

Unit 1

Grayson Grouse 1

STAND SUMMARY

1-28-20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 42.6

Basal Area Factor: 10.00 18 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		130.0	117.5	14.2	10.72	10.45
Sampling Error		10.0%	15.6%		14.8%	41.6%
Probable Lower Limit		117.0	99.1		9.14	6.10
Probable Upper Limit		143.0	135.8		12.30	14.80

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	130.0		117.5	14.2		10.72	10.45	456.59	445.21
Yellow Poplar	69.4	53.4%	52.5	15.6	42.8	6.77	7.22	288.45	307.51
chestnut oak	15.6	12.0%	10.7	16.4	29.4	1.31	0.66	55.81	28.12
White Oak	13.3	10.3%	9.9	15.7	27.0	1.11		47.49	
Red Oak	8.3	6.4%	5.1	17.4	30.4	0.82		34.81	
Red Maple	7.8	6.0%	11.6	11.1	21.1	0.29	0.60	12.26	25.53
Beech	3.3	2.6%	4.8	11.3	10.7	0.04	0.36	1.70	15.18
Hickory	2.8	2.1%	4.1	11.2	19.2	0.08	0.36	3.33	15.18
Black Birch	2.8	2.1%	3.8	11.6	28.8	0.08	0.90	3.25	38.49
sourwood	2.2	1.7%	8.8	6.8	4.0				
black gum	2.2	1.7%	4.4	9.7	16.0	0.07	0.18	2.92	7.59
Sugar Maple	1.1	0.9%	1.4	12.0	16.0	0.03	0.18	1.22	7.59
Scarlet Oak	0.6	0.4%	0.2	26.0	32.0	0.07		2.92	
Black Oak	0.6	0.4%	0.3	20.0	32.0	0.06		2.44	



STAND SUMMARY

1-21-20

STAND 1 YP Stand

Sampling Method: Variable Radius Plots

ACRES 36.3

Basal Area Factor: 10.00 13 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		123.8	133.1	13.1	9.44	10.45
Sampling Error		8.6%	26.8%		18.1%	42.2%
Probable Lower Limit		113.2	97.5		7.73	6.04
Probable Upper Limit		134.5	168.7		11.15	14.86

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME		
					MBF	TONS	MBF	TONS	
	123.8	133.1	13.1		9.44	10.45	342.69	379.20	
Yellow Poplar	60.0	48.4%	41.3	16.3	44.3	5.92	7.12	214.92	258.44
chestnut oak	14.6	11.8%	10.4	16.0	23.2	1.11		40.29	
Red Maple	13.1	10.6%	19.5	11.1	19.3	0.42	1.83	15.29	66.27
Hickory	8.5	6.8%	13.8	10.6	25.5	0.36	0.76	13.10	27.62
Red Oak	7.7	6.2%	8.0	13.3	24.0	0.65		23.47	
Black Oak	4.6	3.7%	2.4	18.6	34.7	0.47		17.10	
White Oak	4.6	3.7%	4.1	14.3	18.7	0.24	0.25	8.72	8.96
black gum	2.3	1.9%	7.5	7.5	10.7		0.25		8.96
Scarlet Oak	2.3	1.9%	1.7	15.6	26.7	0.19	0.25	6.92	8.96
Sassafras	2.3	1.9%	7.5	7.5	0.0				
sourwood	0.8	0.6%	2.9	7.0	0.0				
Beech	0.8	0.6%	3.9	6.0	0.0				
flowering dogwood	0.8	0.6%	3.9	6.0	0.0				
Sugar Maple	0.8	0.6%	5.6	5.0	0.0				
Basswood	0.8	0.6%	0.4	20.0	32.0	0.08		2.87	



STAND SUMMARY

3/4/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 10.8

Basal Area Factor: 10.00 8 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		127.5	142.3	12.8	9.01	20.72
Sampling Error		19.1%	26.3%		27.3%	45.8%
Probable Lower Limit		103.1	104.9		6.54	11.23
Probable Upper Limit		151.9	179.6		11.47	30.21

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
		%				MBF	TONS	MBF	TONS
	127.5		142.3	12.8		9.01	20.72	96.83	222.73
Yellow Poplar	97.5	76.5%	85.3	14.5	41.9	7.72	17.48	82.98	187.90
Red Maple	13.8	10.8%	39.8	8.0	14.5	0.20	2.44	2.13	26.20
Hickory	3.8	2.9%	2.4	16.8	26.7	0.30		3.25	
chestnut oak	3.8	2.9%	0.9	27.4	24.0	0.38		4.10	
Red Oak	2.5	2.0%	0.6	26.9	32.0	0.31		3.38	
White Oak	1.3	1.0%	4.7	7.0	0.0				
Beech	1.3	1.0%	3.6	8.0	0.0				
American Elm	1.3	1.0%	1.9	11.0	16.0		0.40		4.31
Sassafras	1.3	1.0%	2.3	10.0	16.0		0.40		4.31
Sugar Maple	1.3	1.0%	0.8	17.0	24.0	0.09		1.00	



