

2005 Loss to Beaver, Fire, and Annosus in S. C.

2005 Forest Health Aerial Survey Summary(1)

County	<u>Beaver-Caused Mortality(2)</u>			<u>Fire-Caused Mortality(3)</u>			<u>Annosus-Caused Mortality(7)</u>		
	Acres(4)	Cords(5)	Value(6)	Acres(4)	Cords(5)	Value(6)	Acres(4)	Cords(5)	Value(6)
Abbeville	85	1,700	\$30,600	60	1,200	\$21,600	0	0	\$0
Aiken	85	1,700	\$30,600	100	2,000	\$36,000	2350	4,700	\$84,600
Allendale	510	10,200	\$183,600	0	0	\$0	1590	3,180	\$57,240
Anderson	55	1,100	\$19,800	20	400	\$7,200	0	0	\$0
Bamberg	10	200	\$3,600	0	0	\$0	1860	3,720	\$66,960
Barnwell	25	500	\$9,000	5	100	\$1,800	1800	3,600	\$64,800
Beaufort	25	500	\$9,000	85	1,700	\$30,600	50	100	\$1,800
Berkeley	45	900	\$16,200	850	17,000	\$306,000	0	0	\$0
Calhoun	60	1,200	\$21,600	0	0	\$0	1520	3,040	\$54,720
Charleston	130	2,600	\$46,800	25	500	\$9,000	1150	2,300	\$41,400
Cherokee	225	4,500	\$81,000	0	0	\$0	0	0	\$0
Chester	320	6,400	\$115,200	5	100	\$1,800	0	0	\$0
Chesterfield	410	8,200	\$147,600	805	16,100	\$289,800	4860	9,720	\$174,960
Clarendon	105	2,100	\$37,800	750	15,000	\$270,000	3370	6,740	\$121,320
Colleton	210	4,200	\$75,600	470	9,400	\$169,200	820	1,640	\$29,520
Darlington	460	9,200	\$165,600	85	1,700	\$30,600	2280	4,560	\$82,080
Dillon	310	6,200	\$111,600	370	7,400	\$133,200	1100	2,200	\$39,600
Dorchester	55	1,100	\$19,800	125	2,500	\$45,000	300	600	\$10,800
Edgefield	105	2,100	\$37,800	300	6,000	\$108,000	200	400	\$7,200
Fairfield	465	9,300	\$167,400	0	0	\$0	0	0	\$0
Florence	375	7,500	\$135,000	205	4,100	\$73,800	1430	2,860	\$51,480
Georgetown	205	4,100	\$73,800	505	10,100	\$181,800	0	0	\$0
Greenville	130	2,600	\$46,800	125	2,500	\$45,000	0	0	\$0
Greenwood	155	3,100	\$55,800	5	100	\$1,800	0	0	\$0
Hampton	140	2,800	\$50,400	260	5,200	\$93,600	3410	6,820	\$122,760
Horry	710	14,200	\$255,600	860	17,200	\$309,600	370	740	\$13,320
Jasper	250	5,000	\$90,000	235	4,700	\$84,600	990	1,980	\$35,640
Kershaw	565	11,300	\$203,400	130	2,600	\$46,800	3640	7,280	\$131,040
Lancaster	115	2,300	\$41,400	10	200	\$3,600	820	1,640	\$29,520
Laurens	1060	21,200	\$381,600	0	0	\$0	0	0	\$0
Lee	595	11,900	\$214,200	290	5,800	\$104,400	4240	8,480	\$152,640
Lexington	1265	25,300	\$455,400	75	1,500	\$27,000	650	1,300	\$23,400
Marion	155	3,100	\$55,800	80	1,600	\$28,800	80	160	\$2,880
Marlboro	400	8,000	\$144,000	10	200	\$3,600	2490	4,980	\$89,640
McCormick	55	1,100	\$19,800	15	300	\$5,400	0	0	\$0
Newberry	380	7,600	\$136,800	100	2,000	\$36,000	0	0	\$0
Oconee	20	400	\$7,200	520	10,400	\$187,200	0	0	\$0
Orangeburg	95	1,900	\$34,200	115	2,300	\$41,400	1400	2,800	\$50,400
Pickens	5	100	\$1,800	0	0	\$0	0	0	\$0
Richland	585	11,700	\$210,600	0	0	\$0	2100	4,200	\$75,600
Saluda	75	1,500	\$27,000	15	300	\$5,400	260	520	\$9,360
Spartanburg	565	11,300	\$203,400	10	200	\$3,600	0	0	\$0
Sumter	1330	26,600	\$478,800	40	800	\$14,400	5560	11,120	\$200,160
Union	400	8,000	\$144,000	225	4,500	\$81,000	0	0	\$0
Williamsburg	600	12,000	\$216,000	440	8,800	\$158,400	1130	2,260	\$40,680
York	25	500	\$9,000	0	0	\$0	0	0	\$0
Total	13,950	279,000	\$5,022,000	8,325	166,500	\$2,997,000	51,820	103,640	\$1,865,520

1. Data from 5-6/2005 aerial survey; All counties surveyed at 20% intensity
2. Mortality includes acreage of trees killed since 5/04 by beaver impoundment
3. Mortality includes acreage of trees killed since 5/04 by fire
4. Acreage expanded to 100%.
5. Loss in cords estimated at 20 cords/ acre.
6. Value estimated at \$18/cord..
7. Mortality includes acreage of pine stands with apparent annosus mortality that occurred since 5/04 . (Calculated at 2 cords/ acre)

Survey Excludes Restricted Airspace