

WOODLAND MANAGEMENT AND PRODUCTIVITY
Calcasieu Parish, Louisiana: Official Detailed Soil Map Legend

(Only the soils suitable for production of commercial trees are listed)

Map symbol and soil name	Ordination symbol	Management concerns					Potential productivity			
		Erosion hazard	Equipment limitation	Seedling mortality	Wind-throw hazard	Plant competition	Common trees	Site index	Volume of wood fiber	Suggested trees to plant
Ac:									m3/ha	
ACADIA-----	---	---	---	---	---	---	loblolly pine----- longleaf pine----- slash pine----- sweetgum----- water oak-----	86 70 86 80 80	9 6 11 6 5	loblolly pine, slash pine
AE:										
ALLEMANDS-----	---	---	---	---	---	---	-----	---	---	---
AN:										
AQUENTS-----	---	---	---	---	---	---	-----	---	---	---
AR:										
ARAT-----	5W	Slight	Severe	Severe	---	---	baldcypress----- water tupelo-----	50 50	3 5	baldcypress
BA:										
BARBARY-----	4W	Slight	Severe	Severe	---	---	baldcypress----- black willow----- water tupelo-----	80 --- 60	4 --- 6	baldcypress
BB:										
BASILE-----	4W	Slight	Severe	Severe	Severe	Moderate	baldcypress----- laurel oak----- overcup oak----- sweetgum-----	--- --- --- 65	--- --- --- 4	overcup oak, sweetgum
GUYTON-----	8W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum-----	--- --- --- 80 ---	--- --- --- 8 ---	loblolly pine, sweetgum
Bh:										
BIENVILLE-----	10S	Slight	Severe	Moderate	Slight	Slight	loblolly pine----- longleaf pine----- shortleaf pine-----	96 88 75	10 8 8	loblolly pine, slash pine
Bn:										
BIENVILLE-----	10S	Slight	Severe	Moderate	Slight	Slight	loblolly pine----- longleaf pine----- shortleaf pine-----	96 88 75	10 8 8	loblolly pine, slash pine
CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
GUYTON-----	9W	Slight	Severe	Moderate	Severe	Severe	green ash----- loblolly pine----- slash pine----- southern red oak---- sweetgum----- water oak-----	--- 90 90 --- --- ---	--- 9 11 --- --- ---	loblolly pine, sweetgum
Bo:										
BRIMSTONE-----	11T	Slight	Severe	Moderate	---	---	loblolly pine----- slash pine-----	80 85	8 11	loblolly pine, slash pine
Cd:										
CADDO-----	10W	Slight	Severe	Moderate	Moderate	Severe	loblolly pine----- slash pine----- sweetgum-----	98 --- ---	10 --- ---	loblolly pine, slash pine
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- longleaf pine----- slash pine----- sweetgum-----	95 75 95 90	10 6 12 7	loblolly pine, slash pine

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		Erosion hazard	Equip-ment limita-tion	Seedling mortal-ity	Wind-throw hazard	Plant competi-tion	Common trees	Site index	Volume of wood fiber	
Ch: CAHABA-----	9A	Slight	Slight	Slight	Slight	Moderate	loblolly pine----- shortleaf pine----- slash pine----- southern red oak---- sweetgum----- tuliptree----- water oak-----	87 70 91 --- 90 --- ---	9 8 12 --- 7 --- ---	loblolly pine, slash pine, sweetgum, water oak
CO: CLOVELLY-----	---	---	---	---	---	---	-----	---	---	---
Cr: CROWLEY-----	11W	Slight	Severe	Moderate	Moderate	Severe	loblolly pine----- slash pine-----	90 90	9 11	loblolly pine, slash pine
VIDRINE-----	9W	Slight	Severe	Slight	---	---	loblolly pine----- slash pine----- sweetgum-----	90 90 ---	9 11 ---	loblolly pine, slash pine
Dm: DUMPS-----	---	---	---	---	---	---	-----	---	---	---
GB: GED-----	---	---	---	---	---	---	-----	---	---	---
GC: GENTILLY-----	---	---	---	---	---	---	-----	---	---	---
Ge: GLENMORA-----	10A	Slight	Moderate	Slight	Moderate	Severe	cherrybark oak----- loblolly pine----- longleaf pine----- slash pine----- sweetgum----- water oak-----	--- 93 --- --- --- ---	--- 10 --- --- --- ---	Shumard's oak, cherrybark oak, loblolly pine, slash pine
Gg: GORE-----	7C	Moderate	Moderate	Moderate	Slight	Slight	loblolly pine----- shortleaf pine----- slash pine-----	76 --- ---	7 --- ---	loblolly pine, slash pine
Go: GUYTON-----	9W	Slight	Severe	Moderate	Severe	Severe	green ash----- loblolly pine----- slash pine----- southern red oak---- sweetgum----- water oak-----	--- 90 90 --- --- ---	--- 9 11 --- --- ---	loblolly pine, sweetgum
GU: GUYTON-----	8W	Slight	Severe	Severe	Severe	Severe	Nuttall oak----- eastern cottonwood-- green ash----- loblolly pine----- sweetgum-----	--- --- --- 80 ---	--- --- --- 8 ---	loblolly pine, sweetgum
Gy: GUYTON-----	9W	Slight	Severe	Moderate	Severe	Severe	green ash----- loblolly pine----- slash pine----- southern red oak---- sweetgum----- water oak-----	--- 90 90 --- --- ---	--- 9 11 --- --- ---	loblolly pine, sweetgum
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine----- longleaf pine----- slash pine----- sweetgum-----	95 75 95 90	10 6 12 7	loblolly pine, slash pine