STAND SUMMARY

3/4/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 5.3

Basal Area Factor: 10.00 6 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		133.3	230.0	10.3	6.12	18.85
Sampling Error		23.7%	24.1%		34.7%	62.3%
Probable Lower Limit		101.7	174.5		4.00	7.10
Probable Upper Limit		164.9	285.5		8.25	30.59

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG HHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
	BA	%				MBF	TONS	MBF	TONS
	133.3		230.0	10.3		6.12	18.85	32.14	98.95
chestnut oak	35.0	26.3%	33.9	13.7	26.3	1.82	4.69	9.53	24.62
Red Maple	23.3	17.5%	94.4	6.7	10.9	0.12	3.58	0.65	18.77
Yellow Poplar	21.7	16.3%	17.7	15.0	43.1	1.74	3.11	9.14	16.30
Hickory	18.3	13.8%	36.6	9.6	27.6	0.76	2.98	3.98	15.63
Scarlet Oak	11.7	8.8%	9.8	14.8	26.3	0.78	0.37	4.09	1.95
Black Oak	10.0	7.5%	12.4	12.2	28.0	0.38	2.32	2.01	12.17
White Oak	10.0	7.5%	10.4	13.3	25.3	0.52	0.91	2.74	4.78
Red Oak	3.3	2.5%	14.7	6.4	16.0		0.90		4.72



STAND SUMMARY

2/20/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 8.4

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		132.9	188.5	11.4	5.97	11.64
Sampling Error		27.5%	59.1%		35.8%	70.6%
Probable Lower Limit		96.4	77.1		3.83	3.42
Probable Upper Limit		169.4	299.9		8.12	19.86

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	132.9		188.5	11.4		5.97	11.64	50.19	97.77
Red Maple	42.9	32.3%	89.3	9.4	16.0	1.05	4.80	8.80	40.31
chestnut oak	35.7	26.9%	35.1	13.7	19.8	2.09	1.69	17.57	14.18
Hickory	19.7	11.8%	19.5	12.2	26.2	0.60	3.09	5.04	25.96
Yellow Poplar	11.4	8.6%	12.2	13.1	36.0	1.02	1.09	8.57	9.15
black gum	7.1	5.4%	13.3	9.9	9.6	0.13	0.46	1.12	3.85
Black Oak	5.7	4.3%	3.4	17.6	16.0	0.34		2.87	
White Oak	5.7	4.3%	3.6	17.1	20.0	0.37		3.08	
pine	5.7	4.3%	5.9	13.3	28.0	0.29	0.51	2.46	4.32
Black Birch	1.4	1.1%	5.3	7.0	0.0				
Scarlet Oak	1.4	1.1%	0.8	18.0	16.0	0.08		0.68	



STAND SUMMARY

3/12/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 8.9

Basal Area Factor: 10.00 4 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		132.5	152.0	12.6	7.28	11.25
Sampling Error		28.4%	44.6%		30.6%	88.9%
Probable Lower Limit		94.9	84.2		5.05	1.24
Probable Upper Limit		170.1	219.7		9.51	21.25

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
					MBF	TONS	MBF	TONS
	132.5	152.0	12.6		7.28	11.25	64.81	100.11
chestnut oak	60.0 45.3%	41.9	16.2	22.0	3.73	4.07	33.19	36.20
Red Maple	27.5 20.8%	75.7	8.2	16.7	0.19	6.71	1.65	59.71
Hickory	12.5 9.4%	8.7	16.2	22.4	0.82		7.32	
Scarlet Oak	10.0 7.5%	4.6	20.0	22.0	0.67		6.00	
Yellow Poplar	5.0 3.8%	1.8	22.4	44.0	0.63	0.47	5.56	4.21
Black Oak	5.0 3.8%	1.8	22.4	36.0	0.61		5.44	
White Oak	5.0 3.8%	2.2	20.5	28.0	0.48		4.27	
black gum	5.0 3.8%	13.9	8.1	0.0				
Beech	2.5 1.9%	1.1	20.0	16.0	0.15		1.37	



STAND SUMMARY

3/19/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 10.8

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		145.7	201.5	11.5	7.58	12.65
Sampling Error		20.7%	26.3%		36.4%	71.8%
Probable Lower Limit		115.6	148.5		4.82	3.57
Probable Upper Limit		175.9	254.6		10.34	21.74

