

Appendix B. Existing Unit Conditions

Below are existing unit conditions for the South Fivemile project area. Unit conditions were determined through a variety of walk through, common stand exam, LiDAR mapping, and gradient nearest neighbor data available in the area. All numbers are approximate.

Unit	Acres	Trees Per Acre	Basal Area (square ft/acre)	Stand Density Index	Height (ft)	Quadratic Mean Diameter (in)	Age (Dominant & Codominant Canopy)	Total Canopy Cover %	Snags Per Acre (>12" DBH)	Down Woody Pieces Per Acre (>12" Diameter)	Treatment (Commercial or Non-commercial)
1	35	155	160	259	77	13.8	65	55	0.0	0.0	Commercial
2	16	84	75	125	85	12.8	93	30	3.3	1.7	Commercial
3	44	376	161	310	77	8.9	93	58	0.3	0.0	Commercial
4	47	516	150	311	98	7.3	186	58	0.0	1.3	Commercial
5	9	540	169	345	95	7.6	103	63	0.0	0.0	Commercial
6	42	76	140	202	118	18.3	112	45	2.5	0.0	Commercial
7	13	88	160	231	89	18.3	89	53	0.0	0.0	Commercial
8	113	136	153	243	86	14.3	105	50	0.2	1.4	Commercial
9	44	913	161	368	72	5.7	91	56	0.0	1.3	Commercial
10	9	224	161	279	98	11.5	97	56	0.0	1.7	Commercial
11	67	140	181	281	101	15.4	98	56	0.5	0.8	Commercial
12	30	261	160	287	94	10.6	101	49	0.0	0.0	Commercial
13	56	273	190	332	91	11.3	89	59	7.5	0.0	Commercial
14	14	649	102	239	85	5.4	119	33	16.7	0.0	Commercial
15	41	273	190	332	91	11.3	89	59	7.5	1.3	Commercial
16	56	251	243	398	116	13.3	104	65	16.0	3.0	Commercial
17	31	256	228	380	110	12.8	91	65	2.5	3.8	Commercial
18	6	1030	232	507	78	6.4	51	78	10.0	8.3	Commercial
19	42	4139	262	735	95	3.4	88	87	10.0	1.3	Commercial
20	21	592	164	343	88	7.1	112	66	13.3	0.0	Commercial
21	16	1223	180	428	108	5.2	107	44	0.0	0.0	Commercial
22	59	143	152	244	81	14.0	97	50	0.0	2.0	Commercial
23	36	162	150	247	82	13.0	96	54	0.0	1.7	Commercial
24	55	405	229	417	93	10.2	93	62	2.9	2.1	Commercial
25	66	313	187	337	78	10.5	88	61	8.3	3.8	Commercial
26	9	821	214	453	67	6.9	50	73	0.0	0.0	Commercial
27	57	149	200	307	100	15.7	87	55	0.0	5.0	Commercial
28	72	289	200	350	85	11.3	99	59	6.0	1.0	Commercial
29	58	137	200	302	94	16.4	109	52	10.0	6.0	Commercial
30	40	121	140	221	92	14.5	84	43	5.0	3.3	Commercial
31	19	573	216	425	110	8.3	96	54	6.7	8.3	Commercial
32	5	457	200	383	119	9.0	121	48	16.7	0.0	Commercial
33	16	276	310	493	113	14.3	170	68	0.0	5.0	Commercial
34	35	139	174	270	92	15.1	95	53	6.7	0.0	Commercial
35	15	1350	245	559	87	5.8	65	87	0.0	5.0	Commercial
36	48	595	132	288	87	6.4	118	45	12.5	7.9	Commercial
37	30	353	324	535	108	13.0	109	68	0.0	6.7	Commercial
38	36	1366	253	575	117	5.8	119	57	0.0	1.7	Commercial
39	7	402	152	291	94	21	124	69	28	NA	Commercial
40	11	135	244	354	118	18.2	113	53	0.0	0.0	Commercial
41	7	675	192	401	85	7.2	121	71	20.0	0.0	Commercial

