

Carbon Accumulation Tables

Species:	Longleaf Pine
Physiographic Region:	Georgia--statewide
Stand Origin:	Natural
Management Level:	Extensive

Each table starts with a header record that contains 8 descriptive items:

1. Species – Loblolly, Slash, Longleaf, Oak-Gum-Cypress, Oak-Hickory, Oak-Pine
2. Stand Origin – Natural, Planted, Planted Oldfield
3. Site Index (base age 50 for natural, base age 25 for planted) – Low or High for natural stands of pine (no difference for hardwood), Low, Med, or High for planted stands of pine, ALL for hardwood stands
4. Initial Density (age 10 trees/acre for natural pine (High, Low), no classes for hardwood, planting density for plantations (High, Low))
5. Level of management – Ext = extensive; Int = Intensive
6. Genetic Improvement – UI = unimproved (all natural pine and hardwood as well as plantation); in addition for plantations we have 1G and 2G (1st generation improvement and 2nd generation improvement – NOTE that plantation longleaf only has UI and 1G)
7. Physiographic Region – ALL used when we have no differences among regions (thus there is only a single all encompassing table); LCP – lower coastal plain; PID – piedmont/upper coastal plain
8. Harvest type – CC = carbon yields for a stand that has never received thinning; T22 = carbon yields for a stand that was thinned at age 22; T23 = carbon yields for a stand that was thinned at age 23, etc. Thus, users will have to know when and if their stand had been thinned – they will use the CC table for carbon yields prior to the thin; they will use the appropriate thin table after the thin (If the stand is multiple thinned – they simply need to pick the thin table closest in age to the most recent thinning operation)

PWCarbon = Pulpwood Carbon Storage (tons per acre) for a given stand age (years).

STCarbon = Sawtimber Carbon Storage (tons per acre) for a given stand age (years).

Longleaf Age	Natural PWCarbon	Low STCarbon	Low	Ext	UI	ALL	CC
15	0	0					
16	0.27	0					
17	0.48	0					
18	0.73	0					
19	0.97	0					
20	1.29	0					
21	1.64	0					
22	1.98	0					
23	2.35	0					
24	2.79	0					
25	3.28	0					
26	3.7	0					
27	4.15	0					
28	4.63	0					
29	5.05	0					
30	5.46	0					
31	5.89	0					
32	6.27	0					
33	6.67	0					
34	7.05	0					
35	7.43	0					
36	7.76	0.03					
37	8.05	0.1					
38	8.32	0.17					
39	8.58	0.22					
40	8.89	0.31					
41	9.11	0.33					
42	9.29	0.45					
43	9.43	0.6					
44	9.56	0.75					
45	9.69	0.89					
46	9.84	1					
47	9.95	1.14					
48	10.06	1.27					
49	10.16	1.39					
50	10.26	1.51					
51	10.33	1.65					
52	10.32	1.87					
53	10.3	2.07					
54	10.28	2.28					
55	10.25	2.48					
56	10.25	2.7					
57	10.22	2.84					
58	10.13	3.08					
59	10.02	3.33					
60	9.92	3.57					
61	9.82	3.8					
62	9.74	4.04					
63	9.63	4.23					

Longleaf Age	64 Natural PWCarbon	9.5 High STCarbon	4.47 Low	Ext	UI	ALL	CC
15	0.66	0					
16	1.21	0					
17	1.8	0					
18	2.57	0					
19	3.44	0					
20	4.38	0					
21	5.38	0					
22	6.43	0					
23	7.52	0					
24	8.63	0					
25	9.75	0					
26	10.87	0					
27	11.99	0					
28	13.04	0.06					
29	13.94	0.25					
30	14.83	0.45					
31	15.7	0.62					
32	16.47	0.85					
33	17.04	1.27					
34	17.59	1.69					
35	18.13	2.09					
36	18.64	2.48					
37	19.13	2.87					
38	19.6	3.24					
39	19.78	3.87					
40	19.94	4.49					
41	20.08	5.11					
42	20.19	5.71					
43	20.25	6.35					
44	20.13	7.13					
45	20.02	7.88					
46	19.9	8.61					
47	19.78	9.3					
48	19.54	10.09					
49	19.32	10.85					
50	19.1	11.57					
51	18.89	12.25					
52	18.68	12.93					
53	18.41	13.65					
54	18.15	14.33					
55	17.9	14.99					
56	17.67	15.61					
57	17.43	16.21					
58	17.2	16.8					
59	16.95	17.39					
60	16.71	17.95					
61	16.48	18.48					
62	16.26	18.99					

