

# Low-Flow Characteristics of Streams in Virginia

United States  
Geological  
Survey  
Water-Supply  
Paper 2374

Prepared in cooperation  
with the Virginia Water  
Control Board



Appendix 2. Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
02042790	Beaverdam Creek near Yorktown, Va.	371209	0763116	5.46	0.30	0.1
02042794	Cypress Creek near Benns Church, Va.	365522	0763615	5.23	.50	.07
02042830	Shingle Creek at Suffolk, Va.	364316	0763402	3.56	.30	.08
02042890	Drum Point Creek at Boone, Va.	365044	0762603	.61	.0	.0
02042950	Great Neck Creek Tributary at Oceana, Va.	365003	0760047	.90	.4	.3
02043000	Beggars Bridge Creek near Pleasant Ridge, Va.	364057	0760037	.76	.0	.0
02043100	Albemarle/Chesapeake Canal Tributary near Greatbridge, Va.	364107	0761317	3.80	.25	.06
02044200	Falls Creek Tributary near Victoria, Va.	370204	0781026	.34	.01	.0
02044300	Little Nottoway River at Route 40 near Blackstone, Va.	370225	0780207	72.6	3.4	.48
02044400	Hurricane Branch at Blackstone, Va.	370447	0775855	1.61	.02	.0
02045800	White Oak Creek at Route 620 near Hebron, Va.	370740	0774854	5.94	.12	.01
02046230	Sappony Creek at Route 681 near Stony Creek, Va.	365636	0772708	64.0	—	—
02046300	Hatcher Run at Route 613 near Reems, Va.	370723	0772845	35.7	.86	.08
02046370	Rowanty Creek at Route 602 near Stony Creek, Va.	365857	0772253	119	—	—
02046480	Hunting Quarter Swamp near Sussex, Va.	365325	0772954	9.25	.0	.0
02046500	Anderson Branch at Sussex, Va.	365510	0771545	5.35	.0	.0
02046700	Raccoon Creek near Sebrell, Va.	364811	0771228	65.0	.36	.04
02046720	Tryall Creek near Smokey Ordinary, Va.	364703	0773955	5.61	.0	.0
02046750	Three Creek at Route 616 near Emporia, Va.	364325	0773113	67.2	1.2	.29
02046830	Applewhite Swamp near Drewryville, Va.	364336	0772103	5.96	.01	.0
02046900	Musgrave Branch near Drewryville, Va.	364213	0771629	1.99	.0	.0
02047050	Assamoosick Swamp near Homeville, Va.	365830	0770911	22.0	.30	.01
02047300	Nottoway Swamp near Story, Va.	364322	0765943	12.2	.01	.0
02047360	Mill Creek near Sunbeam, Va.	363412	0770219	23.7	.0	.0
02047400	Blackwater Swamp near Disputanta, Va.	370802	0771230	75.6	.0	.0
02047420	Warwick Swamp near Disputanta, Va.	370534	0770908	38.2	.3	.0
02047440	Otterdam Swamp near Waverly, Va.	370457	0770319	22.4	.0	.0
02047460	Pigeonroost Swamp near Elberon, Va.	370635	0765342	5.98	.08	.0
02047480	Cypress Swamp near Dendron, Va.	370318	0765515	54.4	—	—
02047520	Rattlesnake Swamp at Raynor, Va.	365730	0764625	40.3	—	—
02048460	Round Hill Swamp near Berlin, Va.	365102	0765621	25.6	.0	.0
02049700	Cypress Swamp near Burdette, Va.	364429	0765618	8.55	.02	.0
02050113	Quaker Swamp near Lumis, Va.	364142	0764335	4.02	.0	.0
02050115	Chapel Swamp near Somerton, Va.	363434	0764828	17.9	—	—
02050130	Beaverdam Creek near Cleopus (Factory Hill), Va.	363310	0765030	9.17	.0	.0

**Appendix 2.** Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
02050400	North Meherrin River near Briery, Va.	370420	0782745	1.19	0.14	0.05
02051100	South Meherrin River near Chase City, Va.	365134	0782522	27.6	.70	.16
02051175	Meherrin River at Route 636 near North View, Va.	364803	0781004	305	13	8.7
02051200	Flat Rock Creek near Kenbridge, Va.	365358	0780722	21.5	1.8	.36
02051300	Evans Creek near Brodnax, Va.	364407	0775734	14.6	1.8	.65
02051650	Rocky Run near Dolphin, Va.	364735	0774935	1.41	.01	.0
02052100	Rattlesnake Creek near Ankum, Va.	363648	0775225	6.55	.04	.0
02053030	Mill Swamp near Claresville, Va.	363632	0772910	10.4	.0	.0
02053100	Tarrara Creek at Boykins, Va.	363520	0771203	57.5	.1	.01
02054120	North Fork Roanoke River near Lusters Gate, Va.	371318	0802156	44.6	4.8	2.6
02054650	Mason Creek at Mason Cove, Va.	372218	0800402	11.9	—	—
02056700	Beaverdam Creek at Route 757 near Hardy, Va.	371328	0794523	24.8	3.2	.88
02056950	Maggodee Creek near Boones Mill, Va.	370757	0795820	11.0	1.2	.34
02057050	Gills Creek at Route 122 near Bumt Chimney, Va.	370731	0794658	21.8	6.0	.24
02057600	Pigg River at Route 40 near Rocky Mount, Va.	365834	0795532	40.5	17	8.5
02057700	Powder Mill Creek at Rocky Mount, Va.	370026	0795225	.64	.11	.05
02057750	Little Chestnut Creek near Syndorsville, Va.	365407	0795055	15.5	2.9	1.1
02058100	Turkeycock Creek at Route 969 at Sago, Va.	365253	0793752	29.5	8.9	4.2
02059420	North Fork Goose Creek near Montvale, Va.	372214	0794155	31.5	8.4	6.5
02059460	Shockoe Creek at Route 755 near Irving, Va.	371846	0794034	4.02	.30	.10
02060400	Sycamore Creek at Sycamore, Va.	370125	0792124	5.30	1.0	.70
02061200	Little Otter River at Route 122 near Bedford, Va.	372141	0793003	18.3	3.6	1.5
02062300	Seneca Creek at Route 633 near Long Island, Va.	370623	0790722	52.0	8.0	3.3
02063400	Reddy Creek near Spring Mills, Va.	371654	0785414	12.6	2.4	.90
02063600	Button Creek near Rustburg, Va.	371525	0790410	.59	.08	.03
02065100	Snake Creek near Brookneal, Va.	370042	0785752	1.68	.40	.25
02065220	Catawba Creek at Route 626 at Clarkton, Va.	365830	0785345	40.3	8.0	4.4
02065300	Right Hand Fork near Appomattox, Va.	371612	0784914	2.08	.57	.30
02065400	Big Cub Creek at Route 701 near Madisonville, Va.	371213	0784405	37.2	9.0	4.0
02066450	Roanoke Creek near Charlotte Court House, Va.	370327	0783503	42.7	4.8	1.6

