

Supplement to:

Pre-settlement Forests around Puget Sound (bioRxiv/592733)

by
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This document provides summaries of witness-tree data, compiled for each of the 203 townships, as supplementary information to accompany the parent article, cited above. Provided below is a gridded area map (Figure 1) that readers may use as a worksheet for inserting data for projects. It indicates township locations around Puget Sound and a LiDAR-derived representation of general topography.

The body of this supplement tabulates digested witness-trees data, by township, from their initial GLO surveys. Column headings for the digests are abbreviated as follows:

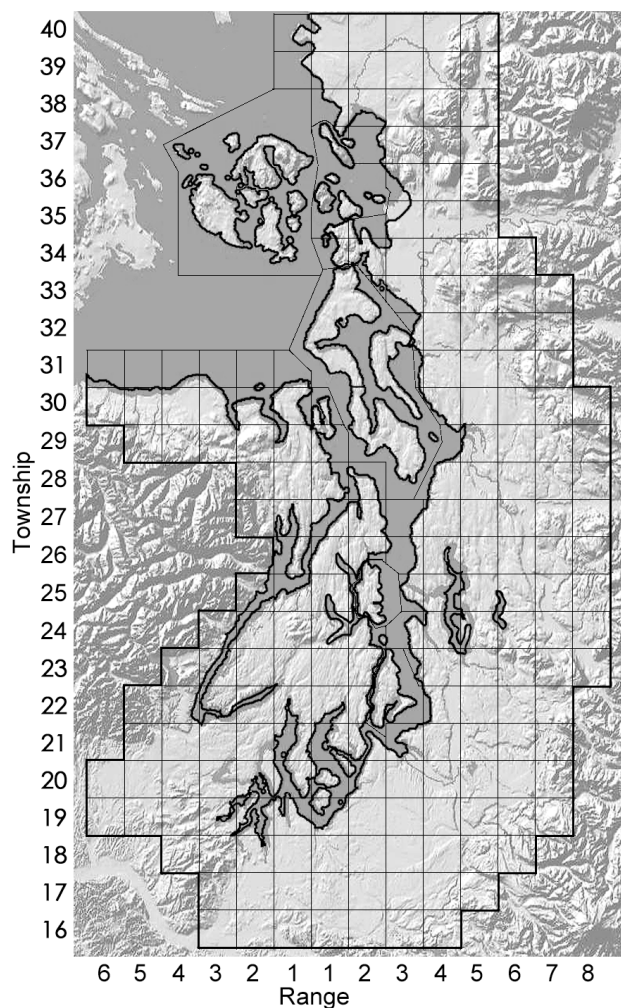


Figure 1. Template of for entering project data.

- **Twp/Range**: location coordinates by Township (North) and Range West or East)
- **allWTs**: total tally of all witness trees in the township
- **all avDiam**: average linear diameter of all witness trees, regardless of species, in inches
- **ttl QMD**: quadratic mean diameter (QMD, defined below) of all witness trees in the township
- **SrvyYr**: year date of the GLO survey
- **#WTs**: number of witness trees of a given species
- **DiamRange**: diameter range, from smallest to largest, within species, in inches
- **avDiam**: average linear diameter in inches
- **MedianDiam**: median diameter, of which an equal number of witness trees was smaller and larger
- **relFreq%**: relative frequency, meaning the percent fraction of a species among “allWTs”
- **QMD**: quadratic mean diameter of witness trees of the species
- **relDOM%**: relative dominance of the species, *i.e.*, the derived diameter in inches of the abstract tree whose cross-sectional area is the average cross-sectional area of all witness trees in a set (of a species or of all all township witness trees, “ttl QMD” above); multiple QMDs cannot be averaged, rather for any new set its QMD must be recomputed from linear diameters of all members of the set).

		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
Twp-Range 38-2e									
# allWTs	144	red alder	15	2to30	10.3	10	10.42	12.5	2.87
all avDiam	19.2	redcedar	31	8to60	23.5	20	21.53	26.1	25.86
all QMD	23.8	crabapple	6	4to16	8.2	7	4.17	9.1	0.61
SrvyYr	1859	cottonwood	1	3	3	3	0.69	3	0.01
	873	Douglas-fir	31	4to60	32.8	35	21.53	36.7	51.13
		hemlock	31	4to40	18.7	18	21.53	20.8	16.42
		bl maple	15	3to24	10.1	8	10.42	11.7	2.51
		vine maple	3	5to6	5.7	6	2.08	5.7	0.12
		willow	11	3to10	5.9	6	7.64	6.2	0.52
Twp-Range 38-3e									
# allWTs	260	red alder	47	2to20	6.6	5	18.08	7.7	3.74
all avDiam	11.9	birch	10	4to10	5.4	5	3.85	5.7	0.44
all QMD	16.9	redcedar	42	3to48	20.5	18	16.15	23.1	30.11
SrvyYr	1874	cherry	10	2to10	4.6	3.5	3.85	5.4	0.39
		cottonwood	8	6to40	13.8	10	3.08	17.3	3.22
		Douglas-fir	60	2to60	19.5	9.5	23.08	25.9	54.07
		grand fir	3	5to8	6.3	6	1.15	6.5	0.17
		hemlock	19	4to40	11.1	8	7.31	14.2	5.15
		bl maple	15	3to12	6.1	5	5.77	6.9	0.96
		pine	4	4to14	7.3	5.5	1.54	8.3	0.37
		vine maple	4	4to8	5	4	1.54	5.3	0.15
		willow	38	4to9	4.8	5	14.62	5	1.28
Twp-Range 38-4e									
# allWTs	261	red alder	16	2to14	8.1	8	6.13	8.5	0.95
all avDiam	17.2	birch	2	6to11	8.5	8.5	0.77	8.9	0.13
all QMD	21.5	redcedar	67	6to62	23.5	20	25.67	27.4	41.52
SrvyYr	1884	cherry	3	2to8	4.3	3	1.15	5.1	0.06
		Douglas-fir	54	2to72	17.6	12	20.69	23.3	24.20
		hemlock	98	3to48	16.4	12.5	37.55	19.4	30.44
		bl maple	11	3to24	11.5	10	4.21	13.7	1.70
		pine	2	14to24	17	17	0.77	19.6	0.63
		spruce	1	12	12	12	0.38	12	0.12
		vine maple	4	3to5	4	4	1.53	4.3	0.06
		willow	2	3	3	3	0.77	3	0.01
		yew	1	5	5	5	0.38	5	0.02
Twp-Range 38-5e									
# allWTs	111	red alder	5	6to24	12	8	4.50	13.8	1.64
all avDiam	18.1	redcedar	16	10to60	27.4	22	14.41	31.3	26.93
all QMD	22.9	cherry	1	6	6	6	0.90	6	0.06
SrvyYr	1895	Douglas-fir	40	4to70	20.8	12	36.04	27.6	52.34
		hemlock	40	4to36	14.3	13	36.04	15.6	16.72
		larch	1	10	10	10	0.90	10	0.17
		bl maple	6	8to16	10.8	9	5.41	11.3	1.32
		spruce	1	19	19	19	0.90	19	0.62
		vine maple	1	4	4	4	0.90	4	0.03
Twp-Range 37-3e									
# allWTs	280	red alder	25	3to16	7.8	8	8.93	8.4	1.64
all avDiam	15.8	redcedar	69	4to60	23.6	24	24.64	26.3	44.37
all QMD	19.6	cherry	4	3to12	6.5	5.5	1.43	7.3	0.20
SrvyYr	1873	Douglas-fir	73	3to60	15	6	26.07	20.3	27.96
		hemlock	87	2to36	14.5	12	31.07	16.7	22.55
		bl maple	11	3to18	10.4	10	3.93	11.4	1.33
		spruce	2	30	30	30	0.71	30	1.67
		vine maple	1	6	6	6	0.36	6	0.03
		willow	8	3to6	4.5	4	2.86	4.7	0.16
Twp-Range 37-4e									
# allWTs	259	red alder	8	5to10	7.1	6.5	3.09	7.4	0.22
all avDiam	20.4	birch	1	6	6	6	0.39	6	0.02
all QMD	27.6	redcedar	72	3to180	30.8	24	27.80	41	61.27
SrvyYr	1883	cherry	1	4	4	4	0.39	4	0.01
		Douglas-fir	42	2to55	20.9	8.5	16.22	27.9	16.55
		hemlock	122	4to48	16.1	14	47.10	18.1	20.23
		bl maple	8	5to24	10.4	7	3.09	12.1	0.59
		pine	1	28	28	28	0.39	28	0.40
		spruce	1	30	30	30	0.39	30	0.46
		willow	2	5to8	6.5	6.5	0.77	6.7	0.05
		yew	1	7	7	7	0.39	7	0.02

