

16' Log Merchantable Height Stand Table Report

Tract: Copenhagen SMZ Cruiser: RJT & COT Location: Caldwell Parish, LA Owner: McDonald	Baker Land & Timber Management, Inc P.O. Box 5624 Alexandria, LA 71307 Phone: 318-473-8751 Fax: 318-473-4045 E-Mail: roberttassin@bellsouth.net	Total Acres: 16 Number of Plots: 10 Cruise Method: Fixed Saw Plot Size: 0.2 Pulp Plot Size: 0.1 Cruise Date: 3-19-20
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Pine

Loblolly

Pulpwood

<u>Conversion Factors</u>	Tons/MBF:	<i>Doyle</i>	<i>Scribner</i>	<i>Int</i>	Tons/Cunit: 3.33	Avg DBH:	7.5
	Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.70	Avg MerchHt:	36.5
					Cunits/Cord: 0.81		

Number of Trees With Log Length - Total Tract

Total Tract

<i>Dbh</i>	<i>0.5</i>	<i>1</i>	<i>1.5</i>	<i>2</i>	<i>2.5</i>	<i>3</i>	<i>3.5</i>	<i>4</i>	<i>4.5</i>	<i>5</i>	<i>5.5+</i>	<i>Tot</i>	<i>Tons</i>	<i>Cords</i>	<i>DMBF</i>	<i>Cunits</i>
6				16								16	2	1	0	1
8				16	32							48	12	5	0	4
7.5				32	32							64	14	5	0	4

Sawtimber

<u>Conversion Factors</u>	Tons/MBF:	<i>Doyle</i>	<i>Scribner</i>	<i>Int</i>	Tons/Cunit: 3.33	Avg DBH:	14.4
	Cunit/MFT:	7.20	5.52	5.07	Tons/Cord: 2.73	Avg MerchHt:	29.9
		2.16	1.66	1.52	Cunits/Cord: 0.82		

Number of Trees With Log Length - Total Tract

Total Tract

<i>Dbh</i>	<i>0.5</i>	<i>1</i>	<i>1.5</i>	<i>2</i>	<i>2.5</i>	<i>3</i>	<i>3.5</i>	<i>4</i>	<i>4.5</i>	<i>5</i>	<i>5.5+</i>	<i>Tot</i>	<i>Tons</i>	<i>Cords</i>	<i>DMBF</i>	<i>Cunits</i>
10		8	32	8								48	15	5	1	4
12		8	32	24								64	30	11	3	9
14			8	24	8							40	30	11	4	9
16		8	8		16	8						40	41	15	6	12
18			8	16	8							32	40	15	6	12
22				8	8							16	33	12	6	10
24				8								8	18	7	3	5
14.4		24	88	88	40	8						248	208	76	29	62

Loblolly Total

13.0		24	88	120	72	8						312	222	82	29	67
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16' Log Merchantable Height Stand Table Report

Pine Total

13.0	24	88	120	72	8	312	222	82	29	67
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16' Log Merchantable Height Stand Table Report

Hardwood

White Oak

Pulpwood

<u>Conversion Factors</u>	<i>Tons/MBF:</i>	<i>Doyle</i>	<i>Scribner</i>	<i>Int</i>	<i>Tons/Cunit:</i> 3.99	<i>Avg DBH:</i>	7.0
	<i>Cunit/MFT:</i>	#Div/0!	#Div/0!	#Div/0!	<i>Tons/Cord:</i> 2.73		
					<i>Cunits/Cord:</i> 0.68	<i>Avg MerchHt:</i>	32.5

Number of Trees With Log Length - Total Tract

Total Tract

<i>Dbh</i>	<i>0.5</i>	<i>1</i>	<i>1.5</i>	<i>2</i>	<i>2.5</i>	<i>3</i>	<i>3.5</i>	<i>4</i>	<i>4.5</i>	<i>5</i>	<i>5.5+</i>	<i>Tot</i>	<i>Tons</i>	<i>Cords</i>	<i>DMBF</i>	<i>Cunits</i>
6				16								16	2	1	0	1
8				16								16	4	2	0	1
7.0				32								32	7	3	0	2