**Appendix 2. Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued**

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
02067100	Difficult Creek at US HWY 360 near Scottsburg, Va.	364746	0784710	40.3	6.2	2.4
02067810	Maple Swamp Branch near Meadows of Dan, Va.	364410	0802628	.49	.30	.21
02069550	North Fork South Mayo River at US HWY 58 at Stuart, Va.	363903	0801708	10.0	5.2	2.8
02069600	Anglin Branch near Stuart, Va.	363815	0801255	3.10	1.2	.58
02069800	Grassy Branch at Route 721 near Sanville, Va.	364203	0800548	3.29	1.4	.82
02071600	Smith River near Charity, Va.	364818	0801204	79.7	38	22
02071800	Nicholas Creek near Ferrum, Va.	365211	0800310	12.2	3.6	1.3
02072600	Reed Creek near Collinsville, Va.	364517	0795448	12.4	2.8	1.4
02074450	Sandy River near Swansonville, Va.	364423	0793654	24.1	6.0	3.2
02075020	Fall Creek at Route 719 near Danville, Va.	364042	0792413	5.39	.44	.15
02075275	Sandy Creek (River) at US HWY 58 near Ringgold, Va.	363450	0791331	18.2	3.5	1.9
02075600	Birch Creek near Birch, Va.	364212	0791303	19.8	3.2	1.3
02075900	Lawsons Creek at Turbeville, Va.	363639	0790128	8.70	.98	.42
02076300	Banister River at US HWY 29 near Chatham, Va.	364641	0792333	84.8	16	6.7
02076650	Banister River at Route 640 near Mount Airy, Va.	365439	0791100	269	63	31
02076700	Blacks Creek near Mount Airy, Va.	365640	0790956	3.44	.12	.02
02076770	Sandy Creek at Route 832 at Meadville, Va.	364932	0790139	99.0	19	9.1
02078300	Aarons Creek near Nelson, Va.	363512	0784300	41.5	—	—
02078400	Bluestone Creek at Route 699 near Laconi, Va.	364348	0783658	47.8	.60	.05
02079660	Jolly Hollow Branch at Boydton, Va.	364038	0782313	3.60	.32	.18
02079665	Cox Creek at Baskerville, Va.	364058	0781615	11.5	1.3	.40
02079740	Great Creek near Marengo, Va.	363622	0780505	7.79	—	—
02113550	Ararat River at Route 749 near Ararat, Va.	363407	0803303	21.7	8.0	3.4
03162415	Helton Creek near Whitetop, Va.	363633	0813352	5.28	2.6	1.6
03162650	Wilson Creek at Volney, Va.	363720	0812336	17.7	2.2	1.3
03163500	Elk Creek at Mount Carmel Church near Galax, Va.	364153	0810326	63.5	12	5.1
03165350	Brush Creek at Route 94 near Ivanhoe, Va.	364559	0805905	15.1	1.0	.25
03165750	Blue Springs Creek near Cedar Springs, Va.	364814	0811822	12.9	2.4	1.7
03166400	Stony Fork near Favonia, Va.	370030	0811127	7.77	.52	.34
03167200	Laurel Fork at Route 638 near Laurel Fork, Va.	364434	0803149	28.3	20	14

**Appendix 2.** Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
03167695	Beaverdam Creek at Hillsville, Va.	365545	0804342	4.19	2.3	1.6
03168750	Thome Springs Branch near Dublin, Va.	370530	0804434	4.77	.10	.04
03169150	Pine Creek at Route 682 near Floyd, Va.	365703	0801703	10.7	5.6	4.4
03169370	Brush Creek at Route 616 near Riner, Va.	370157	0802349	19.1	1.9	1.1
03171400	Neck Creek at Route 617 near Belspring, Va.	371103	0803724	7.92	2.0	1.6
03171550	Sinking Creek at Route 700 near Newport, Va.	371840	0803055	65.4	10	6.0
03171900	Kimbeling Creek near Holly Brook, Va.	371038	0805854	27.3	.18	.08
03177600	Bluestone River above Bluefield, Va.	371357	0811800	16.7	7.1	6.0
03207223	Levisa Fork at Oakwood, Va.	371243	0820020	29.0	1.4	.44
03207225	Garden Creek at Mount Heron, Va.	371117	0820008	11.3	.38	.10
03207228	Right Fork at Mount Heron, Va.	371116	0820018	15.7	.58	.16
03207250	Dismal Creek at Whitewood, Va.	371408	0815127	27.8	2.5	.78
03207280	Laurel Fork at Whitewood, Va.	371401	0815145	16.6	.77	.23
03207295	Lower Big Branch near Patterson, Va.	371603	0815949	2.76	.04	.01
03207390	Big Prater Creek near Vansant, Va.	371301	0820615	10.2	.32	.10
03207398	Trace Fork Branch near Vansant, Va.	371305	0820602	9.33	.38	.10
03207407	Dry Fork at Vansant, Va.	371325	0820542	4.32	.15	.04
03207440	Slate Creek near Stacy, Va.	371844	0815841	16.1	.06	.01
03207450	Slate Creek at Grundy, Va.	371639	0820548	41.0	1.8	.52
03207505	Looney Creek near Grundy, Va.	371836	0820746	6.00	.95	.42
03207520	Poplar Creek near Harman Junction, Va.	371821	0820921	6.18	.22	.07
03207530	Bull Creek near Harman Junction, Va.	371841	0820957	12.1	1.3	.32
03207550	Lynn Camp Creek near Harman Junction, Va.	371930	0820951	4.06	.52	.24
03207600	Home Creek near Big Rock, Va.	372042	0821030	12.1	1.2	.42
03207792	Rocklick Creek at Big Rock, Va.	372121	0821122	7.73	.74	.28
0320803170	Ball Creek above Nance White Creek near Council, Va.	370512	0820205	.91	.10	.04
0320803180	Nance White Branch near Council, Va.	370513	0820207	1.13	.0	.0
0320803350	Grisson Creek above Veina near Council, Va.	370612	0820302	1.44	.01	.0
032080351	Barton Fork above Jackson Fork near Council, Va.	370438	0820141	.31	.01	.0
032080352	Jackson Fork above Barton Fork near Council, Va.	370435	0820141	.33	.0	.0