		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
Twp-Range 37-5e									
# allWTs	288	red alder	31	3to24	11.4	10	10.76	12.4	4.43
all avDiam	14.6	barberry	2	5to10	7.5	7.5	0.69	7.9	0.12
all QMD	19.3	redcedar	59	7to108	23	18	20.49	30.2	50.05
SrvyYr	1885	cherry	3	5to6	5.7	6	1.04	5.7	0.09
		cottonwood	1	30	30	30	0.35	30	0.84
		Douglas-fir	42	3to60	11.8	7	14.58	17.5	11.96
		hemlock	129	3to48	13.3	11	44.79	15.1	27.36
		bl maple	2	5to12	8.5	8.5	0.69	9.2	0.16
		pine	2	4to6	5	5	0.69	5.1	0.05
		spruce	5	8to60	25.4	20	1.74	31.2	4.53
		casoara	1	8	8	8	0.35	8	0.06
		vine maple	7	3to6	4.3	4	2.43	4.4	0.13
		willow	2	6to8	7	7	0.69	7.1	0.09
		yew	2	8to9	8.5	8.5	0.69	8.5	0.13
Twp-Range 36-3e									
# allWTs	191	red alder	11	6to24	11.9	8	5.76	13.2	2.09
all avDiam	18.0	birch	4	6to10	7	6	2.09	7.2	0.23
all QMD	21.9	redcedar	34	6to60	22.2	19	17.80	25	23.13
SrvyYr	1872	crabapple	2	6to8	7	7	1.05	7.1	0.11
		Douglas-fir	29	4to60	20.1	15	15.18	25.8	21.01
		grand fir	2	12to48	30	30	1.05	35	2.67
		hemlock	95	5to48	17.6	16	49.74	20.5	43.45
		bl maple	3	6to24	15.3	16	1.57	17	0.94
		spruce	2	20to72	46	46	1.05	52.6	6.02
		vine maple	6	6to7	6.2	6	3.14	6.2	0.25
		willow	1	10	10	10	0.52	10	0.11
		yew	2	6to7	6.5	6.5	1.05	6.5	0.09
Twp-Range 36-4e									
# allWTs	287	red alder	22	4to30	15.1	14	7.67	16.6	5.08
all avDiam	17.3	redcedar	57	5to60	23	20	19.86	26.5	33.56
all QMD	20.4	cherry	3	8to16	13.3	16	1.05	13.9	0.49
SrvyYr	1874	Douglas-fir	12	5to60	26.4	28	4.18	30.1	9.11
		hemlock	166	4to48	16.1	14	57.84	18.5	47.63
		bl maple	10	6to30	13.2	10	3.48	15.1	1.91
		spruce	5	10to30	18.6	15	1.74	20	1.68
		vine maple	11	5to8	5.8	6	3.83	5.9	0.32
		willow	1	6	6	6	0.35	6	0.03
Twp-Range 36-5e									
# allWTs	241	red alder	8	8to70	21	16	3.32	28.2	3.65
all avDiam	22.6	redcedar	41	8to70	30.1	30	17.01	35.5	29.68
all QMD	26.9	Douglas-fir	29	8to72	24.3	14	12.03	30.1	15.09
SrvyYr	1890	grand fir	13	4to30	17.1	12	5.39	19.4	2.81
		hemlock	132	4to60	21.7	20	54.77	24.3	44.77
		bl maple	6	4to20	11.3	11	2.49	12.3	0.52
		spruce	4	8to60	35	36	1.66	39.5	3.58
		vine maple	5	4to7	5.8	6	2.07	5.9	0.10
		yew	3	8to12	9.3	8	1.24	9.5	0.16
Twp-Range 35-3e									
# allWTs	226	red alder	47	3to30	11.6	10	20.80	12.7	7.22
all avDiam	18.0	barberry	6	6to12	8	8	2.65	8.2	0.38
all QMD	21.6	redcedar	54	8to48	25.5	24	23.89	27.7	39.45
SrvyYr	1870	crabapple	7	6to9	7.4	8	3.10	7.5	0.37
		cottonwood	4	8to16	12.3	12.5	1.77	12.7	0.61
		Douglas-fir	16	3to60	26	21	7.08	31.3	14.92
		grand fir	5	10to40	23	15	2.21	26.9	3.44
		hemlock	35	6to40	17.7	18	15.49	19.5	12.67
		bl maple	8	8to20	14.8	15	3.54	15.3	1.78
		pine	2	12to14	13	13	0.88	13	0.32
		spruce	23	8to60	23.3	18	10.18	27.8	16.92
		vine maple	2	6to8	7	7	0.88	7	0.09
		willow	16	5to18	9.3	8	7.08	10	1.52
		yew	1	12	12	12	0.44	12	0.14
Twp-Range 35-4e									
# allWTs	244	red alder	30	5to24	11.8	10	12.30	13	4.72
all avDiam	16.4	birch	5	3to18	8	6	2.05	9.6	0.43
all QMD	21.0	barberry	1	6	6	6			

Twp-Range 33-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	280	red alder	36	4to24	11.2	13	12.86	14.8	4.18
all avDiam	19.2	redcedar	49	4to150	41.2	40	17.50	48.4	60.80
all QMD	26.0	crabapple	2	10to12	11	11	0.71	11	0.13
SrvyYr	1877	cottonwood	6	4to40	21	20	2.14	23.8	1.80
		elder	2	4	4	4	0.71	4	0.02
		Douglas-fir	21	4to60	20.2	18	7.50	24	6.41
		grand fir	1	14	14	14	0.36	14	0.10
		hemlock	95	4to40	14.2	12	33.93	16.2	13.21
		hazel	1	4	4	4	0.36	4	0.01
		bl maple	13	8to60	20.3	12	4.64	24.1	4.00
		pine	1	18	18	18	0.36	18	0.17
		spruce	15	10to60	29.7	24	5.36	33.2	8.76
		casacara	3	4to6	5	5	1.07	5.1	0.04
		vine maple	31	3to6	4.4	4	11.07	4.5	0.33
		willow	3	4	4	4	1.07	4	0.03
		yew	1	10	10	10	0.36	10	0.05

Twp-Range 34-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	137	red alder	23	6to18	9	8	16.79	9.4	2.45
all avDiam	19.7	redcedar	18	6to48	26.7	28	13.14	28.2	17.26
all QMD	24.6	cherry	2	6to8	7	7	1.46	7.1	0.12
SrvyYr	1871	cottonwood	1	6	6	6	0.73	6	0.04
		Douglas-fir	71	4to60	23.9	20	51.82	29.1	72.49
		grand fir	2	18to40	29	29	1.46	21	1.06
		hemlock	7	6to24	15.1	18	5.11	16.3	2.24
		spruce	1	30	30	30	0.73	30	1.09
		willow	12	6to24	8.1	6	8.76	9.4	1.28

Twp-Range 34-3e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	207	red alder	61	3to48	10.4	9	29.47	12.6	14.98
all avDiam	13.2	birch	7	5to12	10.1	12	3.38	10.5	1.19
all QMD	17.7	barberry	3	6to8	7	7	1.45	7	0.23
SrvyYr	1872	redcedar	29	3to60	21.4	12	14.01	26.9	32.46
		crabapple	6	3to7	4.5	4	2.90	4.7	0.20
		cottonwood	2	8to16	12	12	0.97	12.6	0.49
		elder	1	6	6	6	0.48	6	0.06
		Douglas-fir	5	3to24	15.6	15	2.42	17.5	2.37
		grand fir	5	6to24	11.8	10	2.42	13.5	1.41
		hazel	1	6	6	6	0.48	6	0.06
		hemlock	2	6to7	6.5	6.5	0.97	6.5	0.13
		juniper	6	6to24	12.3	10	2.90	14	1.82
		bl maple	7	4to20	11.7	12	3.38	12.9	1.80
		spruce	34	5to60	22.4	15	16.43	27.3	39.19
		vine maple	5	4to6	4.6	4	2.42	4.7	0.17
		willow	33	3to24	7.2	6	15.94	8.2	3.43

Twp-Range 34-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	273	red alder	36	5to36	12.9	12	13.19	14	3.54
all avDiam	21.89	barberry	1	12	12	12	0.37	12	0.07
all QMD	27.01	birch	1	7	7	7	0.37	7	0.02
SrvyYr	1872	redcedar	78	6to96	24	35.9	28.57	35.9	50.48
		cherry	4	10to15	11.3	10	1.47	11.5	0.27
		cottonwood	5	10to36	30.8	36	1.83	32.5	2.65
		crabapple	4	6to15	10.8	11	1.47	11.2	0.25
		Douglas-fir	22	6to84	26.8	24	8.06	32.6	11.74
		grand fir	1	18	18	18	0.37	18	0.16
		hemlock	66	5to80	19	16	24.18	22.2	16.33
		bl maple	19	4to24	12.8	12	6.96	13.7	1.79
		spruce	23	6to60	28.7	30	8.42	32.5	12.20
		vine maple	6	4to8	6.2	6	2.20	6.3	0.12
		willow	7	4to18	11.3	10	2.56	12	0.51

Twp-Range 34-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	288	red alder	9	5to14	10.3	12	3.13	10.7	0.69
all avDiam	18.20	barberry	1	3	3	3	0.35	3	0.01
all QMD	22.77	redcedar	44	6to108	24	19	15.28	30.2	26.87
SrvyYr	1883&1900	Douglas-fir	13	6to50	15.9	10	4.51	20.4	3.62
		hemlock	145	2to72	17.6	14	50.35	21.8	46.13
		laroh	49	4to60	20.5	20	17.01	23	17.35
		bl maple	12	5to30	12.8	11	4.17	14.8	1.76
		spruce	5	4to48	26	30	1.74	31.2	3.26
		vine maple	10	3to6	3.9	4	3.47	4	0.11

Twp-Range 34-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	289	red alder	1	14	14	14	0.35	14	0.09
all avDiam	23.18	redcedar	28	12to72	35.4	30	9.69	40.9	22.31
all QMD	26.95	Douglas-fir	4	12to48	30	30	1.38	32.6	2.02
SrvyYr	1900	grand fir	1	5	5	5	0.35	5	0.01
		hemlock	160	3to60	22	20	55.36	25.1	48.01
		laroh	82	6to60	21.2	18	28.37	24.5	23.44
		pine	2	24to36	30	30	0.69	30.6	0.89
		spruce	10	6to48	21.8	19	3.46	25.7	3.15
		yew	1	6	6	6	0.35	6	0.02

Twp-Range 33-3e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	125	red alder	46	3to48	11.3	10	36.80	13.4	20.57
all avDiam	13.55	redcedar	10	4to50	19.7	15.5	8.00	24.4	14.83
all QMD	17.92	crabapple	8	4to11	6.5	6	6.40	7	0.98
SrvyYr	1872	Douglas-fir	7	4to72	28.1	30	5.60	35.7	22.22
		hemlock	1	6	6	6	0.80	6	0.09
		juniper	5	4to18	12.8	15	4.00	13.7	2.34
		spruce	28	5to48	18.5	13	22.40	22.8	36.25
		willow	18	3to14	6.8	6	14.40	7.5	2.52
		yew	2	7to11	9	9	1.60	9.2	0.42