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG HHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	145.7		201.5	11.5		7.58	12.65	81.90	136.67
chestnut oak	54.3	37.3%	44.9	14.9	23.2	2.99	4.26	32.28	46.05
Yellow Poplar	40.0	27.5%	33.2	14.9	37.1	3.18	4.55	34.32	49.15
black gum	14.3	9.8%	49.7	7.3	9.6		1.83		19.80
Hickory	11.4	7.8%	33.6	7.9	16.0	0.29	1.23	3.10	13.34
Red Maple	10.0	6.9%	25.5	8.5	11.4	0.18	0.77	1.92	8.33
Scarlet Oak	4.3	2.9%	1.7	21.4	26.7	0.41		4.39	
Black Oak	2.9	2.0%	1.5	18.5	16.0	0.17		1.80	
White Oak	2.9	2.0%	2.1	15.9	20.0	0.17		1.85	
Black Birch	2.9	2.0%	5.3	10.0	8.0	0.07		0.75	
sourwood	1.4	1.0%	3.2	9.0	0.0				
pine	1.4	1.0%	1.0	16.0	40.0	0.14		1.50	



STAND SUMMARY

STAND 1

Sampling Method: Variable Radius Plots

ACRES 10.0

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		110.0	120.9	12.9	6.58	9.71
Sampling Error		30.3%	45.3%		28.5%	87.9%
Probable Lower Limit		76.7	66.2		4.70	1.17
Probable Upper Limit		143.3	175.6		8.45	18.25

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
		%				MBF	TONS	MBF	TONS
	110.0		120.9	12.9		6.58	9.71	65.62	96.94
Hickory	27.1	24.7%	38.0	11.4	28.6	1.25	4.27	12.47	42.63
chestnut oak	24.3	22.1%	25.5	13.2	21.2	1.26	2.00	12.53	19.96
Yellow Poplar	18.6	16.9%	12.1	16.8	43.1	1.77	1.74	17.65	17.37
White Oak	17.1	15.6%	7.5	20.5	20.7	1.30		12.94	
Red Maple	12.9	11.7%	19.5	11.0	17.8	0.32	1.70	3.18	16.98
Black Oak	5.7	5.2%	2.1	22.5	26.0	0.55		5.44	
black gum	2.9	2.6%	15.8	5.8	0.0				
Red Oak	1.4	1.3%	0.4	25.0	24.0	0.14		1.39	



STAND SUMMARY

STAND 1

Sampling Method: Variable Radius Plots

ACRES 17.3

Basal Area Factor: 10.00 10 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		130.0	141.6	13.0	8.54	10.32
Sampling Error		16.4%	36.7%		20.1%	63.2%
Probable Lower Limit		108.7	89.5		6.82	3.80
Probable Upper Limit		151.3	193.6		10.26	16.85

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	130.0		141.6	13.0		8.54	10.32	147.39	178.19
chestnut oak	33.0	25.4%	36.9	12.8	24.2	2.00	2.67	34.55	46.02
Hickory	22.0	16.9%	32.9	11.1	24.0	0.83	3.75	14.33	64.81
Yellow Poplar	19.0	14.6%	12.1	17.0	42.1	2.13	0.70	36.77	12.00
White Oak	18.0	13.8%	10.9	17.4	30.7	1.58	0.22	27.36	3.84
Black Oak	11.0	8.5%	6.4	17.7	26.9	0.90	0.48	15.45	8.22
Scarlet Oak	9.0	6.9%	4.0	20.3	24.9	0.77	0.23	13.34	3.95
Red Maple	8.0	6.2%	20.2	8.5	10.0		1.51		26.14
Sugar Maple	5.0	3.8%	10.6	9.3	16.0	0.15	0.55	2.51	9.56
Red Oak	3.0	2.3%	0.9	24.4	16.0	0.18		3.09	
black gum	1.0	0.8%	5.1	6.0	0.0				
Beech	1.0	0.8%	1.5	11.0	8.0		0.21		3.66



STAND SUMMARY

5/20/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 19.5

Basal Area Factor: 10.00 9 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		125.6	209.5	10.5	6.10	11.07
Sampling Error		12.7%	30.9%		25.1%	60.0%
Probable Lower Limit		109.7	144.7		4.57	4.43
Probable Upper Limit		141.5	274.3		7.63	17.71

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	125.6		209.5	10.5		6.10	11.07	118.90	215.79
chestnut oak	32.2	25.7%	31.8	13.6	19.6	2.00	1.07	39.07	20.84
Yellow Poplar	30.0	23.9%	44.2	11.2	37.9	1.87	5.61	36.42	109.41
Red Maple	26.7	21.2%	94.7	7.2	9.0	0.20	3.01	3.84	58.63
Hickory	14.4	11.5%	13.8	13.9	17.2	0.61	0.58	11.90	11.33
Black Oak	7.8	6.2%	5.0	16.9	20.6	0.45	0.61	8.69	11.95
White Oak	6.7	5.3%	11.3	10.4	21.3	0.48		9.40	
Scarlet Oak	3.3	2.7%	1.3	21.5	16.0	0.20		3.98	
black gum	1.1	0.9%	0.5	20.0	16.0	0.07		1.34	
Sugar Maple	1.1	0.9%	0.4	22.0	32.0	0.12		2.40	
Basswood	1.1	0.9%	0.8	16.0	48.0	0.10	0.19	1.87	3.63
Slippery Elm	1.1	0.9%	5.7	6.0	0.0				