**Appendix 2. Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued**

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
0320803570	Barton Fork Tributary near Council, Va.	370434	0820210	0.17	0.0	0.0
03208042	Big Branch below Route 672 near Council, Va.	370504	0820501	.97	.01	.0
03208043	Russell Fork at Davenport, Va.	370557	0820810	16.8	.27	.04
03208044	Hurricane Creek above Left Fork near Davenport, Va.	370758	0820425	1.76	.0	.0
0320804480	Left Fork above Hurricane Creek near Davenport, Va.	370801	0820431	.89	.01	.0
03208045	Parett Fletcher Branch near Davenport, Va.	370729	0820449	.48	.0	.0
03208046	Hurricane Creek near Davenport, Va.	370634	0820742	8.84	.09	.0
0320804630	Left Fork Hurricane Creek above New Camp Branch near Davenport, Va.	370846	0820629	1.18	.05	.01
0320804670	Boyd Branch near Davenport, Va.	370754	0820700	.68	.0	.0
0320804780	Ivy Lick Branch near Davenport, Va.	370716	0820725	.74	.0	.0
03208048	Left Fork Hurricane Creek near Davenport, Va.	370643	0820740	6.76	.10	.01
0320806100	Little Indian Creek near Council, Va.	370255	0820503	1.01	.02	.0
0320806200	Puncheon Camp Branch near Council, Va.	370410	0820649	.78	.01	.0
0320806390	Indian Creek Tributary No 2 near Duty, Va.	370455	0820832	.39	.06	.01
03208064	Indian Creek at Duty, Va.	370457	0820901	11.1	.55	.10
032080646	Cane Creek above Tributary No 2 near Duty, Va.	370316	0821041	1.73	.0	.0
032080647	Cane Creek Tributary No 2 at Mouth near Duty, Va.	370318	0821043	.46	.0	.0
0320806600	Tiller Fork above Left Fork near Duty, Va.	370400	0820923	1.73	—	—
032080664	Left Fork above Tiller Fork near Duty, Va.	370401	0820920	1.02	.01	.0
0320806680	Cane Creek Tributary No 3 at Route 601 near Duty, Va.	370418	0820943	.64	.0	.0
03208067	Cane Creek at Duty, Va.	370450	0821013	6.83	.33	.06
0320807050	Big Branch near Murphy, Va.	370646	0821003	1.10	.0	.0
0320807200	Abner Branch at Mouth near Murphy, Va.	370654	0821020	2.01	.01	.0
03208079	Fox Creek above Left Fork near Murphy, Va.	370943	0821021	3.68	.01	.0
0320807950	Left Fork near Murphy, Va.	370946	0821023	1.6	.0	.0
03208087	Pawpaw Creek above Hackney Hollow near Prater, Va.	371005	0821158	4.12	.0	.0
03208088	Pawpaw Creek Tributary near Colley, Va.	371006	0821202	1.44	.0	.0
03208089	Little Pawpaw Creek near Colley, Va.	371000	0821217	1.36	.0	.0
03208090	Pawpaw Creek near Colley, Va.	370956	0821223	7.09	—	—
03208096	Laurel Branch (South) at Viers near Colley, Va.	371016	0821412	1.43	.0	.0

**Appendix 2. Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued**

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
03208110	Fryingpan Creek near Birchleaf, Va.	370947	0821519	26.4	2.5	0.51
03208150	Lick Creek at Birchleaf, Va.	371027	0821614	31.7	.44	.04
03208220	Russell Prater Creek at Prater, Va.	371256	0821202	3.11	.15	.03
03208240	War Fork at Prater, Va.	371248	0821158	5.48	.23	.07
03208280	Greenbrier Creek at Vacey, Va.	371247	0821413	9.13	1.3	.36
03208365	McClure River above Open Fork at Nora, Va.	370408	0822441	22.2	1.1	.14
03208370	Open Fork at Nora, Va.	370409	0822049	21.4	1.1	.15
03208400	McClure River at Nora, Va.	370412	0822050	46.1	1.2	.16
03208410	Buffalo Creek near Nora, Va.	370447	0822059	3.06	.03	.0
03208420	Caney Creek at McClure, Va.	371433	0822247	28.9	.76	.10
03208550	Barts Lick Creek at Bartlick, Va.	371433	0821903	12.1	.58	.08
03208670	North Fork Pound River at Gilley near Flat Gap, Va.	370615	0824010	11.6	.24	.04
03208795	South Fork Pound River at Pound, Va.	370716	0823650	17.4	1.4	.58
03208810	Indian Creek at Pound, Va.	370707	0823555	11.1	.60	.25
03208905	Georges Fork near Isom, Va.	371045	0822858	7.99	1.3	.54
03208922	Cane Creek near Blowing Rock, Va.	371313	0822702	2.73	.10	.0
03208935	Cranes Nest River near Duncan Gap, Va.	370334	0822940	18.1	1.4	.45
03208937	Birchfield Creek near Duncan Gap, Va.	370315	0823315	5.29	—	—
03208938	Dotson Creek near Duncan Gap, Va.	370314	0823310	9.07	1.7	.76
03209250	Grassy Creek near Breaks, Va.	371746	0821849	15.5	1.3	.31
03213572	Knox Creek at Hurley, Va.	372511	0820110	27.8	1.2	.34
03213575	Lester Fork at Hurley, Va.	372508	0820118	12.0	.85	.32
03213578	Guess Fork near Hurley, Va.	372607	0820154	13.7	—	—
03213581	Race Fork near Kelsa, Va.	372618	0820245	7.32	.36	.12
03213584	Paw Paw Creek near Kelsa, Va.	372607	0820502	7.49	.28	.08
03213587	Left Fork near Kelsa, Va.	372602	0820502	9.16	.91	.36
03475700	Spring Creek near Abingdon, Va.	364403	0820229	2.99	1.0	.70
03489800	Cove Creek near Shelleys, Va.	363913	0822116	17.3	1.2	.65
03520700	Indian Creek at Harman, Va.	370927	0814230	11.1	.49	.25
03520800	Greasy Creek at Harman, Va.	370923	0814230	4.72	.23	.12
03521100	Middle Creek at Cedar Bluff, Va.	370528	0814603	11.2	.73	.40
03521600	Big Creek at Richlands, Va.	370549	0814803	15.0	1.1	.62
03521650	Town Hill Creek at Doran, Va.	370544	0814927	5.91	.16	.06
03521700	Mudlick Creek at Doran, Va.	370543	0815006	7.35	.36	.20
03521800	Mill Creek at Raven, Va.	370458	0815128	5.60	.91	.58

**Appendix 2. Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued**

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
03521850	Swords Creek near Dye, Va.	370344	0815542	11.9	1.4	0.86
03521900	Hess Creek near Dye, Va.	370329	0815546	9.79	.90	.56
03521950	Maiden Spring Creek near Thompson Valley, Va.	370328	0813126	17.8	7.0	6.0
03522525	Grassy Creek near Drill, Va.	370402	0815951	1.74	.12	.08
03522550	Flatrock Creek near Drill, Va.	370331	0815853	1.94	.15	.08
03522600	Lewis Creek at Honaker, Va.	370022	0815820	20.6	2.0	1.2
03523650	Thompson Creek at Artrip, Va.	365801	0820642	19.5	1.0	.55
03523700	Weaver Creek at Artrip, Va.	365733	0820748	18.1	.37	.18
03524010	Dumps Creek near South Clinchfield, Va.	365816	0821135	6.99	.14	.05
03524020	Hurricane Fork near South Clinchfield, Va.	365819	0821125	11.3	.22	.11
03524030	Chaney Creek near South Clinchfield, Va.	365708	0821245	6.05	.15	.07
03524050	Lick Creek at St Paul, Va.	365428	0821759	28.5	2.4	1.5
03524060	Russell Creek near St Paul, Va.	365417	0822048	8.02	.63	.40
03524070	Bull Run near St Paul, Va.	365329	0822237	9.98	.52	.32
03524340	Guest River at Norton, Va.	365613	0823611	29.2	1.0	.31
03524346	Bear Creek near Wise, Va.	365720	0823444	7.45	.75	.33
03524348	Yellow Creek near Wise, Va.	365728	0823450	4.95	.12	.04
03524700	Little Stony Creek near Dungannon, Va.	365048	0822707	16.2	.23	.11
03524870	Stony Creek near Ka, Va.	376049	0823708	18.2	—	—
03524880	Straight Fork near Ka, Va.	364915	0823745	6.03	.51	.28
03524890	Devil Fork near Ka, Va.	364909	0823749	6.03	.31	.16
03525100	Cove Creek near Stanleytown, Va.	364500	0823725	23.5	2.8	1.9
03525490	Stock Creek at Clinchport, Va.	364032	0824444	31.2	3.2	2.1
03527480	North Fork Clinch River near Duffield, Va.	364402	0824751	16.1	1.6	1.0
03527490	Dry Branch near Duffield, Va.	364354	0824749	4.24	.0	.0
03529300	Powell River near Norton, Va.	365509	0824217	27.5	4.2	2.3
03529310	Roaring Fork at Dunbar, Va.	365822	0824405	8.70	1.6	.87
03529315	Potcamp Fork at Dunbar, Va.	365808	0824422	7.21	.49	.22
03529400	Callahan Creek near Stonega, Va.	365634	0824750	9.59	.64	.28
03529410	Mud Lick Creek near Stonega, Va.	365627	0824759	10.7	1.1	.52
03529450	Looney Creek at Appalachia, Va.	365350	0824730	5.97	1.2	.60
03529475	Roaring Branch at Big Stone Gap, Va.	365301	0824718	1.58	.30	.16
03529800	South Fork Powell River at East Stone Gap, Va.	365205	0824448	27.2	3.0	1.6
03529900	Butcher Fork at East Stone Gap, Va.	365224	0824414	8.15	1.2	.69
03530400	North Fork Powell River at Pocket, Va.	364640	0830302	42.3	2.4	1.1
03530440	Straight Creek at St Charles, Va.	364821	0830321	6.84	.23	.08
03530460	Baileys Trace at St Charles, Va.	364816	0830326	4.23	.47	.24
03530470	Puckett Creek at Maness, Va.	364656	0830328	2.93	.15	.06
03530485	Bergen Branch near Stone Creek, Va.	364553	0830639	2.67	.42	.24
03530495	Stone Creek at Stone Creek, Va.	364636	0830323	11.0	.35	.10