Twp-Range 33-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	279	red alder	45	3to32	12	10	16.13	14	4.56
all avDiam	20.8	birch	2	8	8	8	0.72	8	0.07
all QMD	26.3	redcedar	76	5to130	33.1	30	27.24	39.9	62.52
SrvyYr	1872	crabapple	2	8to11	9.5	9.5	0.72	9.6	0.10
		Douglas-fir	13	5to60	24.2	20	4.66	28.9	5.61
		grand fir	1	24	24	24	0.36	24	0.30
		hemlock	105	5to36	17.2	18	37.63	18.8	19.18
		bl maple	8	10to36	23.6	22	2.87	25.8	2.75
		spruce	11	4to40	22.3	18	3.94	27.4	4.27
		vine maple	1	8	8	8	0.36	8	0.03
		willow	14	5to15	8.1	7	5.02	8.6	0.54
		yew	1	10	10	10	0.36	10	0.05

Twp-Range 33-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	296	red alder	6	8to14	10.7	10	2.03	10.8	0.54
all avDiam	17.1	redcedar	74	5to60	28.3	30	25.00	31.5	56.30
all QMD	21.0	Douglas-fir	13	6to20	12.7	10	4.39	13.6	1.84
SrvyYr	1883	grand fir	1	30	30	30	0.34	30	0.69
	&91	hemlock	169	5to60	13.7	12	57.09	16.1	33.59
		bigleaf map	10	4to36	14.7	12	3.38	18	2.48
		spruce	10	4to48	18.1	11	3.38	23	4.06
		vine maple	10	3to6	4.2	4	3.38	4.3	0.14
		willow	2	3	3	3	0.68	3	0.01
		yew	1	10	10	10	0.34	10	0.08

Twp-Range 33-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	277	red alder	4	4to12	7.25	6	1.44	7.8	0.19
all avDiam	18.1	redcedar	21	5to60	26.2	6	7.58	33.9	18.60
all QMD	21.6	Douglas-fir	17	5to36	11.1	10	6.14	13.1	2.25
SrvyYr	1891	grand fir	1	20	20	20	0.36	20	0.31
		hemlock	189	5to60	13.8	15	68.23	21.8	69.24
		laroh	4	6to12	10.3	10.5	1.44	10.7	0.35
		bigleaf map	1	6	6	6	0.36	6	0.03
		pine	1	6	6	6	0.36	6	0.03
		spruce	39	6to36	15.3	14	14.08	17.4	9.10

Twp-Range 33-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	282	red alder	6	6to14	10.3	10.5	2.13	10.6	0.60
all avDiam	17.2	redcedar	4	16to28	21	20	1.42	21.5	1.66
all QMD	19.9	Douglas-fir	5	12to36	19	16	1.77	20.9	1.96
SrvyYr	1895	grand fir	94	4to48	18.6	14.5	33.33	21.6	39.27
		hemlock	173	5to48	16.6	14	61.35	19.1	56.51

Twp-Range 32-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	253	red alder	25	3to24	9.2	8			

Twp-Range 32-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	273	red alder	9	6to11	8.4	9	3.30	8.7	0.62
all avDiam	15.4	barberry	1	6	6	6	0.37	6	0.03
all QMD	20.1	redcedar	33	4to96	30.7	28	12.09	37.1	41.07
SrvyYr	1890	cherry	1	6	6	6	0.37	6	0.03
		chittemwo	1	4	4	4	0.37	4	0.01
		cottonwood	1	20	20	20	0.37	20	0.36
		dogwood	1	5	5	5	0.37	5	0.02
		Douglas-fir	18	6to60	27.4	27	6.59	32.4	17.08
		hemlock	167	3to40	12.6	12	61.17	14.3	30.87
		larch	5	12to30	16.4	14	1.83	17.8	1.43
		bl maple	3	13to20	17	18	1.10	17.3	0.81
		pine	2	8to12	10	10	0.73	15.2	0.42
		spruce	6	7to60	27	18	2.20	33.7	6.16
		vine maple	24	3to24	6.3	5	8.79	7.5	1.22
		willow	1	5	5	5	0.37	5	0.02
Twp-Range 32-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	277	red alder	8	7to20	12.1	11.5	2.89	12.9	0.80
all avDiam	19.8	barberry	1	10	10	10	0.36	10	0.06
all QMD	24.5	redcedar	18	6to60	32.3	33	6.50	37	14.79
SrvyYr	1890&1906	Douglas-fir	10	6to72	41.4	45	3.61	46.8	13.14
		hemlock	193	4to70	18.8	14	69.68	22.8	60.20
		larch	15	8to50	23.5	24	5.42	27.2	6.66
		bl maple	9	6to24	13.9	12	3.25	15	1.22
		spruce	9	8to36	20.8	20	3.25	22.7	2.78
		vine maple	10	4to7	5.6	6	3.61	5.7	0.19
		yew	4	6to9	7.3	7	1.44	7.4	0.13
Twp-Range 31-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	244	red alder	14	4to16	10.2	10	5.74	10.8	1.27
all avDiam	19.3	redcedar	69	2to72	22	20	28.28	25	33.50
all QMD	23.0	cottonwood	2	8to48	28	28	0.82	34.4	1.84
SrvyYr	1872	dogwood	1	8	8	8	0.41	8	0.05
		elder	1	4	4	4	0.41	4	0.01
		Douglas-fir	63	4to60	26.8	22	25.82	30.3	44.93
		hemlock	73	4to30	14.5	14	29.92	15.7	13.98
		bl maple	6	9to18	12.7	10.5	2.46	13.2	0.81
		spruce	2	30to60	45	45	0.82	47.4	3.49
		vine maple	7	3to7	4.7	4	2.87	5	0.14
		willow	6	5to13	7.8	8	2.46	8.3	0.32
Twp-Range 31-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	264	red alder	32	3to20	10.2	10	12.12	11.1	4.88
all avDiam	13.1	redcedar	46	3to72	19.8	14	17.42	25.4	36.71
all QMD	17.5	cherry	3	2to14	8.7	10	1.14	10	0.37
SrvyYr		crabapple	5	4to14	7.2	6	1.89	8.1	0.41
		cottonwood	11	3to80	19.5	12	4.17	28.9	11.36
		Douglas-fir	26	3to50	12.9	9	9.85	16.8	9.08
		hemlock	81	3to60	12.3	10	30.68	14.4	20.77
		hazel	2	5to8	6.5	6.5	0.76	6.7	0.11
		bl maple	7	4to20	12.6	12	2.65	13.3	1.53
		pine	8	4to16	8.6	7	3.03	9.6	0.91
		spruce	13	10to60	23.3	20	4.92	28.8	13.34
		vine maple	17	4to7	4.2	4	6.44	4.4	0.41
		willow	13	3to8	4.6	4	4.92	5	0.40
Twp-Range 31-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	281	red alder	12	3to16	10	10	4.27	10.8	1.87
all avDiam	11.7	barberry	3	4to5	4.3	4	1.07	4.4	0.08
all QMD	16.3	redcedar	28	4to70	23.6	14	9.96	31.5	37.18
SrvyYr	1877	cherry	4	4to5	4.8	5	1.42	4.8	0.12
		cottonwood	1	10	10	10	0.36	10	0.13
		dogwood	1	5	5	5	0.36	5	0.03
		Douglas-fir	132	3to60	11.1	6	46.98	15.1	40.27
		hemlock	62	3to30	12.4	11	22.06	14	16.26
		bl maple	10	3to16	7.7	5	3.56	9.1	1.11
		pine	1	7	7	7	0.36	7	0.07
		spruce	1	40	40	40	0.36	40	2.14
		vine maple	19	3to4	3.4	3	6.76	3.5	0.31
		willow	6	4to7	5	4.5	2.14	5.1	0.21
		yew	1	5	5	5	0.36	5	0.03
Twp-Range 31-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	284	red alder	6	5to20	11.3	11	2.11	12.3	0.62
all avDiam	19.0	redcedar	22	10to120	33	19.5	7.75	44.5	29.68
all QMD	22.7	Douglas-fir	8	6to20	9.9	8.5	2.82	10.8	0.64
SrvyYr	1894	grand fir	38	7to36	15.9	13.5	13.38	17.3	7.75
		hemlock	182	4to48	18.3	17	64.08	20.2	50.60
		larch	7	16to36	27.4	30	2.46	28.5	3.87
		bl maple	2	7to8	6.5	7.5	0.70	7.5	0.08
		spruce	19	6to48	21.3	20	6.69	23.3	7.03

Twp-Range 30-1W&		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	243	red alder	24	3to10	5.1	5	9.88	5.5	0.68
all avDiam	17.4	redcedar	20	3to36	14.5	13.5	8.23	16.4	5.01
all QMD	21.0	cherry	1	6	6	6	0.41	6	0.03
SrvyYr	1858	crabapple	7	3to10	5	4	2.88	5.4	0.19
		cottonwood	2	10to20	15	15	0.82	15.8	0.46
		Douglas-fir	167	3to60	21.3	20	68.72	24.2	91.04
		hemlock	11	6to18	9.9	10	4.53	10.4	1.11
		bl maple	1	7	7	7	0.41	7	0.05
		spruce	1	36	36	36	0.41	36	1.21
		willow	9	3to60	4.2	4	3.70	4.3	0.15
Twp-Range 30-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	191	red alder	9	4to10	8.6	8	4.71	9.4	1.07
all avDiam	16.9	redcedar	69	4to40	18.2	16	36.13	20.2	37.84
all QMD	19.7	dogwood	1	8	8	8	0.52	8	0.09
SrvyYr	1859	Douglas-fir	57	5to60	21.5	18	29.84	25.2	48.64
		hemlock	41	6to30	11.7	11	21.47	12.4	8.47
		bl maple	11	4to18	12.2	12	5.76	12.8	2.42
		spruce	1	12	12	12	0.52	12	0.19
		skunkwood	1	12	12	12	0.52	12	0.19
		vine maple	1	5	5	5	0.52	5	0.03
Twp-Range 30-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	252	red alder	2	8to10	9	9	0.79	9.1	0.16
all avDiam	15.3	birch	9	4to12	6.9	6	3.57	7.3	0.46
all QMD	20.2	redcedar	69	4to75	18.6	14	27.38	22.9	35.02
SrvyYr	1872	cherry	4	4	4	4	1.59	4	0.06
		casoara	1	5	5	5	0.40	5	0.02
		crabapple	1	6	6	6	0.40	6	0.03
		cottonwood	1	14	14	14	0.40	14	0.19
		Douglas-fir	68	4to70	20.8	18	26.98	26.5	46.22
		hemlock	64	4to36	10	6	25.40	12.6	9.83
		bl maple	12	3to32	13.2	9	4.76	16.5	3.16
		pine	1	6	6	6	0.40	6	0.03
		spruce	11	5to40	17.5	16	4.37	19.8	4.17
		vine maple	1	6	6	6	0.40	6	0.03
		willow	7	3to5	3.9	4	2.78	3.9	0.10
		yew	1	4	4	4	0.40	4	0.02
Twp-Range 30-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	285	red alder	9	3to14	7.9	8	3.16	8.6	0.48
all avDiam	14.6	bearb	10	3to18	7.4	5	3.51	9	0.58
all QMD	22.1	redcedar	63	3to84	31.7	24	22.11	39.3	70.07
SrvyYr	1881	cherry	3	4to6	4.7	4	1.05	4.8	0.05
		dogwood	2	4to6	5	5	0.70	5	0.04
		Douglas-fir	56	3to72	13.6	8	19.65	20.1	16.29
		hemlock	87	3to35	10.5	8	30.53	12.6	9.95
		hazel	5	3to4	3.4	3	1.75	3.4	0.04
		bigleaf map	1	14	14	14	0.35	14	0.14
		madrone	1	6	6	6	0.35	6	0.03
		pine	2	6to12	9	9	0.70	9.5	0.13
		spruce	5	5to36	19.4	20	1.75	23.1	1.92
		vine maple	33	2to6	3.8	3	11.58	4	0.38
		willow	7	3to6	3.9	3	2.46	4	0.08
		yew	1	5	5	5	0.35	5	0.02
Twp-Range 30-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	278	red alder	8	3to20	10.4	9.5	2.88	11.6	1.24
all avDiam	13.1	redcedar	27	5to120	27.1	16	9.71	38.2	45.55
all QMD	17.6	cherry	1	4	4	4	0.36	4	0.02
SrvyYr	1890	cottonwood	1	22	22	22	0.36	22	0.56

