## **Appendix D: Recommended Treatment Acreage**

Recommended treatment by Ecological System

The following table shows the number of acres recommended for treatment by each ecological unit and shows the total number of acres recommended for each type of treatment. Additionally, this table shows the number of acres recommended for treatment within each management prescription described by the current version of the Cherokee National Forest Land and Resource Management Plan.

Ecological System	Acres		Treatment		Early Acres												
Cove Forest (4,5, & 29)	87.9		Regeneration	Cove	43.6												
Montane Oak (8,9,24,28)	127.:		Regeneration	Montane Oak	26.9												
Dry Mesic Oak (13)	162.8			Dry Mesic Oak	25.6												
Dry Oak (10 & 11)	91.1		·	Dry Oak	14.8												
Low Elevation Pine (16)	154.8		Regeneration	Low Elevation Pine	19.4												
Montane Pine (18)	12.3		Regeneration	Montane Pine	0.2												
Total =	630	4	Total=		130.5												
			Treatment	Ecological System	Acres	Early	Open		4.A Acres	7.B Acre	es 7.D	7.E.2	.2	8.C 9	9.F	12.A	
Treatment	Ecological System	Open Acres	Gap Harvest & Thinning	Cove	37.8				2344.5			8.3 236		6956.8			
Woodland Creation	Cove	0.5	Gap Harvest & Thinning	Montane Oak	75.1			Plan Target for early	NA	NA	NA	94-23	.36 7	278.2-556.6 N	NA	NA	
Woodland Creation	Montane Oak	3.9	Gap Harvest & Thinning	Dry Mesic Oak	72.3	14.4	57.9	Results of Committee Recommendations	4.4	4	87.6	0	155	331.1		0	0
Woodland Creation	Dry-Mesic Oak	10	Gap Harvest & Thinning	Dry Oak	46.8						37.0					-	_
Woodland Creation	Dry Oak	9.2	Gap Harvest & Thinning	Low Elevation Pine	65.3												
Woodland Creation	Low Elevation Pine	23	Gap Harvest & Thinning	Montane Pine	0.4		0.4										
Woodland Creation	Montane Pine	9.6	Total=	Workers inc	297.7												
Total =	IVIUTILATIC I INC	56.2	I Utal-		EU		200.0										
Total =		-	Treatment	Ecological System	Open Acres												
Treatment	<b>Ecological System</b>	Early Acres	Thinning	Cove	3.3												
Remove White Pine	Cove	2.7	Thinning	Montane Oak	1.4												
Remove White Pine	Montane Oak	20.3	Thinning	Dry Mesic Oak	1.5												
Remove White Pine	Dry Mesic Oak	54	Thinning	Dry Oak	0.7												
Remove White Pine	Dry Oak	19.7		Low Elevation Pine	1.8												
Remove White Pine	Low Elevation Pine	45.2	Thinning	Montane Pine	0												
Remove White Pine	Montane Pine	2.1	Total=		8.7												
Total =		144															
Ecological System	Class Change	Acres	Total Early from Lagging	Total Open from Logg		Total Early from Fire	O C Acros	7 B Acre	s 7.E.2 Acres	4 A acr							
Cove	S-Class Change		Total Early from Logging	Total Open from Loggii  9 303.2		10tal Early from Fire 254	8.C Acres 179.3				.S						
Cove	mid to early (including u-class mid closed to mid open	34	300.0	303.2	<del>                                     </del>	254	1/5.5	31.	20.0		0						
Cove Montane Oak	late closed to early	41.9															
Montane Oak	U-class to early	20.3															
Montane Oak	late closed to late open	65.4															
Dry Mesic Oak	II alaaska aaulu		- · · · · · · · · · · · · · · · · · · ·		+-								#				
	U-class to early	54	•			Early Acres							=				
Dry Mesic Oak	late closed to early	40	7.E.2	Gap Harvest and Thinning	53.3	10.6											
Dry Mesic Oak	late closed to early late closed to late open	40 69.4	7.E.2 7.E.2	Gap Harvest and Thinning White Pine Plantation	53.3 108	10.6 108											
	late closed to early	40	7.E.2 7.E.2 7.E.2	Gap Harvest and Thinning	53.3	10.6 108											
Dry Mesic Oak	late closed to early late closed to late open	40 69.4 19.7 24.2	7.E.2 7.E.2 7.E.2 7.B	Gap Harvest and Thinning White Pine Plantation	53.3 108 15.6 2.2	10.6 108 15.6 2.2											