**Appendix 2.** Magnitude and frequency of average minimum 7-consecutive-day discharge at partial-record gaging stations on streams in Virginia—Continued

[Dashes indicate that attempts to relate discharge measurements at the partial-record site to daily mean discharge at a continuous-record site were unsuccessful]

Station Number	Station name	Latitude	Longitude	Drainage area, in square miles	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
					2-year	10-year
03531505	Batie Creek near Jonesville, Va.	363934	0830908	17.4	2.8	1.9
03531520	Wallen Creek near Jonesville, Va.	363758	0831019	47.4	11	7.3
03531530	Hardy Creek near Smiley, Va.	363901	0831450	17.3	3.4	2.1
03531535	Dry Creek near Smiley, Va.	363908	0831448	23.6	1.5	.88

Appendix 3. Low-flow characteristics at short-term continuous-record gaging stations and related index stations

Short-term continuous-record station number	Index- station number	Coefficient of determination	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
			2-year	10-year
01615500	01634500	0.892	1.2	0.85
01621000	01632000	.940	.83	.12
01624000	01625000	.874	.0	.0
01626850	01627500	.991	55	45
01628150	01628500	.964	.09	.05
01633500	01634500	.844	5.8	3.3
01654500	01654000	.926	.50	.06
01655000	01654000	.892	3.8	.56
01657655	01654000	.936	.10	.01
	01653000	.720	.12	.02
01658480	01658500	.883	.19	.0
	01660400	.943	.27	.01
01658550	01658500	.912	.46	.03
	01660400	.933	.58	.05
01658650	01658500	.950	.80	.04
	01660400	.950	1.08	.07
01659000	01658500	.941	.07	.0
01659500	01658500	.965	.07	.0
01660000	01658500	.918	.06	.0
01660500	01658500	.921	.50	.0
01661900	01662000	.845	1.8	.52
01667000	01664500	.964	72	14
01669520	01668800	.708	5.5	.64
01670300	01672500	.807	.18	.04
	01671100	.745	.15	.03
01673550	01672500	.818	3.4	.93
01677000	01484800	.753	.58	.22
02011400	02012500	.961	26	20
02011460	02011480	.985	4.5	2.1
	02011500	.932	4.1	2.0
02012000	02012500	.933	5.4	4.5
02014500	02012500	.745	1.2	.86
	02016000	.686	1.2	.88
02019000	02018000	.570	11	7.5
	02019500	.678	12	7.5
02032400	02032680	.880	3.9	.88
02035500	02035000	.500	7.4	4.7
02042000	02041500	.795	4.2	.75
02045000	02046000	0.937	33	4.0
02047100	02052500	.888	.06	.0
02048500	02048000	.822	.17	.0
02056650	02055000	.930	6.4	3.3
	02054500	.907	5.3	2.3
	02053800	.926	4.9	1.8
02056900	02055000	.951	24	15
	02054500	.919	21	11
	02053800	.950	20	8.8

Appendix 3. Low-flow characteristics at short-term continuous-record gaging stations and related index stations—Continued

Short-term continuous-record station number	Index- station number	Coefficient of determination	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
			2-year	10-year
02058000	02058500	.801	20	10
02062000	02062500	.877	54	23
	02064000	.840	48	19
02063000	02064000	.760	.84	.40
02063500	02064000	.952	9.5	4.2
	02065500	.972	9.5	3.2
02064500	02064000	.888	4.6	1.5
02065000	02067000	.866	63	33
03166000	03167000	.581	38	27
03166800	03167000	.841	.13	.09
	03167500	.807	.14	.11
03168500	03167000	.798	4.0	2.4
	03173000	.782	3.6	2.6
03172500	03175500	.910	36	24
03208034	03208500	.816	.0	.0
03208036	03208500	.869	.02	.0
03208040	03208500	.889	.12	.01
03208100	03208500	.918	.95	.04
03208700	03208900	.887	1.0	.32
03208900	03208950	.932	7.1	3.2
03475000	03473000	.889	64	50
	03471500	.884	66	51
03487800	03488000	.804	.75	.39
03488100	03488000	.943	39	28
03488445	03488000	.726	.14	.06
	03490000	.665	.14	.05
03488450	03488000	.798	.38	.15
	03490000	.884	.48	.15
03488500	03488000	.932	66	48
03489850	03478400	.691	2.3	1.6
	03526000	.739	2.2	1.6
	03490000	.771	1.9	1.1
03489870	03526000	.948	5.3	3.5
03489900	03526000	.818	10	6.7
03522000	03521500	0.878	26	17
	03488000	.935	26	19
	03524000	.908	24	17
03523000	03524000	.766	5.1	3.2
03525000	03524500	.950	1.8	.52
03527500	03531500	.965	1.9	.95
03530000	03529500	.706	4.0	2.0
03530500	03529500	.963	4.0	1.3

