

Hohman Forest Inventory

Stand Table

Monday, March 15, 2021

Stand Demo					Design	90 BAF			Source	Cruise		Current	Cruised	
Unit	801420				Plots	20			Cruise	2021		Inv Yr	2020	
Area	32.50	Maj Sp	RW	SI	123	Calib	SWO ORGANON			Crs Yr	2021		Tot Age	107
QMDS	28.2	QMD	32.8 ±6.5			Strata							BH Age	100
Notes														
DBH		Avg		Tot		Board			Cubic			Carbon	User	
Class	DBH	TPA	BA	Ht		Total	Gross	Net	Total	Gross	Net	Tons	Tons	
Total		31.7		121.3		5,009m	4,983m	4,367m	829,939	819,703	721,492	2,264.6		
Per Acre				152.8	661.5	154,133	153,310	134,371	25,537	25,222	22,200	69.7		
SE		8%	18%	9%		9%	9%	10%	9%	9%	10%	32%		
95% CI		6.7	68.0	154.0		35,395	35,264	32,813	5,838	5,759	5,439	55.9		
CV		0.37	0.78	0.41		0.40	0.41	0.43	0.40	0.40	0.43	1.4		

Douglas Fir		Site Index		123.00	QMD 47.3 ±11.7		Plots 20		Trees 5		
40	40.0	0.5	4.5	160.0	1,543	1,537	1,076	230	228	160	4.4
46	46.0	0.4	4.5	170.0	1,612	1,610	0	236	236	0	4.7
48	48.0	0.4	4.5	166.9	1,541	1,541	1,494	228	228	221	4.8
50	50.1	0.3	4.5	168.5	1,591	1,590	1,542	228	227	221	4.9
58	59.5	0.2	4.5	170.0	1,524	1,522	837	220	220	121	5.3
Total	47.1			166.3	253,842	253,495	160,858	37,145	37,008	23,466	786.1
Per Acre		1.8	22.5		7,811	7,800	4,949	1,143	1,139	722	24.2
SE	10%	69%	70%		70%	70%	80%	70%	70%	80%	71%
95% CI	11.5	3.2	40.2		13,926	13,909	10,068	2,034	2,027	1,463	43.6

Red Alder		Site Index		100.00	QMD ±		Plots 20		Trees 1		
0		0.1		4.0				0	0	0	
Total				4.0				0	0	0	
Per Acre			4.5					0	0	0	
SE			100%					0%	0%	0%	
95% CI			11.4					0	0	0	

Redwood		Site Index		123.00	QMD 35.6 ±6.9		Plots 20		Trees 124		
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Area	32.50	Maj Sp	RW	SI 123	Calib	SWO ORGANON			Crs Yr	2021		Tot Age	107
QMDS	28.2	QMD	32.8 ±6.5		Strata							BH Age	100
Notes													
DBH		Avg		Tot		Board			Cubic			Carbon	User
Class		DBH	TPA	BA	Ht	Total	Gross	Net	Total	Gross	Net	Tons	Tons
Total		31.7			121.3	5.009m	4.983m	4.367m	829,939	819,703	721,492	2,264.6	
Per Acre			152.8	661.5		154,133	153,310	134,371	25,537	25,222	22,200	69.7	
SE		8%	18%	9%		9%	9%	10%	9%	9%	10%	32%	
95% CI		6.7	68.0	154.0		35,395	35,264	32,813	5,838	5,759	5,439	55.9	
CV		0.37	0.78	0.41		0.40	0.41	0.43	0.40	0.40	0.43	1.4	

