

Appendix E. Implementation Analysis

#	SUB-WATERSHED NAME (HUC 12)	USFS acres	Total acres	% USFS	acres										Road /5		Stream		Boundary
					"Unchar" 1/	"suit" 2/	Late Closed 3/	"suit" 2/	Mid Closed 4/	"suit" 2/	Early Seral	Wilderness	Density	Density	total miles				
1	Painter Spring Branch-South Holston River	24,422	36,215	67%	852	781	13,162	10,624	4,389	3,083	485		2.16	4.6	546				
2	Stoney Creek	24,099	37,700	64%	1,288	248	11,458	3,249	5,066	1,577	203	2,470	0.89	4.0	144				
3	Beaverdam Creek-Laurel Creek	23,858	41,005	58%	1,390	646	11,792	5,598	7,502	3,985	644		1.71	4.1	120				
4	North Indian Creek	22,194	37,911	59%	3,571	1,878	8,241	4,826	5,364	2,634	202	4,467	2.01	4.3	230				
5	Nolichucky River-Clark Creek	20,909	43,042	49%	2,088	1,781	5,140	4,248	5,596	4,186	865	1,810	1.80	4.4	187				
6	French Broad River-Wolf Creek	17,109	25,789	66%	1,734	1,699	7,621	7,303	3,590	3,216	351		1.46	4.7	143				
7	Paint Creek	14,016	16,020	87%	1,137	1,007	6,236	4,465	3,380	2,339	550		2.17	5.0	131				
8	Watauga Lake	13,144	27,198	48%	1,279	459	5,544	1,591	3,834	864	143	6,722	1.01	4.2	288				
9	Laurel Fork	11,864	16,802	71%	1,413	809	4,664	2,285	4,002	2,442	229	2,222	2.24	4.4	109				
10	Gulf Fork Big Creek	11,828	30,853	38%	1,131	1,092	3,212	2,905	4,864	3,691	409		2.39	4.6	166				
11	Elliot Branch-Laurel Creek	9,906	26,262	38%	649	61	4,641	195	3,430	148	219		0.78	4.2	116				
12	Camp Creek	8,962	21,263	42%	351	8	3,477	181	3,627	239	714		0.67	4.3	61				
13	Trail Fork Big Creek	8,391	20,870	40%	568	543	2,571	2,244	4,363	4,149	0		2.48	4.6	128				
14	Martin Creek-Nolichucky River	8,251	16,609	50%	527	346	2,616	951	1,360	674	188		1.17	4.2	65				
15	Doe River Lower	7,925	21,442	37%	419	165	3,482	1,596	2,651	1,690	256		2.05	3.8	135				
16	Pigeon River-Cripple Creek	7,747	24,403	32%	551	253	3,421	1,208	1,223	408	485		1.26	4.2	95				
17	Lower Elk River	7,695	26,076	30%	301	67	3,477	1,552	2,541	1,005	51		1.06	4.1	143				
18	Doe River Upper	6,895	19,416	36%	342	21	3,401	461	1,617	722	21		0.56	3.7	109				
19	Doe Creek	6,494	27,259	24%	310	96	2,887	1,267	1,535	637	47		1.15	5.0	83				
20	South Indian Creek Lower	6,465	12,427	52%	408	376	2,832	2,489	1,407	1,275	45	4	1.29	4.1	76				
21	Gap Creek-Watauga river	6,431	41,873	15%	370	180	2,548	1,775	1,763	1,037	53	1,938	1.08	3.7	96				
22	French Broad River-Long Creek	6,403	21,306	30%	563	563	2,246	2,246	1,111	1,111	244		1.46	3.9	99				
23	Little Doe River	6,121	21,053	29%	196	107	2,877	1,075	2,128	1,002	123		1.70	3.9	115				
24	Buffalo Creek	5,989	24,947	24%	704	459	2,664	1,905	1,258	951	88		1.02	4.1	78				
25	Nolichucky River-Cassi Creek	5,944	21,209	28%	519	43	843	178	2,539	61	6	5,036	0.01	4.1	34				
26	Indian Creek-South Fork Holston River	5,891	31,581	19%	726	726	2,587	2,569	1,456	1,415	64		1.25	5.2	91				
27	Cove Creek	4,874	18,909	26%	425	337	1,998	1,904	884	723	324		1.60	4.1	65				
28	Middle South Indian Creek	4,653	28,142	17%	234	89	1,909	1,249	1,101	735	83	2	0.36	3.5	105				
29	Horse Creek	3,673	13,857	27%	194	51	1,655	353	1,380	130	175	1,097	1.31	3.9	39				
30	Beech Creek-Watauga River	3,518	41,108	9%	205	205	790	787	1,126	1,121	3		0.66	4.5	78				
31	Beidleman Creek-South Fork Holston River	3,047	36,180	8%	237	233	1,461	1,318	679	507	55		1.85	5.9	35				
32	South Holston Lake-South Holston River	2,541	15,164	17%	266	256	933	729	798	634	22		2.44	4.1	46				
33	Town Creek	2,448	18,863	13%	68	68	1,277	1,265	974	974	73		0.28	5.1	25				
34	Rockhouse Run-South Fork Holston River	2,300	12,346	19%	79	24	1,129	144	823	202	90		0.87	4.3	11				
35	Roane Creek Lower	1,996	34,606	6%	482	374	818	811	292	275	17		0.81	3.3	51				
36	Pigeon River-English Creek	1,946	36,382	5%	68	33	940	721	300	247	26		1.76	4.2	14				
37	South Indian Creek Upper	1,898	11,225	17%	52	31	1,240	91	148	30	1		1.23	2.8	75				
38	Big Laurel Creek-Whittop Laurel Creek	1,775	35,867	5%	102	0	674	0	887	0	38		0.90	0.0	23				
39	Pigeon Creek-Nolichucky River	1,666	31,451	5%	149	149	737	736	501	501	134		0.67	4.1	24				
40	Sinking Creek-Nolichucky River	869	40,261	2%	147	144	277	263	157	153	48		2.20	5.2	20				
41	Buck Creek	865	8,731	10%	23	0	188	0	131	28	0		2.47	3.0	38				
42	Richland Creek-Nolichucky River	862	30,084	3%	83	35	359	217	269	59	38		2.05	5.4	7				
43	Sinking Creek	793	8,905	9%	136	136	140	140	387	387	2		0.26	4.9	24				
44	Big Laurel Creek	634	18,979	3%	2	0	270	0	328	0	0		0.39	13.5	11				
45	Cherokee Creek	560	15,162	4%	16	16	111	111	40	40	6		0.04	2.3	17				
46	Cosby Creek	390	37,414	1%	33	33	192	192	77	77	47		0.84	3.0	16				
		340,259	1,184,165	29%	26,389	16,627	140,737	80,017	92,877	51,363	7,868	25,767	1.50	4.29	4,313				

1/ Uncharacteristic vegetation composition = White pine dominant in other than "Pine" Ecological Systems, Yellow Poplar dominant in other than "Cove" Ecological Systems, "Brush" dominant in other than "Balds", Ecological Systems, Oak dominant in "Pine" Ecological Systems, Pine dominant in "Oak" Ecological Systems, and , Spruce-Fir Ecological Systems lacking significant Red Spruce abundance.

2/ suitable for timber production as defined in the CNF LRMP

3/ all late closed classes except Cove and Spruce-Fir ... because they are not much departed

4/ all mid closed classes except Dry Oak, Dry-mesic Oak, Low Elevation Pine, Northern Hardwoodbecause they are not much departed

5/ road and stream density are calculated as miles per square mile