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
01484750	5	0.20	01484800	0.16	0.05
01484755	6	.68	01484800	.77	.47
01484760	6	.27	01484800	.31	.14
01484765	7	.23	01484800	.27	.12
01484790	31	.23	01484800	.31	.08
01484820	5	.11	01484800	.74	.36
01484830	6	.10	01484800	.12	.05
01484840	6	.22	01484800	.27	.10
01484880	7	.11	01484800	.15	.04
01484885	8	.30	01484800	.34	.11
01484900	7	.13	01485500	.17	.10
01613570	9	3.24	01616000	2.7	2.0
			01634500	2.8	1.9
01613590	12	.16	01634500	.36	.18
01616100	13	4.71	01613900	4.2	3.2
			01615000	5.2	2.6
01620690	11	2.22	01620500	5.4	2.5
			01622000	4.4	2.1
01621300	12	4.03	01628500	6.4	3.4
01622230	8	3.55	01624300	3.8	3.0
			01624800	3.4	2.3
01626900	—	—	(S)	.08	.0
01627100	—	—	(S)	.15	.03
01627400	—	—	(S)	.2	.02
01628080	7	.42	01628500	.33	.12
01628700	—	—	(S)	.05	.02
01628900	—	—	(S)	.13	.03
01629120	—	—	(S)	.5	.04
01629920	—	—	(S)	.07	.02
01630542	—	—	(S)	.25	.05
01630585	—	—	(S)	.02	.0
01630620	—	—	(S)	.06	.0
01630649	—	—	(S)	.07	.01
01630680	—	—	(S)	.13	.04
01630700	13	2.36	01631000	3.4	1.7
			01635500	3.0	1.8
01632080	9	5.87	01632900	6.0	4.0
01632300	24	.0	None	.0	.0
01632840	8	2.88	01632900	3.1	1.8
01632890	12	14.9	01632900	15	9.2
01633475	7	.81	01634500	.61	.47
01633485	9	4.72	01635500	6.9	4.4
01633510	11	.08	01632000	.11	.04
			01634500	.10	.06
01633540	13	17.3	01632900	17	10.5
			01634500	18	13
01633730	10	.48	01634500	.54	.34

**Appendix 4.** Low-flow characteristics at partial-record gaging stations and related index stations—  
Continued

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index- station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
01633745	8	1.15	01634500	1.2	.94
			01635500	1.0	.75
01634340	13	4.08	01634500	4.3	3.2
01635045	13	1.33	01615000	1.0	.54
01635100	13	15.7	01634500	17	11
			01635500	16	11
01635250	9	2.20	01635500	1.7	.91
01635300	9	.25	01634500	.42	.24
01636270	9	2.25	01613900	1.6	.95
			01615000	2.6	1.5
01636300	13	.36	01615000	.43	.18
			01634500	.33	.23
01636690	11	1.05	01644000	.53	.11
01643585	—	—	(C)	.10	.04
01643600	—	—	(C)	1.2	.6
01643643	9	.62	01643700	1.4	.14
			01662000	1.7	.27
01643800	9	1.14	01638480	1.1	.34
01643950	9	10.2	01644000	12	2.9
01643988	—	—	(C)	2.1	.5
01643990	—	—	(C)	.0	.0
01644255	—	—	(C)	.01	.0
01644277	—	—	(C)	.0	.0
01644280	—	—	(C)	.28	.02
01644283	—	—	(C)	.0	.0
01644300	—	—	(F)	0.0	0.0
01645750	—	—	(F)	.19	.0
01645800	—	—	(F)	.0	.0
01645900	—	—	(F)	.78	.13
01645950	—	—	(F)	.17	.0
01646200	—	—	(F)	.73	.12
01646600	—	—	(F)	.09	.0
01646700	—	—	(F)	1.1	.07
01652400	—	—	(F)	.11	.06
01652600	—	—	(F)	.15	.01
01652610	—	—	(F)	.38	.01
01652620	—	—	(F)	.10	.01
01652645	—	—	(F)	.0	.0
01652650	—	—	(F)	.34	.01
01652710	—	—	(F)	.0	.0
01652910	—	—	(F)	1.7	.32
01653210	—	—	(F)	.16	.0
01653447	—	—	(F)	.06	.03
01653700	7	0.12	01660400	.23	.08
01653800	7	.11	01660400	.7	.3

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
01653900	—	—	(F)	.45	.06
01653950	—	—	(F)	.04	.0
01655310	—	—	(F)	.58	.10
01655350	—	—	(F)	1.3	.04
01655370	—	—	(F)	.10	.0
01655380	—	—	(F)	.20	.0
01655390	—	—	(F)	3.0	.06
01656200	19	.0	01656500 01662000	.09 .14	.03 .03
01656645	—	—	(C)	.0	.0
01656655	—	—	(C)	.0	.0
01656659	—	—	(C)	.0	.0
01656670	—	—	(C)	3.3	1.2
01656705	—	—	(C)	.02	.0
01656715	—	—	(C)	.01	.0
01656743	—	—	(C)	.0	.0
01656750	—	—	(C)	0.2	0.0
01656768	—	—	(C)	.0	.0
01656800	—	—	(F)	.0	.0
01656930	—	—	(C)	.0	.0
01657245	—	—	(C)	.02	.0
01657300	—	—	(F)	.48	.07
01657400	—	—	(F)	1.2	.11
01657435	—	—	(F)	.13	.01
01657600	—	—	(F)	.12	.0
01657800	—	—	(F)	.60	.12
01657890	6	0.58	01660400	.56	.12
01660670	7	.31	01654000 01661050 01670000	.67 .80 .75	.16 .34 .30
01660765	8	.0	01660400 01661050 01661500	1.2 1.3 .84	.08 .30 .29
01660870	8	.30	02042500 01661800 01669000 01661500 01660400	.22 .37 .20 .25 .30	.13 .21 .06 .13 .10
01661160	7	3.21	01661500 01654000	4.0 5.5	1.6 1.6
01661840	9	3.48	01662000 01663500	3.0 3.0	.42 .52
01662100	—	—	(S)	1.0	.2
01662110	9	1.11	01663500	1.7	.36
01662150	—	—	(S)	1.8	.3
01662160	—	—	(S)	.5	.05

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
01662190	—	—	(S)	.09	.02
01662310	—	—	(S)	1.0	.3
01662350	—	—	(S)	.5	.09
01662370	—	—	(S)	.5	.10
01662480	—	—	(S)	.21	.05
01662490	—	—	(S)	.34	.0
01664100	—	—	(C)	.0	.0
01664690	—	—	(C)	.0	.0
01664750	—	—	(C)	.0	.0
01665100	—	—	(C)	.0	.0
01665150	—	—	(C)	4.1	0.8
01665220	9	0.14	01656000	.60	.17
			01660400	.44	.01
01665260	—	—	(S)	2.4	.5
01665270	—	—	(S)	.9	.14
01665340	—	—	(S)	1.4	.3
01665400	9	2.42	01665500	1.7	.3
01665440	—	—	(S)	.6	.06
01665740	—	—	(S)	1.5	.15
01665800	—	—	(S)	2.1	.3
01665850	9	6.96	01663500	3.1	.40
			01665500	3.0	.48
01667600	4	.0	01662800	.01	.0
			01666500	.01	.0
01667650	—	—	(C)	.03	.0
01667700	—	—	(C)	.0	.0
01667750	—	—	(C)	.0	.0
01667848	9	.12	01663500	.42	.06
			01670300	.32	.06
			01673800	.30	.03
01667850	9	.54	01663500	.66	.07
			01673800	.90	.13
01668100	7	.0	01653600	.0	.0
01668200	11	.0	01661800	.04	.0
01668305	7	.0	01668500	.14	.0
			01669000	.13	.0
01669100	5	4.31	01669000	4.5	2.5
01669150	7	1.35	01661800	1.5	.57
			01669000	1.7	.65
01669400	8	.02	01668800	.07	.01
			01669000	.08	.02
01669810	7	.70	01661800	.29	.17
			01668500	.29	.16
01669850	7	.0	None	.0	.0
01669885	7	.0	01661800	.0	.0