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Ju:									m3/ha	
JUDICE-----	7W	Slight	Severe	Severe	Severe	Severe	cherrybark oak-----	85	7	American
							eastern cottonwood--	100	9	sycamore,
							sweetgum-----	---	---	eastern
							water oak-----	---	---	cottonwood
Kd:										
KINDER-----	11W	Slight	Severe	Slight	---	---	loblolly pine-----	90	9	loblolly pine,
							slash pine-----	90	11	slash pine
									m3/ha	
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine-----	95	10	loblolly pine,
							longleaf pine-----	75	6	slash pine
							slash pine-----	95	12	
							sweetgum-----	90	7	
LE:										
LAROSE-----	---	---	---	---	---	---	-----	---	---	---
Lt:										
LETON-----	---	---	---	---	---	---	-----	---	---	---
Mb:										
MALBIS-----	9A	Slight	Slight	Slight	---	---	loblolly pine-----	90	9	loblolly pine,
							longleaf pine-----	80	7	slash pine
							slash pine-----	90	11	
Mg:										
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine-----	95	10	loblolly pine,
							longleaf pine-----	75	6	slash pine
							slash pine-----	95	12	
							sweetgum-----	90	7	
Mh:										
MESSER-----	10W	Slight	Moderate	Slight	Moderate	Moderate	loblolly pine-----	95	10	loblolly pine,
							longleaf pine-----	75	6	slash pine
							slash pine-----	95	12	
							sweetgum-----	90	7	
GUYTON-----	9W	Slight	Severe	Moderate	Severe	Severe	green ash-----	---	---	loblolly pine,
							loblolly pine-----	90	9	sweetgum
							slash pine-----	90	11	
							southern red oak----	---	---	
							sweetgum-----	---	---	
							water oak-----	---	---	
Mn:										
MIDLAND-----	4W	Slight	Severe	Moderate	---	---	eastern cottonwood--	---	---	eastern
							green ash-----	85	4	cottonwood
							sweetgum-----	90	7	
							water oak-----	90	6	
Mr:										
MOREY-----	9W	Slight	Severe	Severe	Slight	Severe	loblolly pine-----	90	9	loblolly pine,
							longleaf pine-----	80	7	slash pine
							southern red oak----	80	4	
Mt:										
MOWATA-----	9W	Slight	Severe	Moderate	Severe	Severe	loblolly pine-----	90	9	loblolly pine,
							slash pine-----	90	11	slash pine
							sweetgum-----	90	7	
VIDRINE-----	9W	Slight	Severe	Slight	---	---	loblolly pine-----	90	9	loblolly pine,
							slash pine-----	90	11	slash pine
							sweetgum-----	---	---	
Pt:										
PITS-----	---	---	---	---	---	---	-----	---	---	---

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UA: UDIFLUVENTS-----	---	---	---	---	---	---	-----	---	---	---
UN: UNA-----	8W	Slight	Severe	Severe	Moderate	Severe	Nuttall oak----- cherrybark oak----- eastern cottonwood-- green ash----- sweetgum----- water oak----- water tupelo----- willow oak-----	95 90 85 75 90 90 80 90	--- 8 6 3 7 6 8 6	Nuttall oak, green ash, sweetgum, water tupelo
Up: URBAN LAND-----	---	---	---	---	---	---	-----	---	---	---
Ur: URBO-----	10W	Slight	Moderate	Moderate	Moderate	Moderate	cherrybark oak----- eastern cottonwood-- green ash----- sweetgum-----	99 108 93 98	10 11 4 9	American sycamore, eastern cottonwood, loblolly pine, sweetgum, tuliptree
Vn: VIDRINE-----	9W	Slight	Severe	Slight	---	---	loblolly pine----- slash pine----- sweetgum-----	90 90 ---	9 11 ---	loblolly pine, slash pine