Twp-Range 30-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	123	red alder	10	4to20	8.7	8	8.13	9.8	2.40
all avDiam	15.3	redcedar	15	6to36	15.8	14	12.20	18.1	12.27
all QMD	18.0	Douglas-fir	78	4to60	17.7	16	63.41	20.3	80.26
SrvyYr	1858	hemlock	15	5to24	9.3	8	12.20	10.2	3.90
		madrone	1	8	8	8	0.81	8	0.16
		pine	1	12	12	12	0.81	12	0.36
		spruce	1	8	8	8	0.81	8	0.16
		willow	2	4	4	4	1.63	4	0.08
Twp-Range 30-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	181	red alder	15	4to30	9.6	8	8.29	11.5	2.67
all avDiam	17.1	redcedar	19	6to50	16.1	12	10.50	18.9	9.15
all QMD	20.2	cottonwood	2	8to16	12	12	1.10	12.6	0.43
SrvyYr	1858	Douglas-fir	123	3to60	18.8	18	67.96	21.6	77.36
		hemlock	4	4to18	10.5	10	2.21	11.7	0.74
		bl maple	5	4to30	19.2	24	2.76	21.8	3.20
		oak	5	8to24	14.8	12	2.76	15.8	1.68
		spruce	1	60	60	60	0.55	60	4.85
		willow	7	3to8	4.6	4	3.87	5	0.24
Twp-Range 30-4w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	277	red alder	22	5to24	9.9	8	7.94	11.1	2.38
all avDiam	15.6	redcedar	46	5to80	26.9	22	16.61	32.4	42.48
all QMD	20.3	crabapple	4	6to10	7.8	7.5	1.44	7.9	0.22
SrvyYr	1858	cottonwood	2	8to15	11.5	11.5	0.72	12	0.25
		Douglas-fir	124	3to55	16.2	12	44.77	20.2	44.51
		hemlock	58	4to30	11.4	10	20.94	13.1	8.76
		bl maple	4	8to24	14.8	13.5	1.44	15.9	0.89
		willow	17	3to10	5.1	4	6.14	5.5	0.45
Twp-Range 30-5w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	236	red alder	22	2to18	7.1	6	22.03	8	6.25
all avDiam	11.8	redcedar	35	6to48	15	12	14.83	17.3	19.66
all QMD	15.0	cherry	1	10	10	10	0.42	10	0.19
SrvyYr	1862	Douglas-fir	107	3to55	15.4	12	45.34	18.7	70.23
		hemlock	4	8to18	11.5	10	1.69	12.2	1.12
		bl maple	8	4to14	9	9	3.39	9.6	1.38
		willow	29	1to10	3.9	4	12.29	4.3	1.01
Twp-Range 30-6w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	229	red alder	27	2to20	8.9	8	11.79	10	5.46
all avDiam	11.3	aspens	2	5	5	5	0.87	5	0.10
all QMD	14.7	redcedar	29	3to60	20.7	18	12.66	24.4	34.92
SrvyYr	1879	cherry	2	8to24	16	16	0.87	17.9	1.30
		crabapple	2	3	3	3	0.87	3	0.04
		Douglas-fir	82	2to40	11.1	7.5	35.81	14.6	35.36
		hemlock	65	3to36	10.4	9	28.38	12.4	20.22
		bl maple	6	3to30	9.7	6.5	2.62	13.4	2.18
		willow	14	2to7	3.3	3	11.11	3.6	0.37
Twp-Range 29-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	72	red alder	3	6to8	7.3	8	4.17	7.4	0.42
all avDiam	17.9	redcedar	17	6to72	25.1	24	23.61	30.7	40.83
all QMD	23.3	Douglas-fir	20	4to66	20.8	13	27.78	26.9	36.88
SrvyYr	1858	grand fir	1	40	40	40	1.39	40	4.08
		hemlock	24	5to36	12.7	11	33.33	14.6	13.04
		bl maple	2	12to18	15	15	2.78	15.3	1.19
		spruce	1	36	36	36	1.39	36	3.30
		willow	4	3to4	3.5	3.5	5.56	3.5	0.12
Twp-Range 29-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	197	red alder	10	3to28	10.6	8	5.08	12.8	1.43
all avDiam	16.6	redcedar	35	5to120	31.9	18	17.77	44.7	61.12
all QMD	24.1	cherry	2	7	7	7	1.02	7	0.09
SrvyYr	1869	casacara	4	2to6	5	5	2.03	5	0.09
		crabapple	7	3to11	5.6	5	3.55	6.1	0.23
		Douglas-fir	59	2to130	13.4	11	29.95	16.3	13.70
		hemlock	31	3to45	14.9	12	15.74	17.3	8.11
		juniper	5	3to7	4.8	5	2.54	5.1	0.11
		bl maple	5	6to20	15	16	2.54	15.9	1.10
		pine	18	3to10	6.1	6	9.14	6.5	0.66
		spruce	18	10to48	26.2	27	9.14	29.1	13.32
		willow	1	1	7	7	0.51	7	0.04
		yew	1	14	14	14	0.51	14	0.17

Twp-Range 29-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	263	red alder	14	5to50	13.2	9.5	5.32	17.3	6.61
all avDiam	11.1	barberry	3	3to9	6.3	7	1.14	6.8	0.22
all QMD	15.5	redcedar	46	3to80	16.5	12	17.49	23.9	41.48
SrvyYr	1878	cherry	5	5to8	6.4	6	1.90	6.5	0.33
		crabapple	4	2to6	4	4	1.52	4.3	0.12
		cottonwood	3	3to50	18.7	3	1.14	30	4.26
		Douglas-fir	82	3to48	10.7	8	31.18	14.1	25.73
		hemlock	66	4to30	10.1	9	25.10	11.6	14.02
		hazel	4	3to48	3.3	3	1.52	3.3	0.07
		bl maple	18	3to24	9	6	6.84	11.1	3.50
		spruce	4	6to40	18	13	1.52	22.3	3.14
		skookum	1	9	9	9	0.38	9	0.13
		vine maple	12	2to6	4	4	4.56	4.2	0.33
		willow	1	8	8	8	0.38	8	0.10
Twp-Range 29-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	280	red alder	10	2to9	5.2	4.5	3.57	5.6	0.67
all avDiam	10.4	barberry	4	5to6	5.5	5.5	1.43	5.5	0.26
all QMD	12.9	redcedar	26	4to48	23.3	19	9.29	26.2	38.07
SrvyYr	1892	cherry	1	6	6	6	0.36	6	0.08
		crabapple	2	4to7	5.5	5.5	0.71	5.5	0.13
		dogwood	2	5to6	5.5	5.5	0.71	5.5	0.13
		Douglas-fir	28	4to48	11.9	10	10.00	14.5	12.56
		grand fir	7	4to8	6.1	6	2.50	6.3	0.59
		hemlock	168	3to30	9.7	8	60.00	11.1	44.15
		larch	1	11	11	11	0.36	11	0.26
		bl maple	9	3to24	8.4	5	3.21	10.9	2.28
		spruce	2	8to15	11.5	11.5	0.71	12	0.61
		vine maple	17	3to5	3.9	4	6.07	4	0.58
		willow	2	3to4	3.5	3.5	0.71	3.5	0.05
		yew	1	7	7	7	0.36	7	0.10
Twp-Range 29-8e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	208	red alder	1	16	16	16	0.48	16	0.35
all avDiam	16.8	redcedar	14	7to36	21	19	6.73	22.7	9.76
all QMD	18.9	Douglas-fir	5	13to30	20.4	18	2.40	21.4	3.10
SrvyYr	1894	grand fir	44	5to36	14.8	13	21.15	16.2	15.62
		hemlock	141	4to48	17.1	15	67.79	19.3	71.02
		larch	3	7to11	8.7	8	1.44	8.8	0.31
Twp-Range 29-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	252	red alder	41	4to14	6.8	6	16.27	7.2	2.52
all avDiam	14.8	redcedar	51	6to60	22.1	18	20.24	26.1	41.22
all QMD	18.3	cherry	2	6to8	7	7	0.79	7.1	0.12
SrvyYr	1862	crabapple	6	4to8	6	6	2.38	6.1	0.26
		Douglas-fir	89	3to50	17.2	12	35.32	20.2	43.09
		hemlock	46	5to24	11.3	10	18.25	12.8	8.94
		bl maple	5	11	10	10	1.98	11.7	0.81
		pine	2	6to18	12	12	0.79	13.4	0.43
		spruce	6	12to28	17.3	16	2.38	18.3	2.38
		willow	3	4to8	6	6	1.19	6.2	0.14
		yew	1	10	10	10	0.40	10	0.12
Twp-Range 29-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	287	red alder	11	4to24	14.2	14	3.83	15.8	3.01
all avDiam	14.9	redcedar	66	4to96	17.7	12	23.00	23	38.22
all QMD	17.8	cherry	3	5to7	6	6	1.05	6.1	0.12
SrvyYr	1873	Douglas-fir	45	3to48	14.8	14	15.68	17.3	14.74
		grand fir	1	40	40	40	0.35	40	4.75
		hemlock	155	4to45	14.2	14	54.01	15.8	42.36
		bl maple	4	8to24	13	12	1.39	14.6	0.93
		vine maple	1	6	6	6	0.35	6	0.04
		yew	1	10	10	10	0.35	10	0.11
Twp-Range 29-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	212	red alder	4	4to30	12.5	8	1.89	16.2	1.56
all avDiam	15.1	redcedar	75	5to50	16.1	13	35.38	18.2	36.88
all QMD	17.8	Douglas-fir	99	4to55	15.3	11.5	46.70	18.5	50.29
SrvyYr									

