

Timber Inventory

Lands of Williams, LLC

Unit 2, Stand 5

Calcasieu Parish, Louisiana

Sections 4 & 5; T10S, R9W

Acres (+/-): 464.0

Comprehensive Summary

Product	Averages Per Tree						Averages Per Acre						Totals					
	DBH	Ht	CCF	Cds	Tons	MBF	Trees	BA	SL	CCF	Cds	Tons	MBF	CCF	Cds	Tons	MBF	
Pine Sawtimber	15.5	2.9	0.356	0.438	1.259	0.148	1	1	1%	0.2	0.3	0.8	0.1	103	126	362	43	
Pine Chip & Saw	10.0	2.5	0.125	0.171	0.433	0.024	1	0	0%	0.1	0.1	0.3	0.0	44	61	154	8	
Pine Pulpwood	7.2	2.2	0.056	0.076	0.195	0.000	3	1	1%	0.2	0.3	0.7	0.0	89	120	308	0	
Total Pine			0.106	0.138	0.371	0.023	5	2	3%	0.5	0.7	1.8	0.1	236	306	824	51	
Hwd Sawtimber	17.9	1.5	0.253	0.312	0.884	0.125	10	18	17%	2.6	3.2	9.0	1.3	1,189	1,469	4,162	588	
Hwd Pulpwood	8.2	1.4	0.062	0.079	0.215	0.000	149	60	73%	9.3	11.9	32.1	0.0	4,295	5,503	14,913	0	
Hwd Pre-Merch	28.8	1.0	0.000	0.000	0.000	0.000	22	105	75%	0.0	0.0	0.0	0.0	0	0	0	0	
Total Hwd			0.065	0.083	0.226	0.007	182	184	165%	11.8	15.0	41.1	1.3	5,484	6,972	19,074	588	
														Pine Topwood	14	19	50	0
														Hwd Topwood	544	824	1,904	0
Grand Totals			0.066	0.084	0.230	0.007	187	186	167%	12.3	15.7	42.9	1.4	6,278	8,122	21,853	639	

Sampling Error Estimates
(based on total Cunit volumes)

Standard Deviation	5.09
Standard Error	0.600
Coefficient of Variation	37.6%
Probable Limit of Error due to Sampling 67% CL	4.4%
Probable Limit of Error due to Sampling 95% CL	8.7%

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Sawtimber (Volume & Trees)
Standard Tons

Species		DBH										Totals	Per Acre		
		10	12	14	16	18	20	22	24	26	28			30+	
Loblolly Pine	<i>Volume</i>	0.0	0.0	181.3	53.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	234.4	0.51
	<i>Trees</i>	0	0	181	46	0	0	0	0	0	0	0	0	227	0.49
Slash Pine	<i>Volume</i>	0.0	0.0	0.0	0.0	71.2	0.0	56.8	0.0	0.0	0.0	0.0	0.0	128.0	0.28
	<i>Trees</i>	0	0	0	0	36	0	24	0	0	0	0	0	61	0.13
Total Pine	<i>Volume</i>	0.0	0.0	181.3	53.0	71.2	0.0	56.8	0.0	0.0	0.0	0.0	0.0	362.4	0.78
	<i>Trees</i>	0	0	181	46	36	0	24	0	0	0	0	0	288	0.62
Scrub Oak	<i>Volume</i>	0.0	0.0	0.0	63.3	251.4	95.4	63.7	72.7	86.9	55.0	78.2	766.6	1.65	
	<i>Trees</i>	0	0	0	92	328	89	49	41	52	30	39	721	1.55	
Tupelo Gum	<i>Volume</i>	0.0	0.0	158.2	314.8	40.5	0.0	0.0	0.0	0.0	0.0	0.0	513.6	1.11	
	<i>Trees</i>	0	0	301	323	36	0	0	0	0	0	0	661	1.42	
Poplar	<i>Volume</i>	0.0	0.0	178.9	400.7	473.7	507.4	209.0	253.7	190.0	0.0	82.0	2,295.2	4.95	
	<i>Trees</i>	0	0	422	646	584	473	146	164	105	0	23	2,563	5.52	
Boxelder	<i>Volume</i>	0.0	0.0	54.7	173.0	127.3	86.7	0.0	31.9	31.9	0.0	0.0	505.5	1.09	
	<i>Trees</i>	0	0	121	277	146	89	0	21	17	0	0	670	1.44	
Sweet Pecan	<i>Volume</i>	0.0	0.0	0.0	80.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	80.8	0.17	
	<i>Trees</i>	0	0	0	92	0	0	0	0	0	0	0	92	0.20	
Total Hwd	<i>Volume</i>	0.0	0.0	391.8	1,032.6	893.0	689.4	272.7	358.2	308.9	55.0	160.1	4,161.8	8.97	
	<i>Trees</i>	0	0	844	1,431	1,094	650	195	226	175	30	63	4,707	10.15	
Grand Totals	<i>Volume</i>	0.0	0.0	573.1	1,085.7	964.2	689.4	329.4	358.2	308.9	55.0	160.1	4,524.1	9.75	
	<i>Trees</i>	0	0	1,025	1,477	1,131	650	220	226	175	30	63	4,995	10.77	

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**Chip & Saw (Volume & Trees)
Standard Tons**

Species		DBH										Totals	Per Acre	
		8	10	12	14	16	18	20	22	24	26			28+
Loblolly Pine	<i>Volume</i>	0.0	153.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.6	0.33
	<i>Trees</i>	0	354	0	0	0	0	0	0	0	0	0	354	0.76
Total Pine	<i>Volume</i>	0.0	153.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.6	0.33
	<i>Trees</i>	0	354	0	0	0	0	0	0	0	0	0	354	0.76
Grand Totals	<i>Volume</i>	0.0	153.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	153.6	0.33
	<i>Trees</i>	0	354	0	0	0	0	0	0	0	0	0	354	0.76