STAND SUMMARY

4/20/20

STAND 1 Burnt 2019

Sampling Method: Variable Radius Plots

ACRES 20.4

Basal Area Factor: 10.00 9 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		127.8	186.0	11.2	8.10	13.70
Sampling Error		13.7%	29.0%		18.2%	59.5%
Probable Lower Limit		110.3	132.1		6.62	5.54
Probable Upper Limit		145.3	239.9		9.58	21.85

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG HGT	VOLUME PER ACRE		TOTAL STAND VOLUME		
					MBF	TONS	MBF	TONS	
	127.8	186.0	11.2		8.10	13.70	165.06	278.98	
Hickory	40.0	31.3%	71.2	10.2	24.0	2.04	3.56	41.51	72.52
Yellow Poplar	38.9	30.4%	42.8	12.9	38.2	3.05	6.23	62.15	126.81
Red Maple	17.8	13.9%	30.7	10.3	21.0	0.70	2.59	14.17	52.83
chestnut oak	7.8	6.1%	11.2	11.3	20.6	0.54		10.93	
White Oak	7.8	6.1%	3.7	19.7	34.3	0.85		17.27	
black gum	5.6	4.3%	15.0	8.2	16.0	0.04	1.32	0.83	26.82
Red Oak	4.4	3.5%	3.0	16.6	34.0	0.45		9.24	
pine	3.3	2.6%	2.5	15.6	45.3	0.33		6.76	
sourwood	1.1	0.9%	5.7	6.0	0.0				
Black Oak	1.1	0.9%	0.3	25.0	24.0	0.11		2.21	



STAND SUMMARY

4/16/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 19.1

Basal Area Factor: 10.00 9 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		124.4	150.3	12.3	8.87	13.25
Sampling Error		15.2%	36.2%		24.8%	52.3%
Probable Lower Limit		105.6	95.9		6.67	6.33
Probable Upper Limit		143.3	204.7		11.06	20.18

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
		124.4	150.3	12.3		8.87	13.25	169.34	253.09
Yellow Poplar	48.9	39.3%	38.4	15.3	42.4	4.73	5.66	90.28	108.02
Red Maple	20.0	16.1%	37.9	9.8	21.3	0.73	3.40	13.86	65.02
chestnut oak	14.4	11.6%	6.1	20.9	28.3	1.42		27.18	
Hickory	12.2	9.8%	14.5	12.4	26.9	0.68	1.45	13.04	27.64
black gum	8.9	7.1%	30.7	7.3	8.0		0.96		18.26
White Oak	5.6	4.5%	5.0	14.2	25.6	0.51		9.72	
Black Oak	5.6	4.5%	4.9	14.4	25.6	0.34	0.61	6.51	11.60
pine	3.3	2.7%	3.6	13.1	53.3	0.24	0.93	4.55	17.82
Sugar Maple	3.3	2.7%	5.2	10.8	16.0	0.10	0.25	1.99	4.73
Beech	1.1	0.9%	0.7	17.0	40.0	0.12		2.21	
sourwood	1.1	0.9%	3.2	8.0	0.0				



STAND SUMMARY

4/28

STAND 1

Sampling Method: Variable Radius Plots

ACRES 11.8

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		122.9	155.8	12.0	9.83	3.45
Sampling Error		22.0%	28.1%		40.5%	64.4%
Probable Lower Limit		95.8	112.1		5.85	1.23
Probable Upper Limit		149.9	199.6		13.81	5.68

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
					MBF	TONS	MBF	TONS
	122.9	155.8	12.0		9.83	3.45	115.83	40.66
chestnut oak	25.7 20.9%	12.5	19.4	25.3	2.25	0.27	26.49	3.18
White Oak	25.7 20.9%	15.1	17.7	30.2	2.54		29.95	
Black Oak	17.1 14.0%	11.0	16.9	30.7	1.56	0.78	18.32	9.20
Yellow Poplar	11.4 9.3%	3.9	23.3	35.0	1.36		16.00	
Red Maple	8.6 7.0%	28.2	7.5	8.0		1.40		16.52
Scarlet Oak	8.6 7.0%	4.4	18.9	34.7	0.94		11.02	
Hickory	8.6 7.0%	5.6	16.8	33.3	0.76	0.32	8.99	3.75
sourwood	7.1 5.8%	42.8	5.5	0.0				
Sugar Maple	5.7 4.7%	27.6	6.2	12.0	0.11	0.22	1.24	2.61
Red Oak	1.4 1.2%	1.0	16.0	24.0	0.10		1.18	
Bigtooth Aspen	1.4 1.2%	0.5	24.0	48.0	0.22		2.64	
black gum	1.4 1.2%	3.2	9.0	16.0		0.46		5.40