Redwood Site Index 123.00 QMD 35.6 ±6.9 Plots 20 Trees 124

16	17.4	5.4	9.0	98.4	1,584	1,584	1,537	336	331	321
18	18.3	7.4	13.5	100.1	2,450	2,450	2,376	506	499	484
20	20.8	7.7	18.0	104.9	3,549	3,508	3,403	687	672	652
22	22.8	14.3	40.5	103.5	7,875	7,763	6,123	1,492	1,452	1,132
24	24.5	9.6	31.5	112.9	7,025	6,985	6,698	1,243	1,225	1,174
26	26.7	11.6	45.0	111.1	9,748	9,733	9,213	1,709	1,697	1,607
28	28.8	10.9	49.5	115.9	10,664	10,619	10,045	1,824	1,804	1,704
30	30.6	6.2	31.5	112.9	6,980	6,950	5,424	1,179	1,168	914
32	32.9	6.9	40.5	122.0	9,929	9,895	8,031	1,589	1,576	1,280
34	34.8	6.1	40.5	124.9	10,235	10,191	9,782	1,618	1,602	1,538
36	36.7	3.7	27.0	127.2	6,857	6,821	6,026	1,077	1,063	940
38	38.5	5.6	45.0	124.8	11,000	10,989	9,279	1,721	1,714	1,439
40	40.7	5.5	49.5	128.7	12,471	12,470	11,871	1,947	1,943	1,850
42	42.7	2.7	27.0	130.4	6,802	6,800	6,254	1,067	1,065	980
44	44.7	2.5	27.0	132.1	6,843	6,840	6,277	1,059	1,056	969
46	46.5	1.1	13.5	149.4	4,042	4,040	3,435	608	606	516
48	49.1	0.7	9.0	133.9	2,294	2,291	2,222	351	350	340
50	50.0	0.3	4.5	134.5	1,123	1,121	1,088	176	175	170
52	52.0	0.3	4.5	135.6	1,166	1,164	1,129	176	175	170
54	55.4	0.3	4.5	137.4	1,155	1,152	1,118	176	175	170
58	58.4	0.5	9.0	146.9	2,544	2,539	1,130	375	373	170
60	60.7	0.4	9.0	149.8	2,585	2,583	1,132	380	379	170
62	62.0	0.2	4.5	140.6	1,173	1,173	1,137	176	176	171
68	69.5	0.2	4.5	160.0	1,378	1,378	825	198	198	119

Total	35.0			122.6	4,272,786	4,258,741	3,755,546	704,251	697,891	616,812
Per Acre		109.9	558.0		131,470	131,038	115,555	21,669	21,474	18,979
SE	8%	18%	13%		13%	13%	13%	13%	13%	14%
95% CI	7.0	49.5	190.2		43,050	42,887	39,479	7,199	7,122	6,598

Sitka Spruce Site Index 100.00 QMD 24.5 ±11.5 Plots 20 Trees 16

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Area	32.50	Maj Sp	RW	SI	123	Calib	SWO ORGANON			Crs Yr	2021		Tot Age	107
QMDS	28.2	QMD	32.8 ±6.5			Strata							BH Age	100
Notes														
DBH		Avg		Tot		Board			Cubic			Carbon	User	
Class	DBH	TPA	BA	Ht		Total	Gross	Net	Total	Gross	Net	Tons	Tons	
Total		31.7		121.3		5,009m	4,983m	4,367m	829,939	819,703	721,492	2,264.6		
Per Acre				152.8	661.5	154,133	153,310	134,371	25,537	25,222	22,200	69.7		
SE		8%	18%	9%		9%	9%	10%	9%	9%	10%	32%		
95% CI		6.7	68.0	154.0		35,395	35,264	32,813	5,838	5,759	5,439	55.9		
CV		0.37	0.78	0.41		0.40	0.41	0.43	0.40	0.40	0.43	1.4		

Sitka Spruce					Site Index	100.00	QMD	24.5 ±11.5	Plots	20	Trees	16
8	8.3	12.0	4.5	78.4	431	239	232	105	55	53	1.8	
12	13.1	4.8	4.5	91.0	526	497	448	121	111	100	2.1	
14	15.3	7.1	9.0	105.9	1,228	1,187	1,151	278	263	255	4.5	
16	16.7	8.9	13.5	110.5	1,943	1,847	1,791	434	408	396	7.0	
24	25.1	2.6	9.0	127.8	1,797	1,791	1,738	329	325	315	5.3	
26	27.4	2.2	9.0	121.3	1,739	1,730	1,542	313	309	276	5.5	
28	28.7	1.0	4.5	123.0	888	888	862	159	158	153	2.8	
30	31.0	0.9	4.5	135.0	1,029	1,022	991	173	170	165	2.8	
40	41.9	0.5	4.5	154.0	1,286	1,286	1,247	195	194	189	3.1	
44	45.5	0.4	4.5	168.0	1,413	1,413	1,371	211	211	205	3.2	
46	47.1	0.4	4.5	150.6	1,228	1,228	1,191	191	191	185	3.3	
Total	24.1			120.6	439,018	426,670	408,302	81,539	77,814	74,435	1,347.6	
Per Acre		40.6	72.0		13,508	13,128	12,563	2,509	2,394	2,290	41.5	
SE	19%	41%	38%		37%	37%	37%	37%	38%	38%	38%	
95% CI	11.7	42.7	69.5		12,616	12,425	11,912	2,389	2,318	2,222	39.7	

