

Reference for SAF types

Eyre, F.H., 1980, Forest Cover Types of the United States and Canada: Society of American Foresters, 148p.

List of types follows:

# Table 1.

## INDEX OF EASTERN FOREST COVER TYPES

SAF type group, type name, and type number	Page number	RRE <sup>1</sup> type group	SAF type group, type name, and type number	Page number	RRE <sup>1</sup> type group
<b>BOREAL FOREST REGION</b>					
<i>Boreal conifers</i>					
Jack pine (1) .....	8	1	Sugar maple—basswood (26) ...	31	9
Balsam fir (5) .....	10	2	Black cherry—maple (28) <sup>3</sup> .....	32	9
Black spruce (12) .....	11	2	Beech—sugar maple (60) .....	33	9
Black spruce—tamarack (13) ...	14	2	Red maple (108) <sup>2</sup> .....	34	9
White spruce (107) <sup>2</sup> .....	15	2	<i>Other northern types</i>		
Tamarack (38) .....	15	2	Northern pin oak (14) .....	35	6
<i>Boreal hardwoods</i>			Gray birch—red maple (19) ....	36	10
Aspen (16) .....	16	10	Black ash—American elm—		
Pin cherry (17) .....	17	10	red maple (39) .....	37	8
Paper birch (18) .....	18	10	Hawthorn (109) <sup>2</sup> .....	38	6 or 9
<b>NORTHERN FOREST REGION</b>			<b>CENTRAL FOREST REGION</b>		
<i>Spruce-fir types</i>			<i>Upland oaks</i>		
Red spruce (32) .....	19	2	Post oak—blackjack oak (40) <sup>3</sup> ..	38	6
Red spruce—balsam fir (33) ....	19	2	Bur oak (42) .....	39	6
Red spruce—Fraser fir (34) ....	20	2	Bear oak (43) .....	40	6
Red spruce—yellow birch (30) ..	21	2	Chestnut oak (44) .....	41	6
Red spruce—sugar maple—			White oak—black oak—		
beech (31) .....	22	2	northern red oak (52) <sup>3</sup> .....	41	6
Paper birch—red spruce—			White oak (53) .....	42	6
balsam fir (35) .....	23	2	Black oak (110) <sup>2</sup> .....	43	6
Northern white-cedar (37) .....	23	2	Northern red oak (55) .....	43	6
<i>Pine and hemlock types</i>			<i>Other central types</i>		
Red pine (15) .....	24	1	Black locust (50) .....	44	6
Eastern white pine (21) <sup>3</sup> .....	25	1	Yellow-poplar (57) .....	45	6
White pine—hemlock (22) .....	26	1	Yellow-poplar—eastern		
Eastern hemlock (23) <sup>3</sup> .....	27	1	hemlock (58) <sup>3</sup> .....	46	6
White pine—northern red oak—			Yellow-poplar—white oak—		
red maple (20) <sup>3</sup> .....	27	1	northern red oak (59) .....	46	6
White pine—chestnut oak (51) ..	28	1	River birch—sycamore (61) ....	47	7
Hemlock—yellow birch (24) ...	29	1 or 9	Silver maple—American		
<i>Northern hardwoods</i>			elm (62) .....	48	8
Sugar maple (27) .....	29	9	Sassafras—persimmon (64) ....	48	6
Sugar maple—beech—			Pin oak—sweetgum (65) .....	48	7
yellow birch (25) .....	31	9	Pitch pine (45) .....	49	4
			Eastern redcedar (46) .....	50	5 or 6

SAF type group, type name, and type number	Page number	RRE <sup>1</sup> type group
<b>SOUTHERN FOREST REGION</b>		
<i>Southern yellow pines</i>		
Sand pine (69) .....	51 .....	4
Longleaf pine (70) .....	51 .....	3
Longleaf pine—slash pine (83) ..	52 .....	3
Shortleaf pine (75) .....	53 .....	4
Virginia pine (79) .....	54 .....	4
Loblolly pine (81) .....	55 .....	4
Loblolly pine—shortleaf pine (80) .....	56 .....	4
Slash pine (84) .....	56 .....	3
South Florida slash pine (111) <sup>2</sup> ..	57 .....	3
Pond pine (98) .....	58 .....	4
<i>Oak-pine types</i>		
Longleaf pine—scrub oak (71) ..	59 .....	5
Shortleaf pine—oak (76) .....	60 .....	5
Virginia pine—oak (78) <sup>3</sup> .....	60 .....	5
Loblolly pine—hardwood (82) ..	61 .....	5
Slash pine—hardwood (85) .....	61 .....	5
<i>Bottomland types</i>		
Cottonwood (63) .....	62 .....	8
Willow Oak—water oak—diamondleaf oak (88) <sup>3</sup> .....	63 .....	7
Live oak (89) .....	63 .....	7
Swamp chestnut oak—cherrybark oak (91) .....	64 .....	7
Sweetgum—willow oak (92) .....	64 .....	7
Sugarberry—American elm—green ash (93) .....	65 .....	8
Sycamore—sweetgum—American elm (94) <sup>3</sup> .....	65 .....	8