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
01670010	7	0.04	01670000	0.12	0.02
01670020	7	.0	01670000	1.5	.12
01670120	12	.10	01665500	.95	.20
01670200	9	2.15	01666500	4.8	1.4
			02032680	3.5	.60
01671040	9	.07	01671100	.31	.08
			01672500	.47	.15
			01673800	.29	.09
01671680	9	4.35	01670300	6.6	2.5
			02032680	5.8	1.7
01671950	9	.13	01670011	.45	.11
			01672500	.40	.08
			02036500	.42	.12
01672200	9	.0	01671100	2.0	.80
			02036500	1.2	.22
01672400	4	.03	01671100	.03	.0
			01672500	.02	.0
01672800	9	.64	01671100	1.8	.60
			01673550	1.3	.32
01673560	5	1.51	01673550	3.1	.91
01673600	8	2.46	01669000	4.7	1.3
			01673550	5.1	1.9
			01677000	3.4	1.1
01673620	7	.0	01670000	.12	.0
			01673500	.06	.0
01673700	9	.0	None	.0	.0
01673900	7	.0	01669000	.13	.0
			01670000	.06	.0
			01671100	.10	.0
			01673800	.05	.0
01673960	9	0.0	01673800	0.05	0.0
01674172	9	.0	01673800	.18	.0
			01674000	.12	.0
			01674500	.24	.0
01674200	8	.0	01668800	1.15	.11
			01670000	1.3	.09
01674250	8	2.88	01669000	4.5	1.2
			01671100	5.8	2.4
			01672500	7.2	2.4
			01673800	5.5	2.5
			01674000	6.5	2.0
01674300	7	3.21	01671100	6.4	1.5
			01673800	6.5	1.5
			01674000	8.2	1.0



**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
01674350	8	1.78	01671100	3.4	.82
			01673550	3.0	.70
			01673800	3.8	1.0
01674400	8	3.49	01668500	4.2	.4
			01671100	5.8	1.4
			01673800	6.2	1.7
			01674000	7.7	1.4
01674600	8	.0	01668800	2.2	.9
			01669000	2.4	.8
			01672500	3.4	1.2
			01673550	2.4	1.2
			01673800	1.8	.7
			01674000	2.7	1.0
01674805	8	1.69	01673550	2.5	.92
01675550	6	.17	01668800	.27	.03
			01669000	.26	.05
01677100	18	0.0	01669000	1.9	0.85
			01671100	1.2	.43
			01672500	1.8	.88
			01673800	1.6	.74
			01674000	1.7	.56
01677200	9	.84	01671100	2.5	1.2
			01672500	3.2	1.7
			01673800	1.9	.72
			01674000	2.6	.95
01677900	7	.0	None	.0	.0
02002000	8	1.18	02011460	1.4	.90
02015600	6	2.88	01620500	1.5	.75
			02011400	2.1	1.7
			02011500	2.0	1.4
			02016000	1.4	.97
02015800	8	2.22	02015700	2.3	1.9
			02016000	2.2	1.7
			02020500	1.6	.90
02015930	8	.0	None	.0	.0
02016600	7	.03	02017500	.31	.17
02017300	4	.46	0201750	.13	.10
			02018500	.26	.20
			02017500	.09	.06
02017400	3	.46			
02019100	8	.82	02055100	.87	.59
			02061500	1.1	.52
02020170	7	.42	02016000	.32	.21
			02024000	.33	.22
			02020500	.01	.0
02020200	8	.10	02020500	.01	.0
02021700	5	2.85	02021500	1.7	1.3
			02024000	1.8	1.4
02023300	8	.0	None	.0	.0

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
02024240	8	4.57	02016000	4.2	3.4
			02024000	4.1	3.4
02024760	6	1.40	02022500	3.0	2.2
			02024000	2.5	1.5
			02059500	3.4	1.9
			02061500	3.1	1.47
02024900	7	3.03	02024000	4.2	3.0
02025650	8	5.87	02027000	4.2	1.1
02025800	5	.16	02027800	.26	.06
			02059500	.21	.10
			02061500	.35	.14
02025900	8	3.49	02027800	3.8	1.4
			02061500	5.0	2.9
			02064000	4.9	2.1
02026400	7	3.64	02028500	4.4	2.1
02027600	6	2.69	02027000	2.3	.62
			02027500	1.4	.60
			02027800	2.4	.85
02027670	11	.18	02027000	16	6.5
			02027500	13	6.8
02027700	5	.18	02027800	.03	.0
02028450	7	1.18	02027800	1.4	.50
			02038850	1.8	.60
02028700	9	.80	02027000	.85	.28
			02028500	.85	.30
			02030000	1.0	.37
			02030000	3.0	.85
02029200	9	2.03	02030000	1.6	.50
02029400	10	1.25	02027800	9.1	3.1
02030150	8	8.61	02030500	10	3.3
			02038850	14	4.2
02030300	8	20.1	02030500	22	5.8
02030850	9	2.49	02031000	2.0	.22
02032545	—	—	(S)	.05	.0
02033750	10	.33	02030000	1.3	.18
02034150	9	.33	02030000	.66	.12
			02034000	.65	.07
02034300	8	.84	02038850	1.1	.52
			02039000	.80	.28
02035075	9	.81	02030500	1.3	.34
			02036500	1.2	.39
			02040000	.86	.28
02035460	9	1.40	01671100	2.1	.96
			01672500	2.5	.95
02036700	9	.0	02038000	.0	.0
02038730	8	.60	01670000	.67	.41
			01673550	.68	.48
			01677000	.72	.68
			01668500	.71	.57
			02042500	.67	.57

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
02038780	9	0.0	01670000	0.12	0.04
			01673550	.10	.03
			02038000	.07	.03
02038900	5	.11	02038850	.05	.0
02039600	9	2.82	02039000	4.0	1.5
			02039500	3.4	1.4
02039700	9	1.80	02039000	3.5	1.0
			02039500	3.8	1.6
02039800	9	.82	02039000	.86	.46
02040500	9	2.24	02041000	3.5	.46
			02044000	1.8	.15
02040600	6	.02	02036500	.01	.0
02040900	9	.44	02041000	.42	.08
			02044000	.48	.17
02041400	9	.04	02041000	.12	.02
			02046000	.12	.01
02042050	9	.16	02040000	.28	.02
			02041000	.17	.0
			02046000	.33	.01
02042140	8	1.54	01670000	2.7	1.6
02042160	8	.59	01661800	1.6	.65
02042200	10	.0	None	.0	.0
02042210	7	1.97	01661800	2.55	2.13
			01677000	2.53	2.34
			02042500	2.49	2.26
02042450	7	.0	02038000	1.1	.75
02042600	8	.0	01677000	2.4	1.4
02042700	9	.05	01677000	.40	.20
02042710	3	.07	01670000	.01	.0
			02042500	.02	.0
			02046000	.02	.0
02042752	9	.26	02042500	1.1	.44
02042754	9	1.45	01668800	2.85	1.02
			02042500	3.18	2.02
02042756	9	0.07	01668500	0.30	0.02
			01669000	.30	.04
			01677000	.21	.06
			02042500	.19	.04
			01661800	.12	.03
02042765	9	.02	01668500	.03	.0
			01669000	.09	.02
			01670000	.09	.01
			02042500	.08	.03
			01670000	.95	.24
02042780	10	.30	02042500	.92	.53
02042782	15	.26	01661800	1.1	.14
			01669000	.96	.12
			01670000	.92	.03