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Pulpwood (Volume & Trees)
Merchantable Height Tons

Species		DBH										Totals	Per Acre	
		6	8	10	12	14	16	18	20	22	24			26+
Loblolly Pine	<i>Volume</i>	71.5	236.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	308.3	0.66
	<i>Trees</i>	656	923	0	0	0	0	0	0	0	0	0	1,580	3.40
Total Pine	<i>Volume</i>	71.5	236.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	308.3	0.66
	<i>Trees</i>	656	923	0	0	0	0	0	0	0	0	0	1,580	3.40
Scrub Oak	<i>Volume</i>	81.4	0.0	52.9	217.4	81.7	203.5	49.4	84.1	104.3	0.0	0.0	874.6	1.88
	<i>Trees</i>	985	0	236	492	121	231	36	59	73	0	0	2,233	4.81
Tupelo Gum	<i>Volume</i>	98.6	251.7	248.3	296.3	172.4	0.0	0.0	0.0	34.8	0.0	0.0	1,102.1	2.38
	<i>Trees</i>	985	1,108	591	492	181	0	0	0	24	0	0	3,381	7.29
Maple	<i>Volume</i>	38.6	128.4	32.9	0.0	50.8	50.1	0.0	0.0	0.0	0.0	0.0	300.7	0.65
	<i>Trees</i>	328	738	118	0	60	46	0	0	0	0	0	1,291	2.78
Poplar	<i>Volume</i>	652.5	957.1	1,378.5	1,568.9	313.4	66.7	186.5	161.5	76.3	0.0	0.0	5,361.4	11.55
	<i>Trees</i>	7,549	5,354	4,490	3,364	482	92	182	118	49	0	0	21,682	46.73
Boxelder	<i>Volume</i>	1,632.1	1,770.8	1,386.1	1,238.7	430.2	110.1	29.2	42.1	0.0	41.0	0.0	6,680.4	14.40
	<i>Trees</i>	18,709	10,708	4,726	2,954	723	138	36	30	0	21	0	38,046	82.00
Sweet Pecan	<i>Volume</i>	54.2	201.9	190.2	147.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	593.5	1.28
	<i>Trees</i>	656	1,108	591	328	0	0	0	0	0	0	0	2,683	5.78
Total Hwd	<i>Volume</i>	2,557.4	3,309.8	3,288.8	3,468.5	1,048.5	430.3	265.1	287.7	215.3	41.0	0.0	14,912.6	32.14
	<i>Trees</i>	29,212	19,016	10,753	7,631	1,567	508	255	207	146	21	0	69,316	149.39
Grand Totals	<i>Volume</i>	2,628.9	3,546.6	3,288.8	3,468.5	1,048.5	430.3	265.1	287.7	215.3	41.0	0.0	15,220.9	32.80
	<i>Trees</i>	29,868	19,939	10,753	7,631	1,567	508	255	207	146	21	0	70,896	152.79

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Timber Valuation

Species	----- Sawtimber ----- Standard Tons			----- Chip & Saw ----- Standard Tons			----- Pulpwood ----- Merchantable Height Tons			Totals	Per Acre
	Volume	\$/Unit	Value	Volume	\$/Unit	Value	Volume	\$/Unit	Value		
Loblolly Pine	234.4	\$30.00	\$7,031.76	153.6	\$15.00	\$2,303.97	308.3	\$7.75	\$2,388.99	\$11,724.73	\$25.27
Slash Pine	128.0	\$30.00	\$3,839.65	0.0	\$15.00	\$0.00	0.0	\$7.75	\$0.00	\$3,839.65	\$8.28
Total Pine	362.4	\$30.00	\$10,871.41	153.6	\$15.00	\$2,303.97	308.3	\$7.75	\$2,388.99	\$15,564.37	\$33.54
Scrub Oak	766.6	\$28.00	\$21,465.94	0.0	\$0.00	\$0.00	874.6	\$6.80	\$5,947.48	\$27,413.42	\$59.08
Tupelo Gum	513.6	\$28.00	\$14,380.67	0.0	\$0.00	\$0.00	1,102.1	\$6.80	\$7,493.99	\$21,874.66	\$47.14
Maple	0.0	\$28.00	\$0.00	0.0	\$0.00	\$0.00	300.7	\$6.80	\$2,045.02	\$2,045.02	\$4.41
Poplar	2,295.2	\$36.00	\$82,628.58	0.0	\$0.00	\$0.00	5,361.4	\$6.80	\$36,457.22	\$119,085.80	\$256.65
Boxelder	505.5	\$28.00	\$14,153.21	0.0	\$0.00	\$0.00	6,680.4	\$6.80	\$45,426.75	\$59,579.95	\$128.41
Sweet Pecan	80.8	\$41.50	\$3,353.44	0.0	\$0.00	\$0.00	593.5	\$6.80	\$4,035.54	\$7,388.98	\$15.92
Misc	0.0	\$28.00	\$0.00	0.0	\$0.00	\$0.00	0.0	\$6.80	\$0.00	\$0.00	\$0.00
Total Hwd	4,161.8	\$32.67	\$135,981.83	0.0	\$0.00	\$0.00	14,912.6	\$6.80	\$101,406.00	\$237,387.83	\$511.61
Grand Totals	4,524.1	\$32.46	\$146,853.24	153.6	\$15.00	\$2,303.97	15,220.9	\$6.82	\$103,795.00	\$252,952.21	\$545.16