	63	16.05	19.48				
	64	15.85	19.95				
Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	CC
	15	0.56	0				
	16	1.13	0				
	17	1.95	0				
	18	2.9	0				
	19	3.93	0				
	20	5.22	0				
	21	6.6	0				
	22	8.08	0				
	23	9.58	0				
	24	11.1	0				
	25	12.61	0				
	26	14.13	0				
	27	15.64	0				
	28	17.1	0				
	29	18.51	0				
	30	19.89	0				
	31	21.21	0				
	32	22.36	0.13				
	33	23.27	0.43				
	34	24.15	0.71				
	35	24.97	0.99				
	36	25.7	1.27				
	37	26.13	1.82				
	38	26.47	2.41				
	39	26.77	2.99				
	40	27.07	3.52				
	41	27.34	4.02				
	42	27.59	4.5				
	43	27.58	5.2				
	44	27.4	6.02				
	45	27.22	6.8				
	46	27.01	7.58				
	47	26.81	8.32				
	48	26.32	9.3				
	49	25.86	10.23				
	50	25.41	11.11				
	51	24.97	11.95				
	52	24.41	12.89				
	53	23.88	13.77				
	54	23.38	14.6				
	55	22.91	15.38				
	56	22.4	16.18				
	57	21.88	16.98				
	58	21.4	17.72				
	59	20.94	18.42				
	60	20.51	19.08				
	61	20.08	19.72				

	62	19.64	20.35				
	63	19.23	20.94				
	64	18.85	21.5				
Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T30
	31	14.77	0.2				
	32	15.86	0.38				
	33	16.84	0.55				
	34	17.55	0.99				
	35	18.34	1.42				
	36	19.1	1.81				
	37	19.79	2.21				
	38	20.34	2.68				
	39	20.69	3.29				
	40	21.04	3.87				
	41	21.36	4.43				
	42	21.68	4.97				
	43	21.96	5.5				
	44	22.21	6.02				
	45	22.42	6.52				
	46	22.55	7.07				
	47	22.44	7.87				
	48	22.28	8.69				
	49	22.09	9.47				
	50	21.91	10.2				
	51	21.74	10.93				
	52	21.56	11.63				
	53	21.37	12.29				
	54	21.17	12.92				
	55	20.98	13.56				
	56	20.77	14.2				
	57	20.57	14.81				
	58	20.36	15.39				
	59	20.15	15.96				
	60	19.94	16.51				
	61	19.74	17.04				
	62	19.51	17.57				
	63	19.22	18.17				
	64	18.85	18.84				