South Fivemile Insect and Disease

Unit	Acres	Trees Per Acre	Basal Area (square ft/acre)	Stand Density Index	Height (ft)	Quadratic Mean Diameter (in)	Age (Dominant & Codominant Canopy)	Total Canopy Cover %	Snags Per Acre (>12" DBH)	Down Woody Pieces Per Acre (>12" Diameter)	Treatment (Commercial or Non-commercial)
42	19	263	163	292	89	10.7	93	48	6.7	0.0	Commercial
43	53	253	177	308	87	11.3	112	51	12.0	1.0	Commercial
44	13	151	190	295	94	15.2	98	58	13.3	8.3	Commercial
45	19	2259	110	325	69	3.0	84	58	10.0	0.0	Commercial
46	28	262	208	354	101	12.1	106	58	13.3	0.0	Commercial
47	50	447	192	369	109	8.9	116	58	10.0	1.0	Commercial
48	3	160	227	344	105	16.1	95	55	3.3	0.0	Commercial
49	12	186	292	434	123	17.0	132	64	3.3	0.0	Commercial
50	23	729	205	428	85	7.2	87	70	13.8	3.1	Commercial
51	18	93	173	250	95	18.5	176	54	3.3	0.0	Commercial
52	6	76	240	311	110	24.1	130	53	0.3	0.0	Commercial
53	46	722	165	359	90	6.5	87	66	5.0	2.9	Commercial
54	49	1194	205	472	104	5.6	120	56	15.0	10.0	Commercial
55	14	2816	160	459	92	3.2	86	54	3.3	3.3	Commercial
56	20	2705	192	526	78	3.6	108	78	13.3	3.3	Commercial
57	7	307	60	135	24	6.0	NA	11	0.0	0.0	Commercial
58	13	343	182	336	93	9.9	133	59	11.7	0.0	Commercial
59	12	103	173	254	87	17.6	218	36	13.3	1.7	Commercial
60	23	313	58	131	32	5.8	21	46	0.0	0.0	Non-commercial
61	17	293	134	254	49	9.2	25	70	0.0	0.0	Non-commercial
62	13	546	36	100	31	3.5	23	34	0.0	0.0	Non-commercial
63	24	134	120	199	55	12.8	84	48	1.3	1.7	Non-commercial
64	162	717	43	121	30	3.3	84	30	0.1	0.0	Non-commercial
65	46	684	40	114	39	3.3	104	20	0.8	3.8	Non-commercial
66	7	465	47	120	26	4.3	75	32	0.3	0.0	Non-commercial
67	20	1084	60	172	30	3.2	52	53	0.0	0.0	Non-commercial
68	24	178	53	110	47	7.4	95	28	0.3	0.0	Non-commercial
69	49	356	69	155	55	5.9	105	24	0.0	0.0	Non-commercial
70	12	1363	28	98	40	1.9	41	22	0.0	0.0	Non-commercial
71	17	536	56	142	46	4.4	31	31	0.0	1.7	Non-commercial
72	15	206	27	65	37	4.9	37	22	0.0	0.0	Non-commercial
73	24	342	40	99	31	4.6	28	28	0.0	3.3	Non-commercial
74	8	1296	20	74	26	1.7	28	13	0.0	3.3	Non-commercial
75	25	1916	135	370	91	3.6	117	37	10.0	0.0	Non-commercial
76	9	2935	211	576	82	3.6	67	89	0.0	6.7	Non-commercial
77	8	1664	46	152	55	2.2	30	52	0.0	0.0	Non-commercial
78	108	530	73	176	55	5.0	94	39	0.0	0.0	Non-commercial
79	13	760	92	228	49	4.7	21	60	0.0	0.0	Non-commercial
80	49	5370	119	411	69	2.0	91	65	12.5	1.3	Non-commercial
82	8	3174	178	511	63	3.2	34	60	0.0	0.0	Non-commercial
83	28	640	60	156	50	4.2	65	28	0.0	1.7	Non-commercial
84	12	101	90	150	73	12.8	32	33	0.0	0.0	Non-commercial
85	68	127	76	137	70	10.5	96	30	2.9	0.0	Non-commercial
86	22	259	61	132	40	6.6	144	27	0.0	0.0	Non-commercial
87	22	175	100	182	73	10.2	45	50	0.0	1.7	Non-commercial
88	14	408	28	78	36	3.6	61	29	0.0	1.7	Non-commercial
89	145	832	99	246	78	4.7	78	45	5.0	2.1	Non-commercial
90	10	744	63	167	37	3.9	23	41	0.0	0.0	Non-commercial
91	8	1393	205	486	70	5.2	58	78	6.7	0.0	Non-commercial
92	10	2053	164	438	93	3.8	89	57	10.0	0.0	Non-commercial
93	16	420	213	397	62	9.6	28	70	0.0	0.0	Non-commercial
94	30	167	81	153	61	9.5	165	29	0.0	5.0	Non-commercial
95	56	316	87	163	36	13	142	46	4.7	NA	Non-commercial
96	14	261	202	345	66	11.9	27	68	0.0	0.0	Non-commercial
97	8	572	80	192	63	5.1	180	19	0.0	2.5	Non-commercial

Barlow Ranger District, Mt. Hood National Forest

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98	14	1,000	80	250	40	3.5	45	30	2	0	Non-commercial