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—  
Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
02042787	16	.0	01661800	.08	.02
			01668800	.06	.01
			01669000	.07	.01
02042790	8	.52	02042500	.30	.1
02042794	8	.43	01669000	.54	.04
			02042500	.38	.11
02042830	8	.24	01668800	.30	.08
			01669000	.24	.06
			02046000	.35	.08
02042890	8	.0	None	.0	.0
02042950	8	.30	01484800	.40	.27
			01668500	.38	.33
			02046000	.46	.23
02043000	8	.0	None	.0	.0
02043100	8	.0	01668500	.19	.01
			01677000	.30	.14
			02042500	.20	.06
			02046000	.36	.06
			02048000	.22	.04
02044200	6	.0	02041000	.01	.0
			02046000	.01	.0
02044300	9	5.39	02044000	3.8	.56
			02044500	3.1	.30
02044400	5	.08	02041000	.02	.0
02045800	9	0.38	02044000	0.12	0.01
02046300	9	.08	02046000	.86	.08
02046480	9	.0	None	.0	.0
02046500	7	.0	None	.0	.0
02046700	7	.0	02042500	.36	.04
02046720	9	.0	None	.0	.0
02046750	9	.54	02044500	.77	.10
			02051500	1.5	.36
			02051600	1.3	.10
02046830	7	.0	01668500	.01	.0
			02046000	.01	.0
02046900	6	.20	01668800	.0	.0
			02046000	.0	.0
02047050	8	.0	01661800	.25	.01
			01669000	.45	.01
02047300	7	.0	02047500	.01	.0
02047360	8	.0	None	.0	.0
02047400	10	.0	None	.0	.0
02047420	10	.0	02046000	.3	.0
02047440	9	.0	None	.0	.0
02047460	8	.01	02046000	.08	.0
02048460	8	.0	None	.0	.0

**Appendix 4.** Low-flow characteristics at partial-record gaging stations and related index stations—  
Continued

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
02049700	5	.0	01677000	.02	.0
			02046000	.02	.0
02050113	7	.0	None	.0	.0
02050130	8	.0	None	.0	.0
02050400	6	.12	02051000	.14	.05
02051100	9	.86	02051000	.70	.11
			02079640	.71	.31
02051175	8	15.7	02051000	13	8.7
02051200	9	1.99	02051000	1.8	.36
02051300	9	.42	02051500	1.6	.60
			02051600	2.0	.69
02051650	7	0.01	02044500	0.01	0.0
			02051500	.01	.0
			02051600	.02	.0
			02052500	.0	.0
02052100	9	.04	02044500	.03	.0
			02051500	.05	.0
02053030	8	.0	None	.0	.0
02053100	7	.0	01661800	.10	.01
			01669000	.15	.01
02054120	7	5.56	02053800	4.6	2.3
			02054500	5.0	2.8
02056700	7	.53	02056650	3.2	.88
02056950	8	.28	02056900	1.2	.34
02057050	8	.73	02058400	6.0	.24
02057600	9	5.61	02056900	13	6.0
			02058400	21	11
02057700	6	.09	02058400	.10	.04
			02059500	.12	.06
02057750	10	.52	02058400	2.9	1.1
02058100	10	2.51	02058400	8.9	4.2
02059420	7	9.42	02055100	8.0	6.6
			02059500	9.0	7.4
			02061500	8.3	5.6
02059460	8	.02	02059500	.30	.10
02060400	10	.82	02061500	1.0	.70
02061200	8	3.70	02061500	3.6	1.5
02062300	9	6.45	02064000	8.0	3.3
02063400	8	1.89	02038850	2.6	.81
			02064000	2.2	1.0
			02065500	2.5	.85
02063600	6	.02	02064000	.08	.03
02065100	6	.29	02064000	.43	.30
			02065500	.46	.25
			02076500	.32	.16

**Appendix 4.** Low-flow characteristics at partial-record gaging stations and related index stations—  
Continued

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
02065220	9	6.06	02065500	8.0	4.2
			02076500	8.0	4.6
02065300	6	.29	02061500	.52	.26
			02064000	.55	.31
			02065500	.64	.32
02065400	9	5.93	02064000	8.8	4.4
			02065500	9.2	3.6
02066450	9	.0	02039000	4.8	1.6
02067100	9	5.50	02051000	5.8	2.4
			02065500	6.5	2.3
02067810	4	.32	02069700	.29	.19
			03167500	.30	.22
			03170000	.31	.22
02069550	9	2.17	02069700	5.2	2.8
02069600	7	1.48	02070000	1.2	.58
02069800	9	.62	02069700	1.4	.82
			02070000	1.4	.81
02071600	9	15.0	02069700	39	24
			02070000	37	21
02071800	9	.67	02070000	3.6	1.3
02072600	9	1.10	02070000	2.8	1.4
02074450	10	4.69	02070000	6.7	3.7
			02074500	5.4	2.6
02075020	10	.25	02070000	.44	.12
			02074500	.44	.17
02075275	10	2.37	02070000	3.6	1.9
			02074500	3.5	2.1
			02076500	3.5	1.8
02075600	10	1.86	02077200	3.2	1.3
02075900	10	.62	02076500	.98	.42
02076300	8	4.85	02074500	15	6.0
			02076500	16	7.4
02076650	10	45.8	02058400	68	37
			02064000	56	23
			02076500	64	32
02076700	7	.09	02076500	.12	.02
02076770	10	14.6	02051000	18	5.4
			02058400	21	11
			02064000	18	9.0
			02076500	20	11
02078400	9	.80	02051000	.60	.05
02079660	9	.04	02051000	.32	.18
02079665	9	.0	02051000	1.2	.36
			02051500	1.4	.60
			02051600	1.3	.25
02113550	8	.90	02069700	8.0	3.4

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
03162415	5	1.71	03471500	2.8	1.8
			03473000	2.4	1.5
03162650	5	3.26	03473000	2.2	1.3
03163500	6	12.8	03164000	11	5.6
			03165000	13	4.8
03165350	6	1.13	03165000	1.0	.25
			03166800	1.0	.25
03165750	5	2.57	03167000	2.4	1.7
03166400	6	.01	03471500	.52	.34
03167200	6	20.1	03165000	19	13
			03167500	21	16
03167695	6	2.73	03165000	2.4	1.6
			03167500	2.2	1.7
03168750	7	.05	03166800	.10	.04
03169150	7	6.37	02053800	5.6	4.4
			03170000	5.5	4.5
03169370	7	1.52	02053800	1.7	.75
			03167500	2.	1.4
			03170000	1.8	1.1
03171400	7	1.97	03173000	1.9	1.5
			03175500	2.1	1.6
03171550	7	19.1	03170000	10	4.8
			03173000	11	7.2
03171900	6	.20	03175500	.18	.08
03177600	6	7.42	03175500	7.2	6.1
			03521500	7.4	5.9
03207223	6	2.61	03207800	1.4	0.44
03207225	11	.49	03207800	.38	.10
03207228	5	1.1	03207800	.58	.16
03207250	13	3.17	03207800	2.7	.95
			03208500	2.2	.53
03207280	5	3.0	03207800	.77	.23
03207295	13	.03	03207800	.04	.01
03207390	5	1.2	03207800	.32	.10
03207398	13	.52	03207800	.38	.10
03207407	13	.14	03207800	.15	.04
03207440	8	.09	03207800	.06	.01
03207450	6	1.9	03207800	1.8	.52
03207505	6	1.5	03207800	.95	.42
03207520	6	.37	03207800	.22	.07
03207530	6	3.0	03208500	1.3	.32
03207550	13	.55	03207800	.52	.24
03207600	6	1.4	03207800	1.2	.42
03207792	6	.67	03207800	.74	.28
0320803170	6	.13	03207800	.11	.05
			03208500	.09	.03

