

S2 Table. Length of stream and percentage of total stream length that was predicted to be: a) too warm (July mean daily maximum stream temperature (JMMST) > 22 °C), b) too acidic (ANC < 50 µeq/L), or c) suitable (ANC > 50 µeq/L and JMMST < 22 °C).

National Forest/ Ranger District	Total Stream Length	Temp > 22 °C		ANC < 50 µeq/L		Temp > 22 °C and ANC < 50 µeq/L		Suitable Habitat	
	km	km	%	km	%	km	%	km	%
George Washington									
James River	2,505	1,652	65.9	59	2.4	0	0.0	794	31.7
Lee	1,904	931	48.9	114	6.0	0	0.0	859	45.1
North River	3,857	2,017	52.3	475	12.3	1	0.0	1,367	35.4
Pedlar	1,678	706	42.1	174	10.4	11	0.6	808	48.2
Warm Springs	2,147	1,093	50.9	118	5.5	2	0.1	938	43.7
TOTAL	12,090	6,399	52.9	939	7.8	14	0.1	4,766	39.4
Jefferson									
Clinch	1,851	1,194	64.5	219	11.8	25	1.4	463	25.0
Eastern Divide	5,236	1,614	30.8	559	10.7	1	0.0	3,064	58.5
Glenwood	1,139	496	43.5	97	8.5	2	0.2	549	48.2
Mt. Rogers	2,630	205	7.8	293	11.1	0	0.0	2,132	81.1
TOTAL	10,856	3,508	32.3	1,168	10.8	28	0.3	6,208	57.2
Cherokee									
Nolichucky	3,927	1,071	27.3	222	5.6	3	0.1	2,636	67.1
Ocoee	1,696	1,203	70.9	76	4.5	0	0.0	418	24.6
Tellico	1,507	886	58.8	217	14.4	0	0.0	404	26.8
Watauga	4,053	924	22.8	284	7.0	0	0.0	2,845	70.2
TOTAL	11,183	4,084	36.5	798	7.1	3	0.0	6,304	56.4
Pisgah									
Appalachian	3,968	773	19.5	315	7.9	2	0.0	2,882	72.6
Grandfather	2,330	437	18.7	138	5.9	0	0.0	1,755	75.3
Pisgah	1,706	144	8.4	115	6.7	0	0.0	1,447	84.8
TOTAL	8,004	1,353	16.9	568	7.1	2	0.0	6,085	76.0
Nantahala									
Cheoah	1,768	269	15.2	355	20.1	0	0.0	1,144	64.7
Nantahala-Highlands	1,638	113	6.9	111	6.8	0	0.0	1,414	86.3
Nantahala-Wayah	2,573	603	23.4	156	6.1	0	0.0	1,815	70.5
Tusquitee	2,999	1,387	46.2	105	3.5	0	0.0	1,507	50.2
TOTAL	8,978	2,371	26.4	728	8.1	0	0.0	5,879	65.5
Chattahoochee									
Blue Ridge	3,285	1,467	44.7	1	0.0	0	0.0	1,817	55.3
Chattooga River	2,371	1,101	46.4	42	1.8	0	0.0	1,228	51.8
Conasauga	3,362	2,331	69.3	0	0.0	0	0.0	1,031	30.7
TOTAL	9,017	4,899	54.3	42	0.5	0	0.0	4,076	45.2
Sumter									
Andrew Pickens	906	605	66.8	0	0.0	0	0.0	301	33.2
TOTAL	906	605	66.8	0	0.0	0	0.0	301	33.2