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T31
32	15.29	0.3					
33	16.28	0.58					
34	17.16	0.84					
35	17.79	1.34					
36	18.49	1.84					
37	19.15	2.31					
38	19.76	2.77					
39	20.28	3.24					
40	20.54	3.93					
41	20.8	4.58					
42	21.04	5.2					
43	21.27	5.8					
44	21.48	6.39					
45	21.65	6.95					
46	21.8	7.5					
47	21.92	8.05					
48	21.88	8.75					
49	21.69	9.58					
50	21.49	10.39					
51	21.26	11.16					
52	21.03	11.89					
53	20.82	12.6					
54	20.6	13.3					
55	20.38	13.96					
56	20.16	14.59					
57	19.93	15.19					
58	19.71	15.81					
59	19.49	16.41					
60	19.26	16.99					
61	19.04	17.53					
62	18.83	18.07					
63	18.54	18.67					
64	18.23	19.27					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T32
33	15.41	0.47					
34	16.34	0.79					
35	17.17	1.1					
36	17.74	1.68					
37	18.39	2.24					
38	18.98	2.76					
39	19.53	3.27					
40	19.97	3.81					
41	20.17	4.55					
42	20.37	5.25					
43	20.56	5.92					
44	20.74	6.56					
45	20.89	7.18					
46	21.02	7.78					
47	21.12	8.37					
48	21.18	8.97					
49	21.12	9.68					
50	20.91	10.52					
51	20.69	11.34					
52	20.45	12.12					
53	20.21	12.85					
54	19.98	13.56					
55	19.75	14.26					
56	19.52	14.93					
57	19.29	15.56					
58	19.05	16.16					
59	18.82	16.76					
60	18.6	17.36					
61	18.38	17.94					
62	18.16	18.48					
63	17.87	19.08					
64	17.57	19.68					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T33
34	15.5	0.8					
35	16.36	1.19					
36	17.12	1.56					
37	17.68	2.16					
38	18.29	2.73					
39	18.85	3.26					
40	19.36	3.79					
41	19.79	4.33					
42	19.91	5.14					
43	20	5.94					
44	20.08	6.7					
45	20.16	7.42					
46	20.22	8.11					
47	20.26	8.76					
48	20.26	9.46					
49	20.25	10.12					
50	20.23	10.77					
51	20.03	11.59					
52	19.83	12.38					
53	19.6	13.14					
54	19.36	13.87					
55	19.13	14.55					
56	18.9	15.23					
57	18.68	15.89					
58	18.45	16.52					
59	18.23	17.12					
60	18.01	17.69					
61	17.79	18.24					
62	17.57	18.81					
63	17.29	19.43					
64	17.01	20.02					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T34
35	15.57	1.15					
36	16.31	1.64					
37	16.96	2.09					
38	17.46	2.73					
39	17.98	3.36					
40	18.47	3.94					
41	18.9	4.51					
42	19.27	5.08					
43	19.42	5.83					
44	19.41	6.7					
45	19.42	7.52					
46	19.42	8.31					
47	19.42	9.05					
48	19.37	9.79					
49	19.32	10.48					
50	19.26	11.2					
51	19.19	11.88					
52	19.11	12.54					
53	18.92	13.3					
54	18.71	14.04					
55	18.49	14.75					
56	18.27	15.44					
57	18.04	16.09					
58	17.82	16.7					
59	17.61	17.32					
60	17.4	17.92					
61	17.18	18.51					
62	16.91	19.12					
63	16.65	19.7					
64	16.39	20.28					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T35
36	15.63	1.47					
37	16.29	2.04					
38	16.86	2.57					
39	17.27	3.29					
40	17.69	4.01					
41	18.09	4.66					
42	18.43	5.31					
43	18.72	5.96					
44	18.86	6.7					
45	18.81	7.58					
46	18.78	8.44					
47	18.75	9.24					
48	18.69	10.02					
49	18.62	10.78					
50	18.55	11.49					
51	18.47	12.21					
52	18.38	12.9					
53	18.28	13.56					
54	18.16	14.23					
55	17.96	14.94					
56	17.77	15.63					
57	17.56	16.29					
58	17.36	16.93					
59	17.15	17.53					
60	16.95	18.1					
61	16.74	18.68					
62	16.49	19.3					
63	16.24	19.9					
64	16	20.46					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T36
37	15.71	1.73					
38	16.3	2.35					
39	16.83	2.93					
40	17.18	3.72					
41	17.54	4.5					
42	17.87	5.21					
43	18.15	5.91					
44	18.38	6.6					
45	18.48	7.38					
46	18.4	8.31					
47	18.32	9.19					
48	18.24	10.02					
49	18.14	10.83					
50	18.04	11.62					
51	17.94	12.35					
52	17.84	13.08					
53	17.72	13.79					
54	17.6	14.46					
55	17.48	15.11					
56	17.31	15.79					
57	17.13	16.45					
58	16.95	17.08					
59	16.76	17.7					
60	16.57	18.28					
61	16.39	18.83					
62	16.15	19.4					
63	15.92	19.99					
64	15.69	20.57					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T37
38	15.6	2.19					
39	16.14	2.83					
40	16.61	3.42					
41	16.88	4.26					
42	17.12	5.12					
43	17.35	5.91					
44	17.52	6.68					
45	17.66	7.43					
46	17.71	8.22					
47	17.55	9.22					
48	17.39	10.16					
49	17.24	11.04					
50	17.1	11.87					
51	16.96	12.67					
52	16.81	13.45					
53	16.67	14.19					
54	16.51	14.94					
55	16.35	15.63					
56	16.2	16.3					
57	16.03	16.96					
58	15.85	17.61					
59	15.67	18.23					
60	15.49	18.84					
61	15.31	19.41					
62	15.13	19.96					
63	14.95	20.48					
64	14.78	20.98					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T38
39	15.43	2.65					
40	15.96	3.3					
41	16.42	3.91					
42	16.62	4.82					
43	16.73	5.8					
44	16.83	6.7					
45	16.9	7.57					
46	16.94	8.4					
47	16.95	9.22					
48	16.79	10.2					
49	16.64	11.13					
50	16.49	12					
51	16.34	12.82					
52	16.2	13.59					
53	16.06	14.37					
54	15.92	15.11					
55	15.78	15.82					
56	15.63	16.51					
57	15.48	17.16					
58	15.33	17.78					
59	15.18	18.39					
60	15.01	18.98					
61	14.86	19.55					
62	14.7	20.11					
63	14.54	20.65					
64	14.39	21.15					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T39
40	15.24	3.1					
41	15.69	3.83					
42	16.07	4.53					
43	16.22	5.49					
44	16.29	6.5					
45	16.36	7.43					
46	16.4	8.32					
47	16.42	9.17					
48	16.42	10					
49	16.26	10.98					
50	16.1	11.9					
51	15.95	12.76					
52	15.81	13.57					
53	15.66	14.33					
54	15.53	15.1					
55	15.4	15.83					
56	15.26	16.52					
57	15.12	17.2					
58	14.98	17.83					
59	14.84	18.44					
60	14.7	19.02					
61	14.55	19.59					
62	14.41	20.13					
63	14.27	20.67					
64	14.13	21.18					