STAND SUMMARY

3/3/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 12.9

Basal Area Factor: 10.00 9 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		103.3	113.9	12.9	5.68	8.92
Sampling Error		11.8%	27.1%		19.4%	41.5%
Probable Lower Limit		91.2	83.0		4.58	5.22
Probable Upper Limit		115.5	144.7		6.78	12.63

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
		%				MBF	TONS	MBF	TONS
	103.3		113.9	12.9		5.68	8.92	73.18	114.90
Yellow Poplar	28.9	28.0%	34.5	12.4	33.2	1.71	4.20	22.02	54.05
White Oak	26.7	25.8%	23.8	14.3	20.0	1.60	0.25	20.59	3.27
Hickory	16.7	16.1%	21.6	11.9	25.1	0.80	1.47	10.26	18.92
Red Maple	7.8	7.5%	12.8	10.6	16.0	0.10	1.66	1.34	21.43
chestnut oak	7.8	7.5%	4.8	17.2	22.9	0.58		7.47	
Black Oak	5.6	5.4%	3.7	16.7	28.8	0.46		5.88	
Scarlet Oak	4.4	4.3%	1.7	21.6	16.0	0.29		3.76	
pine	4.4	4.3%	5.3	12.4	32.0	0.14	1.34	1.87	17.22
black gum	1.1	1.1%	5.7	6.0	0.0				



STAND SUMMARY

4/28

STAND 1

Sampling Method: Variable Radius Plots

ACRES 8.4

Basal Area Factor: 10.00 5 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		138.0	146.4	13.1	8.68	8.39
Sampling Error		22.4%	46.7%		29.4%	71.9%
Probable Lower Limit		107.1	78.0		6.13	2.36
Probable Upper Limit		168.9	214.8		11.23	14.42

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	138.0		146.4	13.1		8.68	8.39	72.92	70.47
chestnut oak	56.0	40.6%	29.4	18.7	19.4	3.53	1.54	29.67	12.91
Hickory	26.0	18.8%	34.8	11.7	29.5	1.15	4.72	9.63	39.65
White Oak	16.0	11.6%	6.0	22.0	29.0	1.67		14.01	
Yellow Poplar	14.0	10.1%	9.8	16.1	48.0	1.28	2.13	10.75	17.91
Red Maple	10.0	7.2%	39.2	6.8	3.2				
Black Oak	4.0	2.9%	2.5	17.0	40.0	0.42		3.55	
Red Oak	4.0	2.9%	1.0	26.5	44.0	0.63		5.31	
sourwood	4.0	2.9%	10.3	8.5	0.0				
Green Ash	2.0	1.4%	7.5	7.0	0.0				
black gum	2.0	1.4%	5.7	8.0	0.0				



STAND SUMMARY

STAND 1

Sampling Method: Variable Radius Plots

ACRES 13.3

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		95.7	129.9	11.6	6.55	7.57
Sampling Error		32.0%	51.3%		18.5%	87.0%
Probable Lower Limit		65.1	63.2		5.34	0.98
Probable Upper Limit		126.3	196.5		7.76	14.16

SPECIES COMPOSITION

	BA	%	TPA	AVG DBH	AVG HGT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	95.7		129.9	11.6		6.55	7.57	86.79	100.29
Yellow Poplar	37.1	38.8%	25.5	16.3	37.2	3.67	3.60	48.69	47.71
Sugar Maple	11.4	11.9%	18.0	10.8	14.0	0.40	0.46	5.35	6.07
Hickory	11.4	11.9%	15.9	11.5	24.0	0.56	1.02	7.45	13.56
Red Maple	11.4	11.9%	25.0	9.2	19.0	0.29	2.30	3.86	30.51
White Oak	8.6	9.0%	3.5	21.1	24.0	0.72		9.59	
Red Oak	5.7	6.0%	2.8	19.5	30.0	0.59	0.18	7.88	2.43
black gum	2.9	3.0%	11.6	6.7	0.0				
Black Oak	2.9	3.0%	1.2	20.5	32.0	0.30		3.97	
Sassafras	2.9	3.0%	21.0	5.0	0.0				
Beech	1.4	1.5%	5.3	7.0	0.0				