Twp-Range 29-5w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	182	red alder	7	6to10	7.6	7	3.85	7.8	0.66
all avDiam	16.1	redcedar	17	8to36	17.8	14	9.34	19.6	10.14
all QMD	18.8	Douglas-fir	68	4to72	18.2	14	37.36	21.9	50.62
SrvyYr	1897	grand fir	6	8to16	10	9	3.30	10.4	1.01
		hemlock	84	5to36	15.1	12	46.15	17	37.68
Twp-Range 28-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	179	red alder	15	4to15	7.9	8	8.52	8.4	1.24
all avDiam	17.8	redcedar	59	4to70	23.9	24	33.52	28.5	55.98
all QMD	22.1	Douglas-fir	28	6to70	20.5	14.5	15.91	25.6	21.43
SrvyYr	1859	hemlock	68	3to36	14.3	12	38.64	15.9	20.08
		pine	1	24	24	24	0.57	24	0.67
		spruce	2	12to40	26	26	1.14	29.5	2.03
		willow	3	6to9	7.7	8	1.70	7.8	0.21
Twp-Range 28-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	89	red alder	10	4to8	5.8	5.5	11.24	5.9	0.77
all avDiam	18.3	redcedar	27	6to48	14.4	18	30.34	24.6	35.97
all QMD	22.6	Douglas-fir	23	4to70	25.2	20	25.84	31	48.66
SrvyYr	1859	hemlock	27	6to30	14.1	12	30.34	15.5	14.28
		willow	2	6to10	8	8	2.25	8.2	0.30
Twp-Range 28-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	200	red alder	7	4to12	7.9	6	3.50	8.5	0.64
all avDiam	16.6	redcedar	67	4to60	21.7	16	33.50	25.8	56.12
all QMD	19.9	Douglas-fir	18	4to48	24.1	20	9.00	26.5	15.91
SrvyYr	1860	hemlock	102	4to36	12.7	12	51.00	14.2	25.88
		bl maple	3	12to18	15.3	16	1.50	15.5	0.91
		pine	1	8	8	8	0.50	8	0.08
		spruce	1	14	14	14	0.50	14	0.25
		willow	1	6	6	6	0.50	6	0.05
Twp-Range 28-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	253	red alder	24	4to25	14.9	12	9.49	17	5.63
all avDiam	19.0	redcedar	31	6to60	25.3	24	12.25	28.3	20.15
all QMD	22.1	crabapple	2	4to6	5	5	0.79	5	0.04
SrvyYr	1871	Douglas-fir	50	4to72	27.2	28	19.76	30.2	37.00
		hemlock	97	2to40	17.4	15	38.34	19.4	29.62
		bl maple	6	12to20	16.8	17.5	2.37	17.1	1.42
		pine	24	5to20	9.6	8	9.49	10.4	2.11
		spruce	12	8to28	17.3	16	4.74	18.6	3.37
		sknkwd	1	8	8	8	0.40	8	0.05
		vine maple	1	6	6	6	0.40	6	0.03
		willow	4	6to12	8.25	7	1.58	8.6	0.24
		yew	1	10	10	10	0.40	10	0.08
Twp-Range 28-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	286	red alder	26	3to24	7.9	8.5	9.09	9.2	3.42
all avDiam	9.7	barberry	7	3to8	5.1	5	2.45	5.5	0.33
all QMD	15.0	redcedar	51	3to85	23.1	20	17.83	28.3	63.56
SrvyYr	1866	cherry	1	3	3	3	0.35	3	0.01
		crabapple	13	3to10	3.6	3	4.55	4.1	0.34
		cottonwood	2	16to46	31	31	0.70	34.4	3.68
		dogwood	2	3to6	4.5	4.5	0.70	4.7	0.07
		Douglas-fir	57	2to48	8.6	4	19.93	13.6	16.41
		hemlock	28	3to20	9	8	9.79	10	4.36
		hazel	3	3	3	3	1.05	3	0.04
		bl maple	8	3to15	6.6	4	2.80	8	0.80
		pine	4	3to12	6	4.5	1.40	7	0.30
		spruce	11	3to30	13.6	3	3.85	16.9	4.89
		vine maple	49	3to6	3.5	3	17.13	3.6	0.99
		willow	22	3to10	3.9	3	7.69	4.4	0.66
		yew	2	3to4	3.5	3.5	0.70	3.5	0.04
Twp-Range 28-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	285	red alder	9	3to18	5.8	5	3.16	7.3	0.64
all avDiam	11.1	redcedar	38	3to48	25.4	18	13.33	32.5	53.17
all QMD	16.3	cherry	1	3	3	3	0.35	3	0.01
SrvyYr	1873	dogwood	2	3to6	4.5	4.5	0.70	4.7	0.06
		Douglas-fir	28	3to60	10.7	5	9.82	17.9	11.88
		grand fir	8	4to20	7.6	6	2.81	9	0.86
		hemlock	146	3to50	9.7	8	51.23	11.9	27.39
		spruce	1	16	16	16	0.35	16	0.34
		bl maple	39	3to30	7.3	4	13.68	9.8	4.96
		vine maple	12	3to48	3.8	4	4.21	3.9	0.24
		willow	1	2	2	2	0.35	2	0.01

Twp-Range 28-8e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	269	red alder	23	3to20	8.2	7	8.55	8.9	1.66
all avDiam	15.6	barberry	5	4to8	6	6	1.86	6.2	0.17
all QMD	20.2	redcedar	20	4to96	23.2	15	7.43	28.7	27.21
SrvyYr	1883&91	Douglas-fir	35	6to54	24.5	20	13.01	38.9	26.56
		hemlock	148	2to54	14.4	12	55.02	16.9	38.40
		larch	4	8to22	14.5	14	1.49	15.4	0.86
		bl maple	9	4to20	18	14	3.35	22.8	4.25
		spruce	2	20to30	25	25	0.74	25.5	1.18
		vine maple	17	3to6	4.2	4	6.32	4.2	0.27
		willow	4	3to6	4.5	3	1.49	4.2	0.06
		yew	2	3to4	3.5	3.5	0.74	3.5	0.02
Twp-Range 28-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	301	red alder	10	5to10	7.5	7	3.32	7.7	0.65
all avDiam	15.2	redcedar	80	4to50	17.3	14.5	26.58	20	35.12
all QMD	17.4	cherry	1	8	8	8	0.33	8	0.07
SrvyYr	1873	Douglas-fir	89	3to48	15.6	14	29.57	18	31.65
		grand fir	1	16	16	16	0.33	16	0.28
		hemlock	112	4to30	14.1	13	37.21	15.3	28.77
		bl maple	1	11	11	11	0.33	11	0.13
		pine	2	12to16	14	14	0.66	14.1	0.44
		spruce	5	10to40	20.8	20	1.66	23.4	3.00
Twp-Range 28-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	214	red alder	15	5to24	10.7	10	7.01	11.8	3.11
all avDiam	16.2	redcedar	26	8to72	20.6	17	12.15	24.6	23.46
all QMD	17.7	cherry	1	8	8	8	0.47	8	0.10
SrvyYr	1873	crabapple	1	5	5	5	0.47	5	0.04
		Douglas-fir	59	6to46	18.6	18	27.57	20.9	38.43
		grand fir	1	16	16	16	0.47	16	0.38
		hemlock	99	4to32	13.4	12	46.26	14.6	31.47
		bl maple	9	3to24	6.7	4	4.21	9.2	1.14
		spruce	1	36	36	36	0.47	36	1.93
		willow	2	3	3	3	0.93	3	0.03
Twp-Range 27-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	153	red alder	18	4to12	8	7.5	11.76	8.6	2.32
all avDiam	16.4	redcedar	33	6to50	20.8	18	21.57	23.8	32.59
all QMD	19.4	Douglas-fir	46	3to98	20.5	18	30.07	23	42.42
SrvyYr	1859	hemlock	48	6to26	12.8	11	31.37	14	16.40
		spruce	6	5to40	17.8	8	3.92	23.8	5.92
		willow	2	6to8	7	7	1.31	7.1	0.18
Twp-Range 27-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	222	red alder	18	4to15	8.5	8	8.11	9.2	1.71
all avDiam	16.2	redcedar	62	6to70	19.5	13.5	27.93	24.1	40.33
all QMD	20.1	Douglas-fir	50	3to60	22	20	22.52	26.4	39.03
SrvyYr	1859	hemlock	85	6to30	12	10	38.29	13.1	16.34
		bl maple	5	12to24	20	20	2.25	20.5	2.35
		spruce	2	6	6	6	0.90	6	0.08
Twp-Range 27-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	278	red alder	24	3to18	12.7	12	8.63	13.6	4.65
all avDiam	15.5	redcedar	78	6to60	21.5	16	28.06	25.7	53.96
all QMD	18.5	Douglas-fir	52	5to48	15.1	12	18.71	17.8	17.26
SrvyYr	1859	hemlock	114	6to36	12.4	12	41.01	13.6	22.08
		bl maple	5	6to24	14.2	15	1.80	15.4	1.24
		pine	2	10to24	9	9	0.72	9.1	0.17
		spruce	1	24	24	24	0.36	24	0.60
		vine maple	2	4to10	7	7	0.72	7.6	0.12
Twp-Range 27-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	287	red alder	9	8to18	10.1	9	3.14	10.9	1.11
all avDiam	14.1	redcedar	75	4to60	17.3	12	26.13	21.7	36.54
all QMD	18.3	cherry	1	5	5	5	0.35	5	0.03
SrvyYr	1874	crabapple	1	5	5	5	0.35	5	0.03
		dogwood	2	5to8	6.5	6.			