Longleaf Age	Natural PWCarbon	High STCarbon	High	Ext	UI	ALL	T40
41	14.84	3.65					
42	15.17	4.48					
43	15.45	5.26					
44	15.55	6.26					
45	15.57	7.31					
46	15.57	8.28					
47	15.56	9.2					
48	15.53	10.08					
49	15.5	10.94					
50	15.37	11.86					
51	15.2	12.77					
52	15.05	13.64					
53	14.9	14.45					
54	14.75	15.22					
55	14.6	15.96					
56	14.46	16.68					
57	14.32	17.36					
58	14.19	18.02					
59	14.05	18.65					
60	13.91	19.26					
61	13.78	19.84					
62	13.65	20.39					
63	13.52	20.92					
64	13.39	21.42					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	CC
15	0	0					
16	0.23	0					
17	0.39	0					
18	0.67	0					
19	1.02	0					
20	1.43	0					
21	1.83	0					
22	2.21	0					
23	2.7	0					
24	3.34	0					
25	3.89	0					
26	4.64	0					
27	5.22	0					
28	5.79	0					
29	6.36	0					
30	6.91	0					
31	7.45	0					
32	8	0					
33	8.51	0					
34	9.03	0					
35	9.51	0					
36	9.98	0					
37	10.43	0					
38	10.86	0					
39	11.28	0					
40	11.68	0					
41	12.06	0					
42	12.39	0.03					
43	12.62	0.14					
44	12.85	0.24					
45	13.06	0.34					
46	13.23	0.41					
47	13.47	0.47					
48	13.62	0.56					
49	13.65	0.77					
50	13.67	0.98					
51	13.69	1.17					
52	13.75	1.33					
53	13.76	1.49					
54	13.77	1.66					
55	13.77	1.82					
56	13.77	1.97					
57	13.79	2.14					
58	13.64	2.37					
59	13.49	2.64					
60	13.35	2.9					
61	13.2	3.15					
62	13.06	3.39					
63	12.94	3.59					