Western Hemlock					Site Index	120.00	QMD	43 ±	Plots	20	Trees	1
42	43.0	0.4	4.5	148.8	1,344	1,344	1,303	216	215	209	4.0	
Total	43.0			148.8	43,669	43,669	42,359	7,004	6,990	6,780	130.9	
Per Acre		0.4	4.5		1,344	1,344	1,303	216	215	209	4.0	
SE		100%	100%		100%	100%	100%	100%	100%	100%	100%	
95% CI		1.1	11.4		3,412	3,412	3,309	547	546	530	10.2	

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Class	DBH	TPA	BA	Ht		Total	Gross	Net	Total	Gross	Net	Tons	Tons	
Total		31.7		121.3		5,009m	4,983m	4,367m	829,939	819,703	721,492	2,264.6		
Per Acre				152.8	661.5	154,133	153,310	134,371	25,537	25,222	22,200	69.7		
SE		8%	18%	9%		9%	9%	10%	9%	9%	10%	32%		
95% CI		6.7	68.0	154.0		35,395	35,264	32,813	5,838	5,759	5,439	55.9		
CV		0.37	0.78	0.41		0.40	0.41	0.43	0.40	0.40	0.43	1.4		

All Species

0	0.0	0.1	0.0	4.0				0	0	0	0.0
8	8.3	12.0	4.5	78.4	431	239	232	105	55	53	0.0
12	13.1	4.8	4.5	91.0	526	497	448	121	111	100	0.0
14	15.3	7.1	9.0	105.9	1,228	1,187	1,151	278	263	255	0.0
16	17.1	14.3	22.5	104.4	3,527	3,431	3,328	769	739	717	0.0
18	18.3	7.4	13.5	100.1	2,450	2,450	2,376	506	499	484	
20	20.8	7.7	18.0	104.9	3,549	3,508	3,403	687	672	652	
22	22.8	14.3	40.5	103.5	7,875	7,763	6,123	1,492	1,452	1,132	
24	24.8	12.2	40.5	120.4	8,822	8,776	8,436	1,572	1,550	1,490	0.0
26	27.1	13.8	54.0	116.2	11,488	11,463	10,755	2,023	2,006	1,882	0.0
28	28.8	11.9	54.0	119.4	11,552	11,508	10,907	1,983	1,962	1,857	0.0
30	30.8	7.0	36.0	123.9	8,009	7,972	6,415	1,352	1,337	1,079	0.0
32	32.9	6.9	40.5	122.0	9,929	9,895	8,031	1,589	1,576	1,280	
34	34.8	6.1	40.5	124.9	10,235	10,191	9,782	1,618	1,602	1,538	
36	36.7	3.7	27.0	127.2	6,857	6,821	6,026	1,077	1,063	940	
38	38.5	5.6	45.0	124.8	11,000	10,989	9,279	1,721	1,714	1,439	
40	40.9	6.5	58.5	147.6	15,299	15,292	14,193	2,373	2,366	2,199	0.0
42	42.9	3.2	31.5	139.6	8,146	8,143	7,557	1,283	1,280	1,189	0.0
44	45.1	2.9	31.5	150.0	8,256	8,253	7,647	1,270	1,267	1,174	0.0
46	46.5	1.9	22.5	156.7	6,882	6,878	4,626	1,035	1,032	701	0.0
48	48.5	1.0	13.5	150.4	3,835	3,832	3,717	579	578	561	0.0
50	50.1	0.7	9.0	151.5	2,714	2,711	2,630	403	402	390	0.0
52	52.0	0.3	4.5	135.6	1,166	1,164	1,129	176	175	170	
54	55.4	0.3	4.5	137.4	1,155	1,152	1,118	176	175	170	
58	58.9	0.7	13.5	158.4	4,068	4,062	1,968	595	593	291	0.0
60	60.7	0.4	9.0	149.8	2,585	2,583	1,132	380	379	170	
62	62.0	0.2	4.5	140.6	1,173	1,173	1,137	176	176	171	
68	69.5	0.2	4.5	160.0	1,378	1,378	825	198	198	119	
Total	31.7			121.3	5,009,316	4,982,575	4,367,065	829,939	819,703	721,492	2,264.6
Per Acre		152.8	661.5		154,133	153,310	134,371	25,537	25,222	22,200	69.7
SE		18%	9%		9%	9%	10%	9%	9%	10%	32%
CI		68.0	154.0		35,395	35,264	32,813	5,838	5,759	5,439	55.9