

Plot variables, Southern Forest Resource Assessment (SFRA) data base (DB), Southeast states (Florida 1989, 1995, Georgia 1989, North Carolina 1984, 1990, South Carolina 1986, 1993, Virginia 1986, 1992).
 1st Draft: November 21, 2000, Revised December 22, 2000 by Vic Rudis, USDA-FS-SRS-FIA
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Sequence	SFRA DB	Brief description
1	RECTYP	Record type=20 Plot-level data
2	STATE	State Federal Information Processing Standard (FIPS) code
3	UNIT	USDA Forest Service, Forest Inventory and Analysis (FIA) Unit code
4	COUNTY	County FIPS code
5	PLTNUM	Plot number
6	OWNER	Owner class as on the FIA Eastwide data base (EW), 0 otherwise
7	TYPCUR	Detailed forest type, same as on EW, 0 otherwise
8	TYPOLD	Detailed past forest type, same as on EW, 0 otherwise
9	STDAGE	Stand age, same as on EW, -9 otherwise
10	STDSIZE	Stand diameter (size) class as on EW, -9 otherwise
11	STORCUR	Stand origin as on EW, 0 otherwise
12	STOROLD	Stand origin prior survey as on EW, 0 otherwise
13	SITECL	Site productivity code 1 (highest) to 7 (lowest), 0 otherwise
14	SI	Site index
15	SIAGE	Site index base age
16	ADFOR	National Forest System (NFS) Administrative Code, 0 at present
17	GLUCUR	Ground Land Use: 20, 25, 40, 60, 91
18	GLUOLD	Ground Land Use prior survey as on EW, 0 otherwise
19	BA	Basal area in sq.ft/ac in 1.0+ inch dbh live trees, -9.9 otherwise
20	SLOPE	Percent slope, -9 otherwise
21	ASPECT	Aspect (0=level or flat when slope is 0), -9 otherwise
22	PHYSIO	Physiographic class, 0 otherwise
23	TREATOP	Treatment opportunity, codes 1-11, 0 otherwise
24	INHIBPC	Percent inhibiting vegetation, -9.9 otherwise
25	NONSTPC	Percent nonstocked, -9.9 otherwise
26	GRSTKPC	Percent growing stock stocking, -9.9 otherwise
27	ALSTKPC	Percent all live stocking, -9.9 otherwise
28	REMPER	Remeasurement period, years between surveys, -9.9 otherwise
29	EXPACR	Area (acres) expansion factor for earth cover
30	EXPVOL	Volume expansion factor, 0 for productive-reserved and nonforest earth cover
31	EXPGRO	Growth expansion factor for remeasured plots
32	EXPMOR	Mortality expansion factor for remeasured plots
33	EXPREM	Removals expansion factor for remeasured plots
34	LNG	Decimal degrees, 0.0 if no physical plot (record accounts for area only)
35	LAT	Decimal degrees, 0.0 if no physical plot (record accounts for area only)
36	MDATE	Date measured,YYMM, 0 if not known (MM=0 for these states)
37	PID	State*1000000+county*1000+pltnum
38	SDATE	Survey year
39	BCODE	Bailey Ecological Subregion 6-digit code, see SRS GTR-36
40	PRVNC	Province 3-digit code, see SRS-GTR-36
41	SECTN	Section 2-digit code, see SRS-GTR-36
42	POWNER	Owner class as on EW, prior survey, 0 otherwise
43	GLUCURX	Detailed land use, all plots
44	GLUOLDX	Detailed old land use, 0 at present
45	BA15	Basal area in sqft/ac in 15.0+ inch dbh live trees, -9.9 otherwise
46	SAP	Sapling density= trees/ac of 1.0 to 4.9 in trees, -9.9 otherwise
47	POLEHWD	Poletimber hwd density = trees/ac of 5.0 to 10.9 in hardwood trees, -9.9 otherwise
48	SAW	Sawtimber density = trees/ac of 11.0 to 20.9 inch dbh, -9.9 otherwise
49	SAWLG	Large sawtimber tree density = trees/ac of 20.9 inches and up dbh. -9.9 otherwise
50	SBE	Scenic beauty based on SAP, POLEHWD, SAW, -999.9 otherwise
51	SBE1	Scenic beauty, based on SAP, POLEHWD, SAW, and SAWLG, -999.9 otherwise.