Longleaf Age	64 Natural PWCarbon	12.73 Low STCarbon	3.89 High	Ext	UI	ALL	T30
31	6.68	0					
32	7.24	0					
33	7.76	0					
34	8.24	0					
35	8.68	0					
36	9.1	0					
37	9.53	0					
38	9.97	0					
39	10.43	0					
40	10.86	0					
41	11.28	0					
42	11.64	0.03					
43	11.96	0.08					
44	12.26	0.13					
45	12.55	0.17					
46	12.78	0.22					
47	13.03	0.27					
48	13.24	0.32					
49	13.43	0.36					
50	13.6	0.41					
51	13.76	0.46					
52	13.9	0.5					
53	14.02	0.55					
54	14.07	0.68					
55	14.1	0.81					
56	14.12	0.93					
57	14.14	1.04					
58	14.15	1.15					
59	14.17	1.25					
60	14.19	1.36					
61	14.18	1.5					
62	14.16	1.64					
63	14.12	1.77					
64	14.07	1.9					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T31
32	6.98	0					
33	7.54	0					
34	8.05	0					
35	8.51	0					
36	8.94	0					
37	9.35	0					
38	9.77	0					
39	10.21	0					
40	10.65	0					
41	11.07	0					
42	11.46	0					
43	11.82	0.02					
44	12.11	0.08					
45	12.36	0.16					
46	12.6	0.23					
47	12.8	0.3					
48	13	0.36					
49	13.19	0.42					
50	13.35	0.48					
51	13.5	0.53					
52	13.63	0.6					
53	13.76	0.66					
54	13.87	0.72					
55	13.95	0.79					
56	13.97	0.92					
57	13.99	1.04					
58	13.99	1.16					
59	13.98	1.29					
60	13.94	1.44					
61	13.92	1.59					
62	13.9	1.74					
63	13.86	1.89					
64	13.82	2.03					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T32
33	7.27	0					
34	7.82	0					
35	8.31	0					
36	8.76	0					
37	9.18	0					
38	9.58	0					
39	10	0					
40	10.44	0					
41	10.85	0					
42	11.26	0					
43	11.63	0					
44	11.98	0					
45	12.22	0.1					
46	12.43	0.2					
47	12.63	0.29					
48	12.79	0.38					
49	12.94	0.46					
50	13.11	0.54					
51	13.25	0.62					
52	13.37	0.69					
53	13.47	0.76					
54	13.57	0.84					
55	13.66	0.92					
56	13.74	0.99					
57	13.8	1.07					
58	13.78	1.24					
59	13.74	1.41					
60	13.69	1.58					
61	13.64	1.74					
62	13.58	1.9					
63	13.54	2.05					
64	13.49	2.21					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T33
34	7.52	0					
35	8.06	0					
36	8.55	0					
37	8.99	0					
38	9.39	0.01					
39	9.77	0.03					
40	10.16	0.05					
41	10.56	0.07					
42	10.95	0.09					
43	11.32	0.11					
44	11.66	0.13					
45	11.97	0.15					
46	12.2	0.26					
47	12.38	0.37					
48	12.55	0.48					
49	12.69	0.58					
50	12.82	0.68					
51	12.95	0.77					
52	13.07	0.86					
53	13.17	0.94					
54	13.26	1.02					
55	13.33	1.11					
56	13.41	1.2					
57	13.47	1.29					
58	13.51	1.39					
59	13.49	1.55					
60	13.44	1.74					
61	13.38	1.92					
62	13.32	2.09					
63	13.24	2.26					
64	13.17	2.41					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T34
35	7.78	0					
36	8.3	0					
37	8.78	0					
38	9.21	0					
39	9.6	0.02					
40	9.95	0.06					
41	10.3	0.11					
42	10.67	0.15					
43	11.01	0.19					
44	11.35	0.23					
45	11.65	0.27					
46	11.93	0.31					
47	12.14	0.42					
48	12.3	0.55					
49	12.44	0.67					
50	12.56	0.78					
51	12.66	0.89					
52	12.76	1					
53	12.86	1.1					
54	12.95	1.2					
55	13.02	1.29					
56	13.07	1.38					
57	13.11	1.51					
58	13.15	1.62					
59	13.17	1.74					
60	13.18	1.86					
61	13.12	2.05					
62	13.05	2.24					
63	12.98	2.42					
64	12.9	2.59					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T35
36	8.01	0					
37	8.53	0					
38	8.99	0					
39	9.42	0					
40	9.79	0.02					
41	10.11	0.09					
42	10.43	0.16					
43	10.76	0.22					
44	11.08	0.28					
45	11.38	0.34					
46	11.65	0.4					
47	11.9	0.46					
48	12.09	0.56					
49	12.22	0.71					
50	12.34	0.84					
51	12.44	0.97					
52	12.52	1.09					
53	12.59	1.2					
54	12.67	1.31					
55	12.74	1.42					
56	12.79	1.54					
57	12.82	1.66					
58	12.84	1.79					
59	12.86	1.92					
60	12.87	2.04					
61	12.88	2.16					
62	12.84	2.32					
63	12.76	2.51					
64	12.68	2.7					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T36
37	8.23	0					
38	8.73	0					
39	9.19	0					
40	9.6	0					
41	9.98	0.01					
42	10.27	0.1					
43	10.56	0.19					
44	10.86	0.27					
45	11.15	0.35					
46	11.43	0.42					
47	11.68	0.49					
48	11.9	0.57					
49	12.1	0.64					
50	12.23	0.78					
51	12.33	0.93					
52	12.42	1.06					
53	12.5	1.19					
54	12.56	1.32					
55	12.61	1.43					
56	12.64	1.56					
57	12.68	1.69					
58	12.7	1.83					
59	12.71	1.96					
60	12.72	2.09					
61	12.72	2.22					
62	12.72	2.34					
63	12.71	2.46					
64	12.69	2.57					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T37
38	8.41	0.01					
39	8.9	0.02					
40	9.34	0.02					
41	9.75	0.03					
42	10.11	0.04					
43	10.38	0.15					
44	10.66	0.25					
45	10.94	0.34					
46	11.22	0.42					
47	11.48	0.51					
48	11.71	0.58					
49	11.92	0.67					
50	12.1	0.75					
51	12.22	0.88					
52	12.3	1.03					
53	12.38	1.17					
54	12.45	1.3					
55	12.51	1.43					
56	12.53	1.57					
57	12.55	1.7					
58	12.58	1.84					
59	12.59	1.98					
60	12.6	2.11					
61	12.6	2.23					
62	12.59	2.36					
63	12.59	2.49					
64	12.57	2.61					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T38
39	8.57	0.04					
40	9.03	0.07					
41	9.44	0.11					
42	9.81	0.14					
43	10.15	0.17					
44	10.38	0.3					
45	10.63	0.41					
46	10.88	0.52					
47	11.13	0.63					
48	11.35	0.73					
49	11.56	0.83					
50	11.74	0.93					
51	11.9	1.03					
52	12.02	1.15					
53	12.09	1.3					
54	12.15	1.44					
55	12.21	1.58					
56	12.23	1.74					
57	12.24	1.88					
58	12.25	2.03					
59	12.27	2.16					
60	12.27	2.3					
61	12.28	2.44					
62	12.27	2.56					
63	12.26	2.69					
64	12.24	2.81					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T39
40	8.72	0.07					
41	9.15	0.13					
42	9.53	0.18					
43	9.87	0.23					
44	10.18	0.29					
45	10.39	0.43					
46	10.61	0.57					
47	10.83	0.7					
48	11.05	0.82					
49	11.25	0.93					
50	11.43	1.05					
51	11.59	1.15					
52	11.72	1.27					
53	11.84	1.38					
54	11.89	1.55					
55	11.92	1.71					
56	11.93	1.89					
57	11.94	2.05					
58	11.94	2.21					
59	11.93	2.36					
60	11.93	2.51					
61	11.92	2.66					
62	11.91	2.8					
63	11.89	2.94					
64	11.87	3.07					