STAND SUMMARY

4/24

STAND 1

Sampling Method: Variable Radius Plots

ACRES 10.8

Basal Area Factor: 10.00 6 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		91.7	186.3	9.5	3.94	7.93
Sampling Error		23.4%	27.8%		47.0%	57.4%
Probable Lower Limit		70.2	134.6		2.09	3.38
Probable Upper Limit		113.1	238.1		5.79	12.48

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
					MBF	TONS	MBF	TONS
	91.7	186.3	9.5		3.94	7.93	42.54	85.70
Hickory	46.7 50.9%	115.9	8.6	18.0	1.48	5.31	16.01	57.39
Yellow Poplar	15.0 16.4%	14.9	13.6	32.9	1.06	1.34	11.43	14.46
Red Oak	6.7 7.3%	5.4	15.0	30.0	0.51		5.47	
Red Maple	6.7 7.3%	28.3	6.6	10.0		1.28		13.84
White Oak	6.7 7.3%	4.3	17.0	26.0	0.54		5.87	
Black Oak	3.3 3.6%	1.5	20.5	20.0	0.20		2.20	
Beech	1.7 1.8%	4.8	8.0	0.0				
sourwood	1.7 1.8%	4.8	8.0	0.0				
chestnut oak	1.7 1.8%	0.5	26.0	16.0	0.14		1.56	
black gum	1.7 1.8%	6.2	7.0	0.0				



STAND SUMMARY

4/22

STAND 1 Been burnt, good

Sampling Method: Variable Radius Plots

ACRES 17.6

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		110.0	137.5	12.1	6.82	6.08
Sampling Error		18.2%	50.3%		26.1%	73.2%
Probable Lower Limit		90.0	68.3		5.04	1.63
Probable Upper Limit		130.0	206.6		8.60	10.52

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG HGT	VOLUME PER ACRE		TOTAL STAND VOLUME	
					MBF	TONS	MBF	TONS
	110.0	137.5	12.1		6.82	6.08	119.69	106.64
Hickory	25.7 23.4%	48.3	9.9	23.6	1.18	2.19	20.78	38.41
White Oak	25.7 23.4%	18.2	16.1	24.4	1.85	0.46	32.55	8.04
chestnut oak	25.7 23.4%	17.5	16.4	25.8	1.88	1.42	33.00	24.92
Black Oak	11.4 10.4%	5.8	19.0	32.0	1.14		20.05	
Red Maple	7.1 6.5%	21.2	7.9	11.2	0.16	0.46	2.78	8.04
Yellow Poplar	4.3 3.9%	4.4	13.3	48.0	0.28	1.09	4.86	19.18
Red Oak	2.9 2.6%	6.7	8.8	8.0		0.46		8.04
black gum	2.9 2.6%	6.2	9.2	12.0	0.11		1.96	
sourwood	1.4 1.3%	7.3	6.0	0.0				
Scarlet Oak	1.4 1.3%	0.7	20.0	32.0	0.15		2.58	
Sugar Maple	1.4 1.3%	1.3	14.0	16.0	0.06		1.12	



STAND SUMMARY

4/30

STAND 1 Bad regen

Sampling Method: Variable Radius Plots

ACRES 9.8

Basal Area Factor: 10.00 7 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		122.9	143.4	12.5	7.50	7.04
Sampling Error		13.5%	43.9%		35.3%	63.5%
Probable Lower Limit		106.2	80.4		4.85	2.57
Probable Upper Limit		139.5	206.3		10.14	11.52

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME		
					MBF	TONS	MBF	TONS	
	122.9	143.4	12.5		7.50	7.04	73.45	69.03	
White Oak	34.3	27.9%	17.3	19.1	22.7	2.64	25.84		
Hickory	30.0	24.4%	46.0	10.9	26.7	1.97	2.21	19.31	21.62
Red Maple	20.0	16.3%	44.9	9.0	12.0	0.27	2.66	2.61	26.04
pine	11.4	9.3%	5.7	19.1	33.0	1.11	0.30	10.90	2.92
chestnut oak	10.0	8.1%	6.0	17.5	18.3	0.60	0.64	5.91	6.27
Black Oak	4.3	3.5%	2.6	17.5	21.3	0.30		2.90	
Yellow Poplar	4.3	3.5%	1.8	20.8	34.7	0.47		4.62	
sourwood	1.4	1.2%	3.2	9.0	0.0				
Beech	1.4	1.2%	0.3	28.0	0.0				
black gum	1.4	1.2%	10.5	5.0	0.0				
Red Oak	1.4	1.2%	1.0	16.0	40.0	0.14		1.36	
Sugar Maple	1.4	1.2%	2.6	10.0	16.0		0.46		4.49
Bigtooth Aspen	1.4	1.2%	1.3	14.0	32.0		0.79		7.69