Sawtimber

<u>Conversion Factors</u>	<i>Tons/MBF:</i>	<i>Doyle</i>	<i>Scribner</i>	<i>Int</i>	<i>Tons/Cunit:</i> 3.81	<i>Avg DBH:</i>	15.0
	<i>Cunit/MFT:</i>	10.20	7.44	5.95	<i>Tons/Cord:</i> 2.73		
		2.68	1.95	1.56	<i>Cunits/Cord:</i> 0.71	<i>Avg MerchHt:</i>	16.5

Number of Trees With Log Length - Total Tract

Total Tract

<i>Dbh</i>	<i>0.5</i>	<i>1</i>	<i>1.5</i>	<i>2</i>	<i>2.5</i>	<i>3</i>	<i>3.5</i>	<i>4</i>	<i>4.5</i>	<i>5</i>	<i>5.5+</i>	<i>Tot</i>	<i>Tons</i>	<i>Cords</i>	<i>DMBF</i>	<i>Cunits</i>
14		8										8	4	1	0	1
16		8										8	5	2	1	1
15.0		16										16	9	3	1	2

White Oak Total

9.7		16		32								48	16	6	1	4
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16' Log Merchantable Height Stand Table Report

Water Oak

Pulpwood

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.75		Avg DBH:	10.0
		Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.73		Avg MerchHt:	32.5
						Cunits/Cord: 0.73			

<i>Number of Trees With Log Length - Total Tract</i>													<i>Total Tract</i>			
Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
8				16								16	4	2	0	1
10				16								16	7	2	0	2
12				16								16	10	4	0	3
10.0				48								48	21	8	0	5

Sawtimber

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.75		Avg DBH:	14.0
		Cunit/MFT:	10.54	7.43	5.94	Tons/Cord: 2.73		Avg MerchHt:	16.5
			2.81	1.98	1.59	Cunits/Cord: 0.73			

<i>Number of Trees With Log Length - Total Tract</i>													<i>Total Tract</i>			
Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
14		8										8	4	2	0	1
14.0		8										8	4	2	0	1

Water Oak Total

10.6		8		48								56	25	9	0	7
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16' Log Merchantable Height Stand Table Report

Sweetgum

Pulpwood

	Doyle	Scribner	Int	Tons/Cunit: 3.36	Avg DBH: 9.1
Conversion Factors	Tons/MBF:			Tons/Cord: 2.73	
	Cunit/MFT:	#Div/0!	#Div/0!	Cunits/Cord: 0.81	Avg MerchHt: 30.3

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
6		16	16									32	3	1	0	1
8			32	32								64	14	5	0	4
10				32								32	12	4	0	4
12				16	32							48	29	10	0	8
9.1		16	48	80	32							176	58	21	0	17

Sawtimber

	Doyle	Scribner	Int	Tons/Cunit: 3.53	Avg DBH: 16.0
Conversion Factors	Tons/MBF:	8.95	6.80	5.41	Tons/Cord: 2.73
	Cunit/MFT:	2.54	1.93	1.53	Cunits/Cord: 0.77

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
14		16										16	8	3	1	2
16		16										16	10	4	1	3
18		8		8								16	17	6	2	5
16.0		40		8								48	34	13	4	10

Sweetgum Total

10.6		56	48	88	32							224	92	34	4	27
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16' Log Merchantable Height Stand Table Report

Soft Elm

Pulpwood

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.20		Avg DBH:	12.0
		Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.73		Avg MerchHt:	28.5
						Cunits/Cord: 0.85			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
12			16	16								32	15	5	0	5
12.0			16	16								32	15	5	0	5

Sawtimber

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.36		Avg DBH:	14.0
		Cunit/MFT:	9.97	6.73	5.51	Tons/Cord: 2.73		Avg MerchHt:	24.5
			2.96	2.00	1.64	Cunits/Cord: 0.81			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
14			8									8	5	2	0	1
14.0			8									8	5	2	0	1

Soft Elm Total

12.4			24	16								40	20	7	0	6
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16' Log Merchantable Height Stand Table Report