Dry Mesic Oak Dry Oak	late closed to early late closed to late open U-class to early	40 69.4 19.7	7.E.2 7.E.2 7.E.2	Gap Harvest and Thinning White Pine Plantation Regeneration	53.3 108 15.6	10.6 108 15.6 2.2 33.7											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine	late closed to early late closed to late open U-class to early late closed to early	40 69.4 19.7 24.2	7.E.2 7.E.2 7.E.2 7.B 7.B	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration	53.3 108 15.6 2.2	10.6 108 15.6 2.2 33.7											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak	late closed to early late closed to late open U-class to early late closed to early late closed to late open	40 69.4 19.7 24.2 47.5	7.E.2 7.E.2 7.E.2 7.B 7.B 7.B	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation	53.3 108 15.6 2.2 33.7	10.6 108 15.6 2.2 33.7 0											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine	late closed to early late closed to late open U-class to early late closed to early late closed to early late closed to late open U-class to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4	10.6 108 15.6 2.2 33.7 0 7.2 4.4											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine	late closed to early late closed to late open U-class to early late closed to early late closed to late open U-class to early late closed to late open U-class to early	40 69.4 19.7 24.2 47.5 45.2 32.4	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Low Elevation Pine	late closed to early late closed to late open U-class to early late closed to early late closed to late open U-class to early late closed to early late closed to early late closed to late open	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Whodland Gap Harvest and Thinning Gap Harvest and Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early late closed to early late closed to early late closed to late open U-class to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early Late closed to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning Regeneration	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6 114.2											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine Montane Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early Late closed to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning Regeneration Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6 114.2											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine Montane Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early Late closed to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning Regeneration Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2 8.5	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6 114.2											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine Montane Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early Late closed to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning Regeneration Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2 8.5	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6 114.2											
Dry Mesic Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine Montane Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early Late closed to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning Regeneration Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2 8.5	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6 114.2											
Dry Mesic Oak Dry Oak Dry Oak Dry Oak Low Elevation Pine Low Elevation Pine Montane Pine Montane Pine Montane Pine	late closed to early late closed to late open U-class to early late closed to late open late closed to late open U-class to early Late closed to early	40 69.4 19.7 24.2 47.5 45.2 32.4 77.1 2.1 0.2	7.E.2 7.E.2 7.B 7.B 7.B 7.B 4.A 8.C 8.C	Gap Harvest and Thinning White Pine Plantation Regeneration Regeneration White Pine Plantation Woodland Gap Harvest and Thinning Gap Harvest and Thinning Gap Harvest and Thinning Regeneration Thinning	53.3 108 15.6 2.2 33.7 2.9 36.1 22.4 185.8 114.2 8.5	10.6 108 15.6 2.2 33.7 0 7.2 4.4 37.6 114.2											