**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
0320803180	6	.01	03207800 03208500	.0 .0	.0 .0
0320803350	6	.01	03207800	.01	.0
032080351	6	.02	03207800 03208500	.01 .01	.0 .0
032080352	6	.01	03208500	.0	.0
0320803570	6	.0	03208500	.0	.0
03208042	6	.03	03208500	.01	.0
03208043	12	.45	03207800 03208500	.30 .24	.06 .02
03208044	6	.01	03208500	.0	.0
0320804480	6	.01	03208500	.01	.0
03208045	6	.01	03208500	.0	.0
03208046	12	.16	03208500	.09	.0
0320804630	6	.11	03208500	.05	.01
0320804670	6	0.0	03208500	0.0	0.0
0320804780	6	.01	03208500	.0	.0
03208048	5	.63	03208500	.10	.01
0320806100	6	.04	03208500	.02	.0
0320806200	6	.02	03208500	.01	.0
0320806390	6	.10	03208500	.06	.01
03208064	5	1.9	03208500	.55	.10
032080646	6	.0	None	.0	.0
032080647	6	.0	None	.0	.0
032080664	6	.02	03208500	.01	.0
0320806680	6	.02	03208500	.0	.0
03208067	5	1.3	03208500	.33	.0
0320807050	6	.01	03208500	.0	.0
0320807200	6	.02	03208500	.01	.0
03208079	6	.05	03208500	.01	.0
0320807950	6	.01	03208500	.0	.0
03208087	5	.02	03208500	.0	.0
03208088	5	.0	03208500	.0	.0
03208089	6	.01	03208500	.0	.0
03208096	6	.01	03208500	.0	.0
03208110	6	7.1	03208500	2.5	.51
03208150	6	1.8	03208500	.44	.04
03208220	5	.52	03207800 03208500	.18 .11	.06 .0
03208240	12	.14	03207800	.23	.07
03208280	12	.07	03208500	1.3	.36
03208365	4	6.1	03208500	1.1	.14
03208370	6	2.9	03208500	1.1	.15
03208400	13	2.1	03208500	1.2	.16



**Appendix 4. Low-flow characteristics at partial-record gaging stations and related index stations—Continued**

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index-station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
03208410	13	.04	03208500	.03	.0
03208420	6	2.2	03208500	.76	.10
03208550	5	2.9	03208500	.58	.08
03208670	12	.67	03208500	.32	.04
			03208950	.15	.04
03208795	5	5.2	03208950	1.4	.58
03208810	13	.97	03208950	.60	.25
03208905	5	4.1	03208500	1.5	.48
			03208950	1.1	.60
03208922	5	0.13	03208500	0.10	0.0
			03208950	.10	.0
03208935	5	5.5	03208500	1.4	.26
			03208950	1.5	.65
03208938	5	4.0	03208500	1.8	.64
			03208950	1.6	.89
03209250	5	.99	03208500	1.3	.31
03213572	13	.66	03213590	1.2	.34
03213575	5	2.2	03207800	.85	.32
03213581	12	.30	03213590	.36	.12
03213584	13	.16	03213590	.28	.08
03213587	5	2.1	03207800	.91	.36
03475700	6	.93	03475000	1.1	.70
			03478400	.90	.70
03489800	12	.60	03526000	1.2	.65
03520700	5	1.3	03521500	.49	.25
03520800	5	.58	03521500	.23	.12
03521100	5	1.4	03521500	.73	.40
03521600	5	1.9	03521500	1.1	.62
03521650	13	.15	03488000	.13	.06
			03521500	.20	.05
03521700	13	.26	03488000	.31	.17
			03521500	.40	.23
03521800	5	.49	03521500	.91	.58
03521850	5	.87	03521500	1.4	.86
03521900	5	2.0	03524000	.90	.56
03521950	5	6.81	03524000	7.0	6.0
03522525	6	.03	03521500	.14	.08
			03524000	.11	.07
03522550	13	.10	03527000	.15	.08
03522600	5	4.3	03521500	2.1	1.2
			03524000	1.9	1.2
03523650	5	3.0	03524000	.90	.50
			03527000	1.1	.64
03523700	6	1.0	03521500	0.38	0.17
			03524000	.36	.19
03524010	13	.12	03521500	.13	.04
			03524000	.15	.07

**Appendix 4.** Low-flow characteristics at partial-record gaging stations and related index stations—  
Continued

[Dashes indicate that data were not available. Reports that contain data specific to Virginia and from which data were taken directly are indicated by letters: (S), values from Lynch (1987); (C), values from Lynch and others (1987); (F), values from Mohler and Hagan (1981)]

Partial-record station number	Number of discharge measurements	Minimum discharge measured, in cubic feet per second	Index- station number	Annual 7-day low flow for indicated recurrence interval, in cubic feet per second	
				2-year	10-year
03524020	6	.78	03521500	.24	.11
			03524000	.21	.11
03524030	15	.15	03521500	.15	.07
03524050	14	2.07	03524000	2.4	1.5
03524060	6	1.8	03524000	.63	.40
03524070	5	1.6	03524000	.52	.32
03524340	5	5.2	03524500	1.0	.31
03524346	13	1.34	03524500	.75	.33
03524348	13	.27	03524500	.12	.04
03524700	6	.75	03524000	.23	.11
03524880	5	.64	03527000	.50	.32
			03529500	.52	.24
03524890	5	.25	03524500	.24	.10
			03527000	.40	.26
			03529500	.30	.13
03525100	6	4.5	03527000	2.8	1.9
03525490	6	6.0	03527000	3.2	2.1
03527480	6	4.6	03527000	1.6	1.0
03527490	6	.01	03529500	.0	.0
			03531500	.0	.0
03529300	6	5.8	03529500	4.0	2.1
			03531500	4.3	2.5
03529310	14	1.80	03529500	1.6	.87
03529315	6	1.4	03529500	.49	.22
03529400	6	2.1	03529500	.64	.28
03529410	6	2.9	03529500	1.1	.52
03529450	14	1.50	03529500	1.2	.60
03529475	6	.41	03529500	.30	.16
03529800	6	3.6	03529500	3.0	1.6
03529900	6	1.7	03529500	0.95	0.50
			03531500	1.4	.88
03530400	5	5.5	03529500	1.8	.70
			03531500	3.0	1.5
03530440	13	.24	03530500	.23	.08
03530460	5	1.1	03531500	.47	.24
03530470	4	.37	03529500	.12	.05
			03531500	.17	.08
03530485	4	.75	03529500	.33	.17
			03531500	.49	.30
03530495	4	1.2	03530500	.35	.10
03531505	5	5.2	03531500	2.8	1.9
03531520	5	15	03531500	11	7.3
03531530	6	9.3	03531500	3.4	2.1
03531535	5	1.8	03531500	1.5	.88