So Red Oak

Pulpwood																													
													<i>Doyle</i>		<i>Scribner</i>		<i>Int</i>		<i>Tons/Cunit: 3.81</i>		<i>Avg DBH: 9.6</i>								
													<i>Tons/Cord: 2.73</i>																
													<i>Cunits/Cord: 0.71</i>								<i>Avg MerchHt: 31.6</i>								
													<i>Conversion Factors</i>				<i>Tons/MBF:</i>				<i>Cunit/MFT:</i>								
													#Div/0!				#Div/0!				#Div/0!								
													<i>Number of Trees With Log Length - Total Tract</i>													<i>Total Tract</i>			
<i>Dbh</i>	<i>0.5</i>	<i>1</i>	<i>1.5</i>	<i>2</i>	<i>2.5</i>	<i>3</i>	<i>3.5</i>	<i>4</i>	<i>4.5</i>	<i>5</i>	<i>5.5+</i>	<i>Tot</i>	<i>Tons</i>	<i>Cords</i>	<i>DMBF</i>	<i>Cunits</i>													
6			32									32	4	1	0	1													
8			32									32	7	3	0	2													
10				32								32	13	5	0	3													
12				16	16							32	21	8	0	5													
14						16						16	18	7	0	5													
9.6			64	48	16	16						144	63	23	0	16													

Sawtimber																													
													<i>Doyle</i>		<i>Scribner</i>		<i>Int</i>		<i>Tons/Cunit: 3.81</i>		<i>Avg DBH: 19.6</i>								
													<i>Tons/Cord: 2.73</i>																
													<i>Cunits/Cord: 0.71</i>								<i>Avg MerchHt: 19.7</i>								
													<i>Conversion Factors</i>				<i>Tons/MBF:</i>				<i>Cunit/MFT:</i>								
																	7.42				6.39								
																	1.94				1.68								
													<i>Number of Trees With Log Length - Total Tract</i>													<i>Total Tract</i>			
<i>Dbh</i>	<i>0.5</i>	<i>1</i>	<i>1.5</i>	<i>2</i>	<i>2.5</i>	<i>3</i>	<i>3.5</i>	<i>4</i>	<i>4.5</i>	<i>5</i>	<i>5.5+</i>	<i>Tot</i>	<i>Tons</i>	<i>Cords</i>	<i>DMBF</i>	<i>Cunits</i>													
16		8	8									16	12	5	1	3													
20		8										8	8	3	1	2													
22		8										8	10	4	1	3													
24			8									8	16	6	2	4													
19.6		24	16									40	47	17	6	12													
So Red Oak Total																													
11.7		24	80	48	16	16						184	110	40	6	29													

16' Log Merchantable Height Stand Table Report

Post Oak

Pulpwood

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.35		Avg DBH:	11.0
		Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.73		Avg MerchHt:	28.5
						Cunits/Cord: 0.81			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
10		16										16	4	1	0	1
12					16							16	10	4	0	3
11.0		16			16							32	13	5	0	4

Sawtimber

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.52		Avg DBH:	17.6
		Cunit/MFT:	7.82	6.36	5.22	Tons/Cord: 2.73		Avg MerchHt:	18.1
			2.22	1.81	1.48	Cunits/Cord: 0.77			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
14		8										8	4	1	0	1
16		16										16	10	4	1	3
20			8									8	10	4	1	3
22		8										8	9	3	1	3
17.6		32	8									40	33	12	4	9

Post Oak Total

14.7		48	8		16							72	46	17	4	13
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Persimmon

Pulpwood

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.64		Avg DBH:	7.0
		Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.73		Avg MerchHt:	24.5
						Cunits/Cord: 0.75			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
6			16									16	2	1	0	1
8			16									16	3	1	0	1
7.0			32									32	5	2	0	1

Persimmon Total

7.0		32										32	5	2	0	1
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16' Log Merchantable Height Stand Table Report

Hickory

Pulpwood

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.64		Avg DBH:	9.0
		Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.73		Avg MerchHt:	36.5
						Cunits/Cord: 0.75			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
8				16								16	4	1	0	1
10					16							16	7	3	0	2
9.0				16	16							32	11	4	0	3

Hickory Total

				16	16							32	11	4	0	3
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Green Ash

Sawtimber

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 2.65		Avg DBH:	20.0
		Cunit/MFT:	5.82	4.81	3.91	Tons/Cord: 2.73		Avg MerchHt:	24.5
			2.20	1.82	1.48	Cunits/Cord: 1.03			