		Note: SBE and SBE1 not calculated if no trees >1.0 in dbh are present
52	ACCPTNL	Access potential for building logging access roads: 1 (easy) to 4 (hard), -9 otherwise
53	RDDIS1	Distance (100s of ft) from nearest road, to 9,900 ft, -9 otherwise
54	ACCTRN	Terrain between plot and access road, for logging equipment: 0 to 5, -9 otherwise
55	OPERABLE	Operability for logging equipment, 1 to 7, -9 otherwise
56	CONDSZ	Size of condition: 1 to 999 acres, -9 otherwise
57	CONDSHP	Shape of condition: 1 to 6, -9 otherwise
58	NBRHDTYP	Neighborhood "landscape" type, (not surveyed prior to 1991) codes: 1 recreational, 2 high-density residential, 3 low-density residential, 4 agricultural, 5 forest, -9 otherwise
59	RSTSIGNX	Signs (posted, no trespass, or locked gate): 0 to 9, -9 otherwise
60	EDGEFRQ	Edge frequency (number): 0 to 9, within 832 ft radius (50 ac), -9 otherwise
61	WETLAND	Wetland classes: 1 to 8, (0 for timberland plots prior to 1990), -9 otherwise
62	WTRTYP	Water type (temp., perm., size) on plot: 0 (none) to 9 (other), -9 otherwise
63	WTRDIS1	Distance (100s of ft) from permanent water, to 9,900 ft, -9 otherwise
64	PCTFOR	Percent forest within 1/2 mi radius (500 ac), 1 to 99, -9 otherwise
65	TYPFRQ	Forest type frequency (number) within 1/2 mi radius (500 ac), 1 to 9, -9 otherwise
66	TREATOP1	Treatment opportunity: 0 to 9 (SEFIA codes), -9 otherwise
67	TRT1	Primary "significant" treatment: 0 (none) to 9 (other), -9 otherwise
68	TRT2	Second significant treatment: 0 (none) to 9 (other), -9 otherwise
69	TRT3	Third significant treatment: 0 (none) to 9 (other), -9 otherwise
70	DSTRB	Past disturbance/change: 0 (none) to 8 (other), 9 (reversion), -9 otherwise
71	BURNWILD	Significant fire disturbance: 0 (none), 1 (dstrb=3 wildfire), -9 otherwise
72	BURNMGT	Significant fire disturbance: 0 (none), 1 (dstrb=6 prescribed fire), -9 otherwise
73	BURN1	Burn evidence: 0 (none), 1 (dstrb=3 or 6), -9 otherwise
74	LVSTKDRB	Significant livestock disturbance: 0 (none), 1 (dstrb=7 grazing), -9 otherwise
75	LVSTKINT	Livestock grazing intensity: 0(none) to 3 (heavy), -9 otherwise
76	LVSTK1	Lvstk use: 0 (lvstkdrb & lvstkint=0), 1 (lvstkdrb>0 or lvstkint>0), -9 otherwise
77	FENCE1	Fence: 0 (none or inadequate), 1 (adequate) for livestock grazing, -9 otherwise
78	USEINT	People use: 0 (none) to 3 (heavy), -9 otherwise
79	TRDTYP	Trail or road type: 0 to 7, -9 otherwise
80	WLDCOVER	Wildlife cover: 0 to 9, -9 otherwise
81	SEASON	Season: 1 (growing), 2 (dormant), -9 otherwise.
82	CNCLMNT	Vegetative concealment: 1(least) to 4 (most). Use with "season." -9 otherwise
83	SEEDSRC	Prospect for natural seeding: 0 (inadequate), 1 (adequate), -9 otherwise
84	RMNTPINE	Remnant pine trees (10"+ dbh, 50 yrs+ in <50 yr stand): 0 to 9, -9 otherwise
85	STEXTURE	Soil texture: 1 sand, 2 sandy loam, 3 loam, clay loam, 5 clay, -9 otherwise
86	EROSNINT	Erosion intensity: 0 (none) to 3 (high), -9 otherwise
87	SLITTERD	Litter depth: 0 to 9, rounded from 0 (<0.5 inch), 0.1 to 9.4 inches, a soil attribute, -9 otherwise
88	SHUMUSD	Humus depth: 0 to 9, rounded from 0 (<0.5 inch), 0.1 to 9.4 inches, a soil attribute, -9 otherwise
89	HUC	8-digit hydrologic unit code
		Selected invasive exotics:
90	lonjap	Japanese honeysuckle: 0 absent, 1 present, -9 otherwise
91	puelob	Kudzu: 0 absent, 1 present, -9 otherwise
92	ligspp	Privet spp.: 0 absent, 1 present, -9 otherwise
93	rosspp	Wild rose: 0 absent, 1 present, -9 otherwise
94	ailspp	Ailanthus spp.: 0 absent, 1 present, -9 otherwise
95	pautom	Paulownia tomentosa: 0 absent, 1 present, -9 otherwise
96	melqui	Melaleuca: 0 absent, 1 present, -9 otherwise