Twp-Range 27-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	268	red alder	18	4to18	11.8	12	6.72	12.7	2.89
all avDiam	14.4	redcedar	45	6to100	21.1	14	16.79	29.5	39.04
all QMD	19.3	casoara	10	4to14	8.7	10	3.73	9.1	0.83
SrvyYr	1871	cottonwood	3	8to36	24.7	30	1.12	27.4	2.25
		crabapple	6	3to6	4.5	4.5	2.24	4.7	0.13
		Douglas-fir	59	3to60	19.7	16	22.01	23.5	32.48
		hemlock	65	4to30	10.5	8	24.25	12.5	10.12
		bl maple	36	3to48	13.3	10	13.43	17.2	10.62
		pine	1	5	5	5	0.37	5	0.02
		spruce	8	5to10	8.1	10	2.99	8.5	0.58
		vine maple	8	4to10	6.3	4	2.99	6.9	0.38
		willow	8	3to11	6.3	6	2.99	7	0.39
		yew	1	18	18	18	0.37	18	0.32

Twp-Range 27-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	286	red alder	11	3to24	13.14	12	3.85	14.1	2.07
all avDiam	14.0	redcedar	48	4to80	25.7	24	16.78	31.3	44.53
all QMD	19.2	cottonwood	7	5to24	12.3	13	2.45	13.6	1.23
SrvyYr	1873	dogwood	2	4	4	4	0.70	4	0.05
		Douglas-fir	28	3to70	21.6	14	9.79	28.7	21.84
		grand fir	1	20	20	20	0.35	20	0.38
		hemlock	127	3to40	10.9	8	44.41	13.2	20.95
		hazel	1	4	4	4	0.35	4	0.02
		bl maple	21	3to30	9.1	4	7.34	12	2.86
		spruce	5	7to50	23.4	20	1.75	28.1	3.74
		casoara	4	6to24	10.5	6	1.40	13.1	0.65
		vine maple	28	3to30	5.5	4	9.79	7.4	1.45
		willow	2	4to10	7	7	0.70	7.6	0.11
		yew	1	12	12	12	0.35	12	0.14

Twp-Range 27-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	223	red alder	20	3to15	6.9	6	8.97	7.7	1.00
all avDiam	18.3	redcedar	60	8to90	24.5	24	26.91	28.6	41.39
all QMD	23.1	cherry	4	4to6	4.8	4.5	1.79	4.8	0.08
SrvyYr	1859	Douglas-fir	77	3to60	23.2	24	34.53	27.6	49.47
		hemlock	35	4to24	12.1	12	15.70	13.2	5.14
		bl maple	10	3to20	9.9	6.5	4.48	11.9	1.19
		pine	1	12	12	12	0.45	12	0.12
		spruce	4	15to24	20.8	22	1.79	21.1	1.50
		vine maple	3	4	4	4	1.35	4	0.04
		willow	9	3to5	3.9	4	4.04	3.9	0.12

Twp-Range 27-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	161	red alder	17	4to20	10.2	10	10.56	11.2	4.78
all avDiam	12.9	redcedar	13	9to48	23.8	18	8.07	26.7	20.76
all QMD	16.7	cherry	3	5to6	5.3	5	1.86	5.6	0.21
SrvyYr	1877	crabapple	1	6	6	6	0.62	6	0.08
		Douglas-fir	91	3to60	14	10	56.52	18.2	67.52
		hemlock	27	4to14	7.5	7	16.77	8	3.87
		bl maple	8	3to20	8.3	6	4.97	9.7	1.69
		spruce	1	20	20	20	0.62	20	0.90

Twp-Range 26-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	241	red alder	20	4to12	7.2	6	8.30	7.9	2.11
all avDiam	13.3	redcedar	58	4to36	14.3	11	24.07	15.7	24.22
all QMD	15.7	cherry	1	4	4	4	0.41	4	0.03
SrvyYr	1859	Douglas-fir	74	3to50	16.7	14	30.71	19.9	49.65
		grand fir	1	38	38	38	0.41	38	2.45
		hemlock	70	3to26	10.2	10	29.05	11.3	15.14
		bl maple	2	8to20	14	14	0.83	15.2	0.78
		madrone	1	16	16	16	0.41	16	0.43
		pine	14	6to26	14.1	12	5.81	15.7	5.85

Twp-Range 26-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	157	red alder	13	4to10	5.3	4	8.28	5.7	0.75
all avDiam	15.0	redcedar	44	3to50	17.6	15	28.03	20.6	33.08
all QMD	19.0	Douglas-fir	45	4to50	19.8	12	28.66	24.5	47.86
SrvyYr	1859	hemlock	50	4to36	11.4	8	31.85	13.7	16.63
		madrone	3	4to18	9	5	1.91	11	0.64
		pine	1	12	12	12	0.64	12	0.26
		spruce	1	16	16	16	0.64	16	0.45

Twp-Range 26-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	239	red alder	16	3to14	6.6	5.5	6.69	7.4	0.71
all avDiam	17.7	ash	2	5to8	6.5	6.5	0.84	6.7	0.07
all QMD	22.7	redcedar	64	4to72	21.5	17	26.78	25.7	34.46
SrvyYr	1859	cherry	2	3to4	3.5	3.5	0.84	3.5	0.02
		crabapple	2	4to9	6.5	6.5	0.84	7	0.08
		cottonwood	2	12to16	14	14	0.84	14	0.32
		Douglas-fir	102	3to72	22.1	15.5	42.68	26.7	59.28
		hemlock	34	3to18	9.5	8.5	14.23	10.4	3.00
		bl maple	6	3to40	13.8	10	2.51	18.8	1.73
		pine	2	4	4	4	0.84	4	0.03
		vine maple	4	3to4	3.5	3.5	1.67	3.5	0.04
		willow	2	3to6	4.5	4.5	0.84	4.7	0.04
		yew	1	4	4	4	0.42	4	0.01

Twp-Range 26-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	284	alder	13	4to12	7.3	7	4.58	7.7	0.51
all avDiam	18.2	ash	11	6to24	11.9	9	3.87	13.6	1.34
all QMD	23.1	redcedar	86	4to86	23.2	20	30.28	27.2	41.98
SrvyYr	1870	cherry	3	5	5	5	1.06	5	0.05
		crabapple	10	3to10	5.7	5.5	3.52	5.9	0.23
		Douglas-fir	103	3to90	21.1	18	36.27	26.4	47.37
		grand fir	2	6to8	7	7	0.70	7.1	0.07
		hemlock	34	3to46	12.6	10	11.97	15.1	5.12
		BL maple	16	4to30	11.7	10	5.63	13.7	1.98
		spruce	2	24to36	30	30	0.70	30.6	1.24
		willow	3	4to8	5.3	4	1.06	5.7	0.06
		yew	1	14	14	14	0.35	14	0.13

Twp-Range 26-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	297	red alder	20	2to36	11.3	8.5	6.73	14.4	3.29
all avDiam	15.8	redcedar	63	3to50	20.5	16	21.21	23.9	28.54
all QMD	20.6	cherry	1	4	4	4	0.34	4	0.01
SrvyYr	1873	cottonwood	1	44	44	44	0.34	44	1.54
		crabapple	6	3to10	6	5.5	2.02	6.5	0.20
		dogwood	1	2	2	2	0.34	2	0.00
		Douglas-fir	91	3to80	21.4	22	30.64	25.9	48.42
		hemlock	54	2to36	10.8	8	18.18	13.8	8.16
		hazel	2	2to36	2.5	2.5	0.67	2.5	0.01
		bl maple	20	2to48	16.5	10	6.73	22.1	7.75
		spruce	11	4to34	11.5	10	3.70	13.9	1.69
		casoara	1	12	12	12	0.34	12	0.11
		vine maple	21	2to7	4.4	4	7.07	4.7	0.37
		willow	5	2to36	2.4	2	1.68	6	0.14

Twp-Range 26-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	290	red alder	9	2to32	12.7	10	3.10	15.8	1.43
all avDiam	18.4	barberry	2	5to6	5.5	5.5	0.69	5.5	0.04
all QMD	23.3	redcedar	67	4to72	30.9	30	23.10	34.8	51.55
SrvyYr	1885	cherry	1	7	7	7	0.34	7	0.03
		casoara	1	10	10	10	0.34	10	0.06
		cottonwood	1	45	45	45	0.34	45	1.29
		crabapple	5	4to12	6.6	5	1.72	7.3	0.17
		dogwood	2	5to6	6.5	6.5	0.69	6.7	0.06
		Douglas-fir	40	4to60	20.4	14.5	13.79	25.7	16.78
		hemlock	139	4to50	14.1	10	47.93	17.1	25.82
		bl maple	12	6to30	16.1	14	4.14	18.4	2.58
		spruce	1	10	10	10	0.34	10	0.06
		vine maple	7	4to6	4.7	4	2.41	4.8	0.10
		willow	2	4to50	4.5	4.5	0.69	4.5	0.03
		yew	1	9	9	9	0.34	9	0.05

Twp-Range 26-8e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	286	red alder	2	12to14	13	13	0.70	13	0.13
all avDiam	25.75	barberry	1	5	5	5	0.35	5	0.01
all QMD	30.31	redcedar	39	10to84	39.9	36	13.64	43.9	28.60
SrvyYr	1895	Douglas-fir	54	4to108	27.7	20	18.88	34.5	24.46
		hemlock	172	4to60	23.8	20.5	60.14	25.3	41.89
		bl maple	5</						

