269	4.1	575	0	100	85	3.5	34
14249000	3	503	39.9	142	10.6	1,350	0	90	116	4	31
14250500	3	504	15.7	150	7	1,180	0	99	103	4	30