Longleaf Age	Natural PWCarbon	Low STCarbon	High	Ext	UI	ALL	T40
41	8.93	0.09					
42	9.32	0.18					
43	9.67	0.25					
44	9.99	0.32					
45	10.27	0.39					
46	10.46	0.54					
47	10.65	0.69					
48	10.85	0.84					
49	11.04	0.98					
50	11.22	1.11					
51	11.37	1.23					
52	11.51	1.35					
53	11.63	1.47					
54	11.73	1.59					
55	11.79	1.75					
56	11.78	1.94					
57	11.77	2.12					
58	11.77	2.3					
59	11.75	2.46					
60	11.73	2.63					
61	11.71	2.78					
62	11.69	2.93					
63	11.67	3.09					
64	11.64	3.23					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	CC
15	0.26	0					
16	0.5	0					
17	0.89	0					
18	1.59	0					
19	2.2	0					
20	2.86	0					
21	3.83	0					
22	4.62	0					
23	5.56	0					
24	6.54	0					
25	7.53	0					
26	8.51	0					
27	9.48	0					
28	10.46	0					
29	11.4	0					
30	12.34	0					
31	13.24	0					
32	14.11	0					
33	14.94	0					
34	15.75	0					
35	16.52	0					
36	17.2	0.06					
37	17.71	0.26					
38	18.19	0.44					
39	18.66	0.61					
40	19.1	0.73					
41	19.47	0.92					
42	19.61	1.31					
43	19.75	1.67					
44	19.89	2					
45	20.01	2.33					
46	20.11	2.64					
47	20.2	2.94					
48	20.28	3.22					
49	20.19	3.65					
50	20.01	4.15					
51	19.83	4.62					
52	19.64	5.09					
53	19.47	5.51					
54	19.2	6.02					
55	18.85	6.59					
56	18.5	7.14					
57	18.18	7.65					
58	17.87	8.14					
59	17.48	8.69					
60	17.1	9.22					
61	16.74	9.71					
62	16.44	10.13					
63	16.1	10.59					