STAND SUMMARY

5/6/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 20.1

Basal Area Factor: 10.00 10 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		124.0	183.2	11.1	6.95	10.41
Sampling Error		15.4%	17.9%		15.8%	51.9%
Probable Lower Limit		104.9	150.5		5.85	5.01
Probable Upper Limit		143.1	216.0		8.05	15.81

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	124.0		183.2	11.1		6.95	10.41	139.66	209.22
Yellow Poplar	26.0	21.0%	34.0	11.8	36.6	2.10	2.40	42.17	48.28
Red Maple	23.0	18.5%	62.8	8.2	15.3	0.32	4.24	6.41	85.22
chestnut oak	21.0	16.9%	11.6	18.2	21.3	1.44		29.03	
White Oak	17.0	13.7%	8.8	18.8	22.6	1.22		24.43	
Hickory	15.0	12.1%	34.5	8.9	19.2	0.29	3.09	5.85	62.17
Red Oak	10.0	8.1%	5.5	18.3	29.6	0.85	0.23	17.07	4.54
Black Oak	5.0	4.0%	2.5	19.3	32.0	0.51		10.22	
black gum	4.0	3.2%	20.4	6.0	8.0	0.09		1.78	
Sugar Maple	2.0	1.6%	2.8	11.5	12.0		0.45		9.00
Scarlet Oak	1.0	0.8%	0.5	20.0	48.0	0.13		2.70	



STAND SUMMARY

5/12/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 4.8

Basal Area Factor: 10.00 4 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		132.5	210.6	10.7	4.35	17.40
Sampling Error		34.5%	52.0%		72.2%	71.6%
Probable Lower Limit		86.8	101.1		1.21	4.94
Probable Upper Limit		178.2	320.2		7.48	29.86

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG HGT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	132.5		210.6	10.7		4.35	17.40	20.99	84.06
Hickory	32.5	24.5%	41.0	12.1	21.5	1.38	4.09	6.66	19.77
chestnut oak	27.5	20.8%	30.3	12.9	26.2	1.04	5.27	5.03	25.43
Beech	20.0	15.1%	20.1	13.5	9.0	0.45		2.18	
Red Maple	15.0	11.3%	57.3	6.9	16.0	0.09	2.70	0.44	13.03
White Oak	10.0	7.5%	11.3	12.7	30.0	0.47	2.40	2.25	11.57
sourwood	7.5	5.7%	19.6	8.4	5.3		0.80		3.87
Black Oak	5.0	3.8%	5.1	13.5	32.0	0.25	1.35	1.19	6.52
black gum	5.0	3.8%	13.1	8.4	8.0		0.80		3.87
Yellow Poplar	2.5	1.9%	1.3	19.0	32.0	0.25		1.19	
Sugar Maple	2.5	1.9%	1.4	18.0	16.0	0.14		0.69	
Scarlet Oak	2.5	1.9%	9.4	7.0	0.0				
Red Oak	2.5	1.9%	0.9	22.0	32.0	0.28		1.37	



STAND SUMMARY

5/12/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 7.8

Basal Area Factor: 10.00

5 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		104.0	174.7	10.4	3.86	18.98
Sampling Error		28.8%	59.4%		44.6%	77.8%
Probable Lower Limit		74.1	71.0		2.14	4.12
Probable Upper Limit		133.9	278.4		5.58	33.04

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG HHT	VOLUME PER ACRE		TOTAL STAND VOLUME		
					MBF	TONS	MBF	TONS	
	104.0	174.7	10.4		3.86	18.98	30.09	144.77	
White Oak	22.0	21.2%	29.5	11.7	21.8	0.72	3.29	5.64	25.65
Yellow Poplar	20.0	19.2%	31.2	10.8	40.0	1.24	3.80	9.68	29.62
chestnut oak	16.0	15.4%	18.4	12.6	25.0	0.85	1.54	6.61	11.97
Hickory	14.0	13.5%	35.5	8.5	20.6	0.15	3.32	1.21	25.84
Red Maple	12.0	11.5%	26.0	9.2	16.0	0.07	2.61	0.57	20.34
Scarlet Oak	8.0	7.7%	8.7	13.0	32.0	0.35	2.16	2.74	16.82
Red Oak	4.0	3.8%	4.2	13.3	32.0	0.19	1.08	1.46	8.41
Black Oak	4.0	3.8%	4.0	13.5	40.0	0.22	0.79	1.73	6.12
black gum	2.0	1.9%	14.7	5.0	0.0				
Sugar Maple	2.0	1.9%	2.5	12.0	8.0	0.06		0.45	



STAND SUMMARY

5/18/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 8.8

Basal Area Factor: 10.00

9 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		105.6	131.5	12.1	6.49	9.32
Sampling Error	17.9%		25.9%		20.4%	43.0%
Probable Lower Limit		86.7	97.5		5.16	5.31
Probable Upper Limit		124.4	165.6		7.81	13.32