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
20			8									8	8	3	1	3
20.0			8									8	8	3	1	3

Green Ash Total

				8								8	8	3	1	3
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16' Log Merchantable Height Stand Table Report

Chr Brk Oak

Pulpwood

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.81	
		Cunit/MFT:	#Div/0!	#Div/0!	#Div/0!	Tons/Cord: 2.73	Avg DBH: 9.0
						Cunits/Cord: 0.71	Avg MerchHt: 29.0

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
6		16	16	32								64	8	3	0	2
8		16	64	96								176	42	15	0	11
10			16	32								48	19	7	0	5
12			16	16	16							48	29	10	0	7
14				16								16	13	5	0	4
16				16								16	18	6	0	5
9.0		32	112	208	16							368	128	47	0	34

Sawtimber

	<u>Conversion Factors</u>	Tons/MBF:	Doyle	Scribner	Int	Tons/Cunit: 3.81	
		Cunit/MFT:	7.10	6.34	5.35	Tons/Cord: 2.73	Avg DBH: 20.6
			1.86	1.66	1.40	Cunits/Cord: 0.71	Avg MerchHt: 18.1

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
14		16										16	8	3	1	2
16		8	8									16	12	5	1	3
20		8										8	8	3	1	2
22		8										8	10	4	1	3
24			8									8	16	6	2	4
26		16										16	28	10	4	7
28		8										8	16	6	3	4
20.6		64	16									80	100	37	14	26

Chr Brk Oak Total

11.1		96	128	208	16							448	228	84	14	60
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16' Log Merchantable Height Stand Table Report

Cherry

Pulpwood																	
<u>Conversion Factors</u>														Tons/MBF:		Avg DBH:	
														Cunit/MFT:		Avg MerchHt:	
														Tons/Cord:			
														Cunits/Cord:			
Number of Trees With Log Length - Total Tract														Total Tract			
Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits	
6			16									16	2	1	0	1	
12				16	16							32	18	6	0	6	
10.0			16	16	16							48	19	7	0	6	
Cherry Total																	
10.0			16	16	16							48	19	7	0	6	

Blackgum

Pulpwood																	
<u>Conversion Factors</u>														Tons/MBF:		Avg DBH:	
														Cunit/MFT:		Avg MerchHt:	
														Tons/Cord:			
														Cunits/Cord:			
Number of Trees With Log Length - Total Tract														Total Tract			
Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits	
8				16								16	3	1	0	1	
12			32									32	13	5	0	4	
10.7			32	16								48	16	6	0	5	
Blackgum Total																	
10.7			32	16								48	16	6	0	5	

Bitter Pecan

Sawtimber																	
<u>Conversion Factors</u>														Tons/MBF:		Avg DBH:	
														Cunit/MFT:		Avg MerchHt:	
														Tons/Cord:			
														Cunits/Cord:			
Number of Trees With Log Length - Total Tract														Total Tract			
Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits	
14		8										8	4	1	0	1	
14.0		8										8	4	1	0	1	
Bitter Pecan Total																	
14.0		8										8	4	1	0	1	

16' Log Merchantable Height Stand Table Report

American Elm

Pulpwood

	<i>Conversion Factors</i>	<i>Tons/MBF:</i>	<i>Doyle</i>	<i>Scribner</i>	<i>Int</i>	<i>Tons/Cunit:</i> 3.22		<i>Avg DBH:</i> 11.5
		<i>Cunit/MFT:</i>	#Div/0!	#Div/0!	#Div/0!	<i>Tons/Cord:</i> 2.73		
						<i>Cunits/Cord:</i> 0.84		<i>Avg MerchHt:</i> 32.5

Number of Trees With Log Length - Total Tract

Total Tract

Dbh	0.5	1	1.5	2	2.5	3	3.5	4	4.5	5	5.5+	Tot	Tons	Cords	DMBF	Cunits
10				16								16	6	2	0	2
12				48								48	25	9	0	8
11.5				64								64	31	11	0	9

American Elm Total

11.5				64								64	31	11	0	9

Hardwood Total

10.9	280	424	600	112	16							1,432	659	242	32	185

Grand Total

11.3	304	512	720	184	24							1,744	881	323	61	251