Twp-Range 25-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	239	red alder	42	3to16	5	4	17.57	5.5	2.12
all avDiam	12.4	redcedar	16	4to20	10.3	9	6.69	11.2	3.35
all QMD	15.8	dogwood	2	5to6	5.5	5.5	0.84	5.5	0.10
SrvyYr	1858	Douglas-fir	141	2to60	16.4	14	59.00	19.5	89.54
		hemlock	21	4to24	8.9	8	8.79	10	3.51
		bl maple	2	4	4	4	0.84	4	0.05
		madrone	3	3to10	4	4	1.26	4	0.08
		pine	5	6to10	8.8	10	2.09	8.9	0.66
		skunkwood	2	5to6	5.5	5.5	0.84	5.5	0.10
		willow	5	3to4	3.2	3	2.09	3.2	0.09
Twp-Range 25-3e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	94	red alder	13	6to70	16.1	12	13.83	22.7	14.31
all avDiam	19.2	ash	1	10	10	10	1.06	10	0.21
all QMD	22.3	barberry	1	7	7	7	1.06	7	0.10
SrvyYr	1855	redcedar	22	9to40	24.9	24	23.40	26.6	33.25
		Douglas-fir	44	7to48	20	18	46.81	22.4	47.16
		hemlock	5	4to9	7.2	8	5.32	7.5	0.60
		bl maple	7	10to24	15.7	18	7.45	16.6	4.12
		willow	1	4	4	4	1.06	4	0.03
Twp-Range 25-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	164	red alder	11	6to24	12.6	12	6.71	13.7	3.35
all avDiam	16.1	ash	7	2to20	9	10	4.27	11.2	1.42
all QMD	19.4	barberry	2	3to15	11.5	11.5	1.22	14.3	0.66
SrvyYr	1855	redcedar	44	6to40	19.7	18	26.83	22	34.55
		orabapple	1	5	5	5	0.61	5	0.04
		cottonwood	3	10to20	16.7	20	1.83	17.3	1.46
		Douglas-fir	74	2to50	17.2	14	45.12	21.2	53.95
		grand fir	1	15	15	15	0.61	15	0.36
		hemlock	14	2to18	8.2	8	8.54	9.2	1.92
		bl maple	6	5to20	13.8	15	3.66	14.8	2.13
		willow	1	10	10	10	0.61	10	0.16
Twp-Range 25-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	256	red alder	17	2to20	7.8	7	6.64	9.2	1.39
all avDiam	17.0	ash	1	16	16	16	0.39	16	0.25
all QMD	20.1	redcedar	82	5to60	20.9	20	32.03	24.1	46.00
SrvyYr	1870	cottonwood	3	16to20	17.3	16	1.17	17.4	0.88
		orabapple	4	5to10	6.5	5.5	1.56	6.8	0.18
		Douglas-fir	111	4to54	17.7	18	43.36	20.5	45.05
		hemlock	18	4to30	12.1	10.5	7.03	13.5	3.17
		bl maple	16	6to20	12.1	11	6.25	12.8	2.53
		pine	1	12	12	12	0.39	12	0.14
		vine maple	1	6	6	6	0.39	6	0.03
		willow	2	6	6	6	0.78	6	0.07
Twp-Range 25-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	243	red alder	24	2to36	8.3	6	9.88	10.8	3.14
all avDiam	15.5	ash	1	8	8	8	0.41	8	0.07
all QMD	19.1	redcedar	46	3to48	19.7	16	18.93	22.8	26.86
SrvyYr	1874	chittewood	1	3	3	3	0.41	3	0.01
		cottonwood	1	44	44	44	0.41	44	2.17
		dogwood	1	10	10	10	0.41	10	0.11
		Douglas-fir	100	3to48	17.7	14	41.15	21.2	50.48
		hemlock	48	4to 36	11.7	11	19.75	14.3	11.02
		bl maple	20	3to 42	13.1	11	8.23	17.2	6.65
		willow	1	5	5	5	0.41	5	0.03
Twp-Range 25-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	279	red alder	24	2to30	9.4	6.5	8.60	11.9	4.57
all avDiam	12.2	barberry	6	3to10	6.5	6	2.15	7	0.40
all QMD	16.3	redcedar	56	3to60	14.8	12	20.07	17.5	23.08
SrvyYr	1873	cherry	1	4	4	4	0.36	4	0.02
		cascara	2	5to10	7.6	7.5	0.72	7.9	0.17
		orabapple	5	3to6	3.8	3	1.79	4	0.11
		cottonwood	7	4to45	18.1	15	2.51	21.9	4.52
		dogwood	1	3	3	3	0.36	3	0.01
		Douglas-fir	43	3to48	13.3	10	15.41	16.9	16.52
		hemlock	90	3to36	11.4	8	32.26	14	23.73
		hazel	1	3	3	3	0.36	3	0.00
		bl maple	14	3to72	23	13	5.02	32.5	19.90
		spruce	2	10to60	35	35	0.72	43	4.98
		vine maple	24	3to30	5.6	4	8.60	8.2	2.17
		willow	2	3to5	4	4	0.72	4.1	0.05
		yew	1	7	7	7	0.36	7	0.07

Twp-Range 25-8e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	279	red alder	5	5to36	17	18	1.79	20.2	1.26
all avDiam	19.9	barberry	1	4	4	4	0.36	4	0.01
all QMD	24.1	redcedar	45	5to96	31.3	28	16.13	36.5	37.09
SrvyYr	1891	Douglas-fir	16	3to100	32.4	29	5.73	40.2	16.00
		hemlock	194	3to40	17	18	69.53	18.9	42.88
		bl maple	6	8to30	14.2	12	2.15	16	0.95
		spruce	6	6to28	19	22	2.15	21	1.64
		vine maple	6	3to5	3.5	3	2.15	3.6	0.05
Twp-Range 25-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	183	red alder	7	3to18	7.3	6	3.83	8.6	0.63
all avDiam	17.9	redcedar	49	7to50	16	15	26.78	17.9	19.00
all QMD	21.3	cherry	1	4	4	4	0.55	4	0.02
SrvyYr	1859	Douglas-fir	95	3to55	21.6	18	51.91	25.3	73.58
		hemlock	20	4to18	10	9.5	10.93	10.6	2.72
		bl maple	7	15to20	17.6	18	3.83	17.7	2.65
		madrone	3	16to20	18	18	1.64	18.1	1.19
		willow	1	10	10	10	0.55	10	0.12
Twp-Range 25-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	137	red alder	2	12to14	13	13	1.46	13	0.52
all avDiam	19.4	redcedar	25	7to45	17.6	15	18.25	19.5	14.54
all QMD	21.8	Douglas-fir	66	10to55	23.3	19	48.18	25.9	67.74
SrvyYr	1871	hemlock	35	7to30	14.6	14	25.55	15.9	13.54
		bl maple	3	14	14	14	2.19	14	0.90
		madrone	5	8to24	16.4	20	3.65	17.5	2.34
		spruce	1	14	14	14	0.73	14	0.30
Twp-Range 24-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	222	red alder	27	3to15	7	6	12.16	7.8	1.70
all avDiam	16.7	ash	1	6	6	6	0.45	6	0.04
all QMD	20.9	redcedar	33	7to50	20.2	18	14.86	23.1	18.23
SrvyYr	1858	cherry	1	5	5	5	0.45	5	0.03
		orabapple	2	3to6	4.5	4.5	0.90	4.7	0.05
		dogwood	3	5to12	7.7	6	1.35	8.3	0.21
		elder	1	4	4	4	0.45	4	0.02
		Douglas-fir	107	3to72	22.2	18	48.20	25.6	72.59
		hemlock	26	5to40	10.3	8	11.71	12.6	4.27
		bl maple	10	3to30	10.3	4.5	4.50	14.4	2.15
		madrone	3	9to10	9.7	10	1.35	9.7	0.29
		pine	2	6to10	7	7	0.90	8.2	0.14
		skunkwood	1	4	4	4	0.45	4	0.02
		willow	5	2to4	2.4	3	2.25	3.1	0.05
Twp-Range 24-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	108	red alder	18	3to16	5.6	4	16.67	6.5	1.63
all avDiam	16.3	redcedar	14	8to40	23	10	12.96	25.6	19.61
all QMD	20.8	cherry	1	3	3	3	0.93	3	0.02
SrvyYr	1858	Douglas-fir	64	3to50	18.9	15.5	59.26	23.2	73.64
		hemlock	7	4to36	13.3	9	6.48	17.4	4.53
		bl maple	2	10to12	11	11	1.85	11	0.52
		spruce	1	7	7	7	0.93	7	0.10
		willow	1	3	3	3	0.93	3	0.02
Twp-Range 24-3e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	82	red alder	8	3to9	6	6	9.76	6.5	1.37
all avDiam	13.1	redcedar	31	3to24	14.3	12	37.80	15.5	30.27
all QMD	17.3	dogwood	1	3	3	3	1.22	3	0.04
SrvyYr	1862	Douglas-fir	29	3to50	17.5	12	35.37	23.7	66.21
		hazel	2	3	3	3	2.44	3	0.07
		hemlock	4	9to11	10.3	10.5	4.88	10.3	1.72
		bl maple	2	3	3	3	2.44	3	0.07
		willow	4	3	3	3	4.88	3	0.15
		yew	1	8	8	8	1.22	8	0.26
Twp-Range 24-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	196	red alder	36	3to18	7.1	7	18.37	7.9	4.95
all avDiam	12.2	ash	7	3to12	8	9	3.5		