SAF type group, type name, and type number	Page number	RRE <sup>1</sup> type group
Black willow (95) .....	66 .....	8
Overcup oak—water hickory (96) .....	66 .....	7
Baldcypress (101) .....	67 .....	7
Baldcypress—tupelo (102) .....	68 .....	7
Water tupelo—swamp tupelo (103) <sup>3</sup> .....	69 .....	7
Sweetbay—swamp tupelo—redbay (104) .....	69 .....	7
<i>Other southern types</i>		
Ashe juniper—redberry (Pinchot) juniper (66) .....	70 .....	
Mohrs (“shin”) oak (67) .....	71 .....	6
Mesquite (68) .....	71 .....	
Southern scrub oak (72) .....	72 .....	6
Southern redcedar (73) .....	73 .....	4
Cabbage palmetto (74) <sup>3</sup> .....	73 .....	5
Sweetgum—yellow-poplar (87) ..	74 ..	6 or 7
Atlantic white-cedar (97) .....	75 .....	7
Pondcypress (100) .....	75 .....	7

**TROPICAL FOREST REGION (FLORIDA ONLY)**

Tropical hardwoods (105) <sup>3</sup> .....	76 .....
Mangrove (106) .....	76 .....

<sup>1</sup> See page 3 for names of type groups.

<sup>2</sup> Newly recognized type.

<sup>3</sup> Name changed from that given in 1954 classification.

## Table 2.

### INDEX OF WESTERN FOREST COVER TYPES

SAF type group, type name, and type number	Page number	RRE <sup>1</sup> type group	SAF type group, type name, and type number	Page number	RRE <sup>1</sup> type group
<b>NORTHERN INTERIOR (BOREAL)</b>			<b>Western hemlock—Sitka</b>		
White spruce (201) . . . . .	81	17	spruce (225) <sup>3</sup> . . . . .	103	12
White spruce—aspens (251) . . . . .	82	17	Coastal true fir—hemlock (226) <sup>3</sup> . . . . .	103	12
White spruce—paper birch (202) <sup>3</sup> . . . . .	82	17	Western redcedar—western hemlock (227) . . . . .	104	12
Paper birch (252) <sup>2</sup> . . . . .	83	20	Western redcedar (228) . . . . .	105	12
Balsam poplar (203) <sup>3</sup> . . . . .	83	20	Pacific Douglas-fir (229) . . . . .	106	11
Black spruce (204) . . . . .	83	17	Douglas-fir—western hemlock (230) . . . . .	107	11
Black spruce—white spruce (253) <sup>2</sup> . . . . .	84	17	Port Orford-cedar (231) <sup>3</sup> . . . . .	108	11
Black spruce—paper birch (254) <sup>2</sup> . . . . .	85	17	Redwood (232) . . . . .	109	18
<b>HIGH ELEVATIONS</b>			Oregon white oak (233) . . . . .	110	20
Mountain hemlock (205) <sup>3</sup> . . . . .	85	17	Douglas-fir—tanoak— Pacific madrone (234) <sup>3</sup> . . . . .	111	11
Engelmann spruce— subalpine fir (206) . . . . .	86	17	<b>LOW ELEVATIONS, INTERIOR</b>		
Red fir (207) . . . . .	87	17	Cottonwood—willow (235) . . . . .	113	20
Whitebark pine (208) . . . . .	88	19	Bur oak (236) . . . . .	113	20
Bristlecone pine (209) . . . . .	89	19	Interior ponderosa pine (237) . . . . .	114	13
California mixed subalpine (256) <sup>2</sup> . . . . .	90	17	Western juniper (238) . . . . .	115	13
<b>MIDDLE ELEVATIONS, INTERIOR</b>			Pinyon—juniper (239) . . . . .	116	19
Interior Douglas-fir (210) . . . . .	91	11	Arizona cypress (240) . . . . .	117	13
White fir (211) . . . . .	92	17	Western live oak (241) <sup>3</sup> . . . . .	118	20
Western larch (212) <sup>3</sup> . . . . .	93	16	Mesquite (242) . . . . .	118	13
Grand fir (213) <sup>3</sup> . . . . .	94	17	<b>SOUTH PACIFIC</b>		
Western white pine (215) . . . . .	94	14	<b>EXCEPT FOR HIGH MOUNTAINS</b>		
Blue spruce (216) . . . . .	95	17	Sierra Nevada mixed conifer (243) . . . . .	118	17
Aspen (217) . . . . .	96	20	Pacific ponderosa pine— Douglas-fir (244) . . . . .	120	13
Lodgepole pine (218) . . . . .	97	15	Pacific ponderosa pine (245) . . . . .	120	13
Limber pine (219) . . . . .	98	19	California black oak (246) . . . . .	122	19
Rocky Mountain juniper (220) . . . . .	99	19	Jeffrey pine (247) . . . . .	123	13
<b>NORTH PACIFIC</b>			Knobcone pine (248) . . . . .	124	19
Red alder (221) . . . . .	100	20	Canyon live oak (249) . . . . .	125	20
Black cottonwood—willow (222) . . . . .	100	20	Blue oak—Digger pine (250) <sup>3</sup> . . . . .	126	19
Sitka spruce (223) . . . . .	101	12	California coast live oak (255) <sup>2</sup> . . . . .	127	20
Western hemlock (224) . . . . .	102	12			

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