Longleaf Age	64 Natural PWCarbon	15.73 Med STCarbon	11.06 High	Ext	UI	ALL	T30
31	10.52	0					
32	11.41	0					
33	12.22	0					
34	12.93	0.04					
35	13.57	0.15					
36	14.24	0.25					
37	14.91	0.35					
38	15.54	0.43					
39	16.13	0.54					
40	16.56	0.75					
41	16.91	1.02					
42	17.21	1.26					
43	17.48	1.49					
44	17.77	1.72					
45	18.02	1.94					
46	18.24	2.15					
47	18.45	2.37					
48	18.63	2.58					
49	18.79	2.78					
50	18.8	3.13					
51	18.76	3.52					
52	18.71	3.89					
53	18.63	4.25					
54	18.59	4.59					
55	18.54	4.94					
56	18.48	5.27					
57	18.4	5.58					
58	18.3	5.89					
59	18.2	6.2					
60	18.1	6.51					
61	17.99	6.81					
62	17.87	7.09					
63	17.74	7.37					
64	17.62	7.63					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T31
32	10.93	0					
33	11.8	0					
34	12.59	0					
35	13.28	0.03					
36	13.85	0.2					
37	14.45	0.35					
38	15.06	0.49					
39	15.64	0.61					
40	16.16	0.75					
41	16.6	0.94					
42	16.89	1.23					
43	17.16	1.51					
44	17.39	1.78					
45	17.6	2.02					
46	17.83	2.27					
47	18.03	2.51					
48	18.2	2.73					
49	18.35	2.97					
50	18.47	3.22					
51	18.56	3.47					
52	18.52	3.85					
53	18.45	4.24					
54	18.36	4.63					
55	18.24	5.01					
56	18.12	5.36					
57	18.04	5.71					
58	17.94	6.05					
59	17.83	6.38					
60	17.71	6.69					
61	17.58	6.99					
62	17.45	7.28					
63	17.32	7.58					
64	17.19	7.88					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T32
33	11.28	0.02					
34	12.12	0.03					
35	12.88	0.05					
36	13.55	0.1					
37	14.08	0.28					
38	14.65	0.46					
39	15.22	0.62					
40	15.75	0.78					
41	16.23	0.94					
42	16.63	1.13					
43	16.88	1.44					
44	17.11	1.74					
45	17.32	2.02					
46	17.5	2.28					
47	17.69	2.54					
48	17.86	2.79					
49	18	3.04					
50	18.1	3.32					
51	18.19	3.59					
52	18.26	3.85					
53	18.24	4.2					
54	18.12	4.63					
55	18	5.05					
56	17.86	5.46					
57	17.7	5.85					
58	17.56	6.22					
59	17.42	6.58					
60	17.28	6.94					
61	17.13	7.28					
62	16.98	7.6					
63	16.82	7.91					
64	16.66	8.21					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T33
34	11.51	0.08					
35	12.28	0.16					
36	12.97	0.23					
37	13.56	0.33					
38	14.02	0.58					
39	14.53	0.8					
40	15.02	1.01					
41	15.48	1.21					
42	15.89	1.42					
43	16.24	1.64					
44	16.45	1.97					
45	16.64	2.28					
46	16.83	2.57					
47	16.99	2.85					
48	17.15	3.12					
49	17.29	3.4					
50	17.38	3.68					
51	17.47	3.96					
52	17.54	4.24					
53	17.59	4.5					
54	17.6	4.8					
55	17.47	5.25					
56	17.33	5.68					
57	17.18	6.11					
58	17.01	6.51					
59	16.83	6.89					
60	16.67	7.26					
61	16.51	7.62					
62	16.35	7.97					
63	16.19	8.31					
64	16.02	8.63					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T34
35	11.84	0.14					
36	12.53	0.27					
37	13.15	0.39					
38	13.69	0.54					
39	14.09	0.83					
40	14.53	1.09					
41	14.97	1.34					
42	15.36	1.58					
43	15.72	1.83					
44	16.02	2.07					
45	16.18	2.43					
46	16.31	2.78					
47	16.45	3.11					
48	16.56	3.42					
49	16.67	3.73					
50	16.75	4.05					
51	16.81	4.37					
52	16.85	4.67					
53	16.89	4.97					
54	16.91	5.26					
55	16.92	5.55					
56	16.84	5.91					
57	16.69	6.35					
58	16.53	6.78					
59	16.37	7.19					
60	16.18	7.58					
61	16	7.95					
62	15.82	8.31					
63	15.65	8.66					
64	15.49	9.01					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T35
36	12.11	0.2					
37	12.75	0.38					
38	13.31	0.54					
39	13.79	0.73					
40	14.14	1.06					
41	14.53	1.37					
42	14.91	1.66					
43	15.25	1.93					
44	15.55	2.21					
45	15.8	2.49					
46	15.94	2.86					
47	16.02	3.25					
48	16.11	3.61					
49	16.19	3.95					
50	16.25	4.29					
51	16.29	4.64					
52	16.31	4.98					
53	16.32	5.3					
54	16.32	5.63					
55	16.32	5.93					
56	16.3	6.24					
57	16.27	6.53					
58	16.11	6.98					
59	15.94	7.41					
60	15.77	7.83					
61	15.58	8.23					
62	15.39	8.61					
63	15.19	8.97					
64	15.01	9.32					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T36
37	12.33	0.28					
38	12.94	0.48					
39	13.48	0.66					
40	13.94	0.87					
41	14.25	1.24					
42	14.61	1.57					
43	14.96	1.88					
44	15.27	2.17					
45	15.54	2.47					
46	15.77	2.77					
47	15.88	3.15					
48	15.93	3.56					
49	16	3.94					
50	16.05	4.3					
51	16.06	4.68					
52	16.08	5.04					
53	16.08	5.4					
54	16.07	5.73					
55	16.05	6.06					
56	16.02	6.38					
57	15.99	6.69					
58	15.95	7					
59	15.83	7.37					
60	15.66	7.8					
61	15.48	8.22					
62	15.31	8.62					
63	15.11	9.01					
64	14.91	9.37					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T37
38	12.45	0.48					
39	13.02	0.71					
40	13.53	0.93					
41	13.97	1.15					
42	14.27	1.52					
43	14.61	1.86					
44	14.93	2.17					
45	15.22	2.48					
46	15.48	2.78					
47	15.69	3.08					
48	15.81	3.44					
49	15.82	3.89					
50	15.82	4.31					
51	15.8	4.74					
52	15.77	5.16					
53	15.73	5.55					
54	15.69	5.94					
55	15.64	6.3					
56	15.59	6.65					
57	15.53	7					
58	15.46	7.34					
59	15.39	7.67					
60	15.32	7.99					
61	15.2	8.34					
62	15.02	8.75					
63	14.85	9.13					
64	14.66	9.52					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T38
39	12.36	0.7					
40	12.86	0.99					
41	13.3	1.25					
42	13.69	1.51					
43	13.96	1.89					
44	14.28	2.24					
45	14.57	2.57					
46	14.83	2.89					
47	15.06	3.2					
48	15.25	3.51					
49	15.4	3.8					
50	15.37	4.29					
51	15.29	4.78					
52	15.24	5.25					
53	15.17	5.69					
54	15.1	6.12					
55	15.03	6.52					
56	14.95	6.91					
57	14.87	7.28					
58	14.79	7.63					
59	14.7	7.99					
60	14.61	8.34					
61	14.51	8.67					
62	14.42	9					
63	14.31	9.32					
64	14.08	9.75					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T39
40	12.49	0.9					
41	12.94	1.23					
42	13.33	1.52					
43	13.68	1.82					
44	13.91	2.24					
45	14.17	2.63					
46	14.41	3.01					
47	14.62	3.35					
48	14.8	3.7					
49	14.96	4.03					
50	15.08	4.36					
51	15.07	4.8					
52	14.98	5.3					
53	14.9	5.77					
54	14.82	6.22					
55	14.74	6.65					
56	14.65	7.06					
57	14.57	7.45					
58	14.48	7.82					
59	14.39	8.18					
60	14.29	8.52					
61	14.2	8.87					
62	14.1	9.2					
63	13.98	9.54					
64	13.83	9.9					