		NBR1 through NBR4 are proximity of 1st through 4th nearest nonforest land use.
97	NBR1	Neighborhood land use nearest the plot, 0 if >9900 ft, -9 otherwise
98	NBR1DIS	Distance from NBR1, 1 to 99, in 100s of ft, -9 otherwise
99	NBR2	Neighborhood land use, 2nd nearest the plot, 0 if >9900 ft, -9 otherwise
100	NBR2DIS	Distance from NBR2, 1 to 99, in 100s of ft, -9 otherwise
101	NBR3	Neighborhood land use, 3rd nearest the plot, 0 if >9900 ft, -9 otherwise
102	NBR3DIS	Distance from NBR3, 1 to 99, in 100s of ft, -9 otherwise
103	NBR4	Neighborhood land use, 4th nearest the plot, 0 if >9900 ft, -9 otherwise
104	NBR4DIS	Distance from NBR4, 1 to 99, in 100s of ft, -9 otherwise
		Variables 105 through 115 are derived from NBR1-NBR4 and NBR1DIS-NBR4DIS, and a code beyond a 5300 ft threshold (WTR3DIS, 1600 ft) .
105	RD1DIS	Distance from major highways, 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise
106	RD2DIS	Distance from other roads, 100s of ft, 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise
107	RD3DIS	Distance from roads (min [RD1DIS, RD2DIS])
108	URB1DIS	Distance from "urban buildup" 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise
109	URB3DIS	Distance from urban (min[URB1DIS, RD1DIS])
110	AGR1DIS	Distance from agricultural land, 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise
111	WTR1DIS	Distance from lake or seashore, 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise
112	WTR2DIS	Distance from river or streams, 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise
113	WTR3DIS	Distance from water (min [WTR1DIS, WTR2DIS]) to 1600 ft, 17 is >1600 ft, -9 otherwise
114	ROWDIS	Distance from right-of-ways in 100s of ft, to 5300 ft, 76 is >5300 ft, -9 otherwise
115	OTHDIS	Distance from other land, 1 to 53, in 100s of ft, 76 is >5300 ft, -9 otherwise

Documentation on added nontimberland proximity variables:

Derived from

Variable	NBR, coded	Brief description: Distance from ... to 5300 ft unless noted.
RD1DIS	7	Major highway
RD2DIS	8	Other road
RD3DIS	7,8	Major highway or other road
URB1DIS	1	Urban use
URB3DIS	1,7	Urban or built-up land
AGR1DIS	5	Agricultural land
WTR1DIS	2	Water body (lake, seashore) >30 ft wide
WTR2DIS	3	Water course (river, stream) >30 ft wide
WTR3DIS	2,3	Water body or water course >30 ft wide. Distance to 1600 ft.
ROWDIS	9	Right-of-way

NBR Code Land use or cover (no size limitation unless noted) class used with NBR1 through NBR4: Land use/cover description

1	Urban use -- urban buildup (sic): residential, industrial, recreation developments, and strip mining operations. Includes areas with concentrations of houses, cabins, or vacation homes.
2	Lake, seashore -- >30 ft wide. including inlets, necks and coves attached to larger bodies of open water
3	River, stream -- >30 ft wide, including canals, and "within the influence zone of the forest location."
4	Reserved timberland -- including parks and campgrounds not considered "urban buildup."
5	Agricultural land -- cropland, improved pasture, idle farmland, other farmland.
6	Other land -- marsh, natural rangeland, and unproductive forest land
7	Major highway -- interstate and other U.S. highway, or heavily-traveled state road.
8	Other roads -- other state and county, or well-maintained road.
9	Right-of-way -- for powerline, railroad, gasoline, etc.