SPECIES COMPOSITION

	BA		TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME	
						MBF	TONS	MBF	TONS
	105.6		131.5	12.1		6.49	9.32	57.34	82.37
Hickory	31.1	29.5%	35.0	12.8	30.6	1.84	3.35	16.23	29.64
Yellow Poplar	27.8	26.3%	23.1	14.8	42.9	2.27	4.05	20.11	35.79
White Oak	26.7	25.3%	22.2	14.8	24.3	1.60	1.56	14.14	13.79
Red Oak	4.4	4.2%	4.7	13.1	26.0	0.35		3.11	
Black Oak	4.4	4.2%	3.7	14.8	24.0	0.29		2.59	
Beech	2.2	2.1%	1.1	18.9	16.0	0.13		1.17	
Sugar Maple	2.2	2.1%	13.8	5.4	0.0				
eastern redbud	1.1	1.1%	3.2	8.0	0.0				
American Elm	1.1	1.1%	2.5	9.0	16.0		0.36		3.15
black gum	1.1	1.1%	4.2	7.0	0.0				
flowering dogwood	1.1	1.1%	8.1	5.0	0.0				
sourwood	1.1	1.1%	4.2	7.0	0.0				
Red Maple	1.1	1.1%	5.7	6.0	0.0				



STAND SUMMARY

5/14/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 13.6

Basal Area Factor: 10.00 8 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		117.5	184.3	10.8	4.96	10.69
Sampling Error		24.3%	49.8%		39.5%	50.6%
Probable Lower Limit		89.0	92.6		3.00	5.28
Probable Upper Limit		146.0	276.1		6.92	16.10

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME		
					MBF	TONS	MBF	TONS	
	117.5	184.3	10.8		4.96	10.69	67.53	145.59	
chestnut oak	41.3	35.1%	65.6	10.7	17.9	1.92	2.28	26.10	31.01
White Oak	35.0	29.8%	52.2	11.1	20.9	1.52	3.67	20.64	50.04
Black Oak	10.0	8.5%	13.7	11.6	25.0	0.43	1.62	5.86	22.09
Scarlet Oak	8.8	7.4%	4.8	18.2	20.6	0.54		7.31	
Red Maple	8.8	7.4%	32.5	7.0	13.7	0.05	1.37	0.70	18.69
Hickory	8.8	7.4%	12.8	11.2	26.3	0.29	1.74	3.93	23.76
Red Oak	2.5	2.1%	1.3	18.7	28.0	0.22		3.01	
black gum	1.3	1.1%	1.0	15.0	0.0				
Beech	1.3	1.1%	0.3	26.0	0.0				



STAND SUMMARY

5/18/20

STAND 1

Sampling Method: Variable Radius Plots

ACRES 15.9

Basal Area Factor: 10.00 9 PTS

STATISTICAL ANALYSIS

Confidence Interval	95%	BA	TPA	DBH	VOLUME PER ACRE	
					MBF	TONS
Average		101.1	174.1	10.3	4.73	8.55
Sampling Error		17.2%	31.8%		30.4%	72.3%
Probable Lower Limit		83.7	118.7		3.29	2.37
Probable Upper Limit		118.5	229.5		6.16	14.73

SPECIES COMPOSITION

	BA	TPA	AVG DBH	AVG MHT	VOLUME PER ACRE		TOTAL STAND VOLUME		
					MBF	TONS	MBF	TONS	
	101.1	174.1	10.3		4.73	8.55	74.96	135.60	
Yellow Poplar	21.1	20.9%	17.0	15.1	38.3	1.64	2.50	25.99	39.58
Hickory	20.0	19.8%	46.0	8.9	17.8	0.62	2.28	9.78	36.12
Red Maple	13.3	13.2%	22.1	10.5	13.3	0.33	0.95	5.21	15.08
White Oak	11.1	11.0%	5.4	19.5	20.8	0.78		12.45	
Black Oak	10.0	9.9%	8.7	14.5	38.2	0.68	1.72	10.85	27.21
sourwood	7.8	7.7%	25.9	7.4	2.3		0.36		5.65
Red Oak	5.6	5.5%	10.0	10.1	12.8	0.21	0.26	3.29	4.07
Sugar Maple	3.3	3.3%	7.3	9.2	13.3	0.14		2.14	
black gum	3.3	3.3%	13.2	6.8	8.0		0.50		7.88
Beech	3.3	3.3%	16.9	6.0	13.3	0.12		1.95	
pine	1.1	1.1%	0.8	16.0	48.0	0.12		1.84	
Scarlet Oak	1.1	1.1%	0.8	16.0	32.0	0.09		1.46	