Longleaf Age	Natural PWCarbon	Med STCarbon	High	Ext	UI	ALL	T40
41	12.54	1.01					
42	12.94	1.37					
43	13.27	1.7					
44	13.56	2.04					
45	13.73	2.51					
46	13.92	2.95					
47	14.11	3.36					
48	14.26	3.75					
49	14.38	4.14					
50	14.48	4.51					
51	14.54	4.87					
52	14.44	5.4					
53	14.33	5.91					
54	14.22	6.41					
55	14.11	6.88					
56	14	7.33					
57	13.89	7.75					
58	13.78	8.17					
59	13.66	8.56					
60	13.55	8.93					
61	13.43	9.31					
62	13.31	9.68					
63	13.18	10.02					
64	13.05	10.36					

Longleaf Age	Natural PWCarbon	Med STCarbon	Low	Ext	UI	ALL	CC
15	0.29	0					
16	0.55	0					
17	0.89	0					
18	1.37	0					
19	1.93	0					
20	2.47	0					
21	3.1	0					
22	3.75	0					
23	4.43	0					
24	5.12	0					
25	5.83	0					
26	6.56	0					
27	7.27	0					
28	7.99	0					
29	8.69	0					
30	9.39	0					
31	10.08	0					
32	10.65	0.1					
33	11.18	0.23					
34	11.7	0.35					
35	12.24	0.45					
36	12.69	0.55					
37	13.01	0.82					
38	13.31	1.08					
39	13.63	1.34					
40	13.9	1.56					
41	14.16	1.81					
42	14.41	2.04					
43	14.65	2.27					
44	14.79	2.57					
45	14.84	2.96					
46	14.87	3.33					
47	14.89	3.71					
48	14.92	4.06					
49	14.92	4.41					
50	14.8	4.88					
51	14.67	5.34					
52	14.54	5.78					
53	14.43	6.19					
54	14.29	6.6					
55	14.1	7.07					
56	13.91	7.51					
57	13.73	7.93					
58	13.6	8.29					
59	13.42	8.69					
60	13.22	9.1					
61	13.02	9.51					
62	12.82	9.9					
63	12.63	10.27					

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