## Acres Recommended for Treatment by Unit

The following table shows the estimated number of acres treated at each site/unit in each ecological system.

Unit Name	Ecological	Acres		Unit Name	Ecological	Acres
	System				System	
Bellcow A	Cove	0.35		Bellcow B	Cove	3.25
	Montane Oak	1.7			Montane Oak	1.6
	Dry Oak	2.6			Dry Oak	0.6
	Dry -Mesic Oak	5.9			Dry Mesic Oak	1.5
	Low El Pine	13.4			Low El Pine	1.8
	Montane Pine	0			Montane Pine	0
		23.95				8.75
Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
Courtland Place 1	Cove	6.6		Courtland Place 2	Cove	30.2
	Montane Oak	2.4			Montane Oak	1.8
	Dry Oak	0.5			Dry Oak	0.5
	Dry Mesic Oak	0			Dry Mesic Oak	0.2
	Low El Pine	0			Low El Pine	0.35
	Montane Pine	0			Montane Pine	0
		9.5				33.05

Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
DKR1	Cove	2.6		DK1	Cove	0.1
	Montane Oak	1.1			Montane Oak	2.6
	Dry Oak	8.8			Dry Oak	5.3
	Dry-Mesic Oak	2.9			Dry-Mesic Oak	3.7
	Low El Pine	0.2			Low El Pine	5.2
	Montane Pine	0			Montane Pine	1.2
		15.6				18.1
Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
DK 2	Cove	0.1		DK 3	Cove	0
	Montane Oak	5.7			Montane Oak	3.9
	Dry Oak	7.4			Dry Oak	2.6
	Dry-Mesic Oak	10.9			Dry-Mesic Oak	24.2
	Low El Pine	7.1			Low El Pine	8.5
	Montane Pine	0.1			Montane Pine	0.7

Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
DK 4	Cove	0		Devil's Kitchen Ridge	Cove	4.2
	Montane Oak	7.6			Montane Oak	6.9
	Dry Oak	3.1			Dry Oak	14.5
	Dry-Mesic Oak	0.9			Dry -Mesic Oak	17.7
	Low El Pine	9.3			Low El Pine	9.7
	Montane Pine	0.1			Montane Pine	0.1
		21				53.1
Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
Little Paint Creek	Cove	5.3		Meadow Ridge 1	Cove	0.2
	Montane Oak	10.7			Montane Oak	7.3
	Dry Oak	5.3			Dry Oak	0.6
	Dry-Mesic Oak	2			Dry-Mesic Oak	7.3
	Low El Pine	10.9			Low El Pine	4.1
	Montane Pine	0.3			Montane Pine	0.2
		34.5				19.7

Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
Meadow Ridge 2	Cove	4.2		Ricker WP	Cove	2.5
	Montane Oak	38.2			Montane Oak	0.5
	Dry Oak	10.9			Dry Oak	1.3
	Dry -Mesic Oak	19.8			Dry-Mesic Oak	14.2
	Low El Pine	5.6			Low El Pine	15.1
	Montane Pine	0			Montane Pine	0.1
		78.7				33.7
Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
Ricker Mountain	Cove	0.5		Rough Branch 1		0.2
	Montane Oak	3.9			Montane Oak	1.3
	Dry Oak	9.2			Dry Oak	3.7
	Dry-Mesic Oak	10.1			Dry-Mesic Oak	2.5
	Low El Pine	23			Low El Pine	4.3
	Montane Pine	9.5			Montane Pine	0
		56.2				12

Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
Rough Branch 2	Cove	3.7		Rough Branch 3	Cove	0
	Montane Oak	12.7			Montane Oak	3.7
	Dry Oak	1.8			Dry Oak	3.2
	Dry-Mesic Oak	8.8			Dry-Mesic Oak	5.9
	Low El Pine	1.4			Low El Pine	32.5
	Montane Pine	0			Montane Pine	0
		28.4				45.3
Unit Name	Ecological System	Acres		Unit Name	Ecological System	Acres
Sawmill Branch	Cove	7.4		Hurricane Gap	Cove	16.5
	Montane Oak	12.3			Montane Oak	1.8
	Dry Oak	5.1			Dry Oak	4.1
	Dry-Mesic Oak	24.3			Dry-Mesic Oak	0
	Low El Pine	2.3			Low El Pine	0
	Montane Pine	0			Montane Pine	0
		51.4				22.4