Twp-Range 24-5e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	252	red alder	30	3to15	5.7	5	11.90	6.3	2.64
all avDiam	10.9	ash	3	3to6	4	3	1.19	4.2	0.12
all QMD	13.4	redcedar	73	3to36	12.4	10	28.97	14.4	33.59
SrvyYr	1864	cherry	1	3	3	3	0.40	3	0.02
		crabapple	1	3	3	3	0.40	3	0.02
		Douglas-fir	79	3to40	14.8	14	31.35	17.3	52.46
		hemlock	25	3to30	9.2	8	9.92	10.6	6.23
		hazel	1	3	3	3	0.40	3	0.02
		bl maple	16	3to18	8.3	7.5	6.35	9.6	3.27
		pine	4	5to12	8.8	9	1.59	9.3	0.77
		vine maple	7	3to7	4.1	3	2.78	4.4	0.30
		willow	12	3to7	3.6	3	4.76	3.8	0.38
Twp-Range 24-6e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	249	red alder	45	3to24	6.5	5	18.07	7.9	5.78
all avDiam	9.8	ash	1	4	4	4	0.40	4	0.03
all QMD	14.0	barberry	2	7to9	8	8	0.80	8.1	0.27
SrvyYr	1864	redcedar	37	6to40	17.5	12	14.86	20.5	31.99
		cherry	8	3to4	3.3	3	3.21	3.3	0.18
		crabapple	2	3	3	3	0.80	3	0.04
		dogwood	2	3to4	3.5	3.5	0.80	3.5	0.05
		Douglas-fir	94	3to72	11.3	8	37.75	16.2	50.75
		hemlock	4	8to40	17	10	1.61	21.6	3.84
		bl maple	26	3to36	7.4	4	10.44	10.6	6.01
		vine maple	12	3to7	4.3	4	4.82	4.4	0.48
		willow	16	3to11	3.6	3	6.43	4.1	0.55
Twp-Range 24-7e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	286	red alder	23	3to14	6	5	8.04	6.7	0.98
all avDiam	12.6	barberry	3	4to7	5	4	1.05	5.2	0.08
all QMD	19.2	redcedar	36	3to120	19.5	10	12.59	30.5	31.66
SrvyYr	1873	cherry	9	3to10	4.7	4	3.15	5.3	0.24
		crabapple	1	2	2	2	0.35	2	0.00
		Douglas-fir	72	3to100	15.6	8	25.17	23.8	38.56
		hemlock	69	3to36	13.7	12	24.13	16.2	17.12
		bl maple	25	3to45	13.1	12	8.74	16.9	6.75
		spruce	3	12to42	28	30	1.05	30.6	2.66
		vine maple	39	3to36	4.9	3	13.64	6.9	1.76
		willow	4	3to45	3.3	3	1.40	3.3	0.04
		yew	2	7to10	8.5	8.5	0.70	8.6	0.14
Twp-Range 24-8e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	213	red alder	23	3to24	6.3	5	10.80	7.4	3.86
all avDiam	9.1	barberry	4	6to10	8	8	1.88	8.1	0.80
all QMD	12.4	redcedar	21	3to48	18.8	12	9.86	23.4	35.26
SrvyYr	1865	cherry	2	3to5	4	4	0.94	4.4	0.12
		crabapple	2	3to5	4	4	0.94	4.1	0.10
		cottonwood	1	10	10	10	0.47	10	0.31
		Douglas-fir	29	3to50	10.2	8	13.62	12.2	13.23
		hemlock	82	3to36	10.5	9	38.50	12.5	39.29
		hazel	5	3to5	3.4	3	2.35	3.5	0.19
		bl maple	7	3to16	5.3	3	3.29	6.9	1.02
		spruce	1	8	8	8	0.47	8	0.20
		vine maple	35	3to5	3.4	3	16.43	3.5	1.31
		willow	1	5	5	5	0.47	5	0.08
Twp-Range 24-1w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	287	red alder	11	4to10	6.7	6	3.83	6.9	0.40
all avDiam	17.9	redcedar	35	6to44	16	14	12.20	17.7	8.45
all QMD	21.3	dogwood	1	12	12	12	0.35	12	0.11
SrvyYr	1880	Douglas-fir	193	3to50	20.9	20	67.25	24	85.69
		hemlock	41	3to30	9.6	9	14.29	11	3.82
		bl maple	2	10	10	10	0.70	10	0.15
		pine	3	14	4	1.05	19.9	0.92	
		casara	1	8	8	8	0.35	8	0.05
Twp-Range 24-2w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	251	red alder	20	3to12	6.5	5	7.97	7.2	1.49
all avDiam	13.8	redcedar	40	4to40	18	14	15.94	20.7	24.56
all QMD	16.7	Douglas-fir	133	3to50	16	12	52.99	18.6	65.94
SrvyYr	1877	hemlock	43	3to30	8.5	8	17.13	9.8	5.92
		bl maple	2	8to20	14	14	0.80	14	0.56
		pine	8	6to24	10.5	9.5	3.19	11.8	1.60
		casara	1	4	4	4	0.40	4	0.02
		vine maple	1	4	4	4	0.40	4	0.02
		willow	3	4to5	4.7	5	1.20	4.7	0.09

Twp-Range 24-3w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	136	red alder	1	14	14	14	0.74	14	0.41
all avDiam	16.1	redcedar	12	5to30	16.8	14	8.82	18.3	8.37
all QMD	18.8	dogwood	1	4	4	4	0.74	4	0.03
SrvyYr	1875	Douglas-fir	93	4to50	17.4	15	68.38	19.8	75.98
		grand fir	2	30to50	40	40	1.47	41.2	7.07
		hemlock	18	4to24	10.1	9	13.24	11	4.54
		bl maple	4	7to36	16	10.5	2.94	19.8	3.27
		pine	1	7	7	7	0.74	7	0.10
		vine maple	3	3to4	3.7	4	2.21	3.7	0.09
		yew	1	8	8	8	0.74	8	0.13
Twp-Range 23-1e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	278	red alder	29	3to14	5.3	5	10.43	5.7	0.91
all avDiam	15.6	aspen	2	4to5	4.5	4.5	0.72	4.5	0.04
all QMD	19.3	redcedar	19	6to45	16.1	16	6.83	18.1	6.02
SrvyYr	1858	cherry	3	3to4	3.7	4	1.08	3.7	0.04
		dogwood	3	4to5	4.3	4	1.08	4.4	0.06
		Douglas-fir	177	3to90	20	18	63.67	23	90.55
		grand fir	2	12	12	12	0.72	12	0.28
		hemlock	12	4to22	7.8	7	4.32	9.1	0.96
		hazel	1	3	3	3	0.26	3	0.01
		bl maple	1	4	4	4	0.36	4	0.02
		madrone	1	4	4	4	0.36	4	0.02
		pine	15	4to18	8.7	8	5.40	9.5	1.31
		spruce	1	5	5	5	0.36	5	0.02
		willow	12	3to4	3.8	4	4.32	3.9	0.18
Twp-Range 23-2e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	163	red alder	26	3to16	6.4	5.5	15.95	7	1.42
all avDiam	18.4	redcedar	18	5to30	15.2	12	11.04	16.9	5.73
all QMD	23.5	cherry	2	4	4	4	1.23	4	0.04
SrvyYr	1858	crabapple	1	6	6	6	0.61	6	0.04
		elder	1	4	4	4	0.61	4	0.02
		Douglas-fir	100	3to90	24.3	20	61.35	28.6	91.13
		hemlock	8	5to10	7	7	4.91	7.2	0.46
		bl maple	5	3to28	11.4	6	3.07	14.7	1.20
		willow	2	3to4	3.5	3.5	1.23	3.5	0.03
Twp-Range 23-4e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	271	red alder	40	3to24	6.1	4	14.76	7.3	2.63
all avDiam	12.2	ash	13	3to18	8.3	8.5	4.80	9.1	1.33
all QMD	17.3	barberry	2	3to6	4.5	4.5	0.74	4.7	0.05
SrvyYr	1862	redcedar	59	3to100	17.5	12	21.77	23.1	38.86
		cherry	3	3to4	3.3	3	1.11	3.4	0.04
		crabapple	3	5to10	7	6	1.11	7.3	0.20
		cottonwood	4	3to40	23.5	25.5	1.48	28.9	4.12
		dogwood	1	3	3	3	0.37	3	0.01
		Douglas-fir	98	3to70	14.9	11	36.16	20	48.38
		hazel	1	3	3	3	0.37	3	0.01
		hemlock	2	10to12	11	11	0.74	11	0.30
		bl maple	8	3to25	12.9	14	2.95	15.3	2.31
		vine maple	4	3to8	5.5	5.5	1.48	5.8	0.17
		willow	33	2to18	5.3	4	12.18	6.3	1.62
Twp-Range 23-5e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	255	red alder	40	3to22	6.6	5	15.69	7.9	4.56
all avDiam	11.0	ash	3	8to10	9	9	1.18	9	0.44
all QMD	14.7	barberry	2	8to11	9.5	9.5	0.78	9.5	0.33
SrvyYr	1865	redcedar	44	4to72	14.1	11.5	17.25	17.9	25.73
		cherry	4	3to9	5	4	1.57	5.6	0.23
		crabapple	7	3to11	5.9	5	2.75	6.4	0.52
		cottonwood	3	10to36	19.3	12	11.8	22.7	2.82
		dogwood	1	10	10	10	0.39	10	0.18
		Douglas-fir	71	3to72	15	12	27.84	19.7	50.28
		hemlock	40	6to30	11.4	10	15.69	12.6	11.59
		hazel	1	3	3	3	0.39	3	0.02
		bl maple	10	3to14	10	11	3.92	10.4	1.97

Twp-Range 23-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	291	red alder	6	10to18	14	13.5	2.06	14.4	0.54
all avDiam	23.1	redcedar	31	3to120	43.7	40	10.65	50.1	33.88
all QMD	28.1	Douglas-fir	24	6to72	36.8	36	8.25	43.5	19.77
SrvyYr	1892	grand fir	15	8to24	15.3	12	5.15	16.8	1.84
		hemlock	193	3to60	19.4	20	66.32	21.4	38.48
		bl maple	3	8to18	12	10	1.03	12.8	0.21
		spruce	14	8to60	25.9	23	4.81	29.5	5.30
		vine maple	4	3to6	3.8	3	1.37	4	0.03
		yew	1	10	10	10	0.34	10	0.04

Twp-Range 23-8e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	274	red alder	3	3to8	5.7	6	1.09	6	0.07
all avDiam	19.4	barberry	1	8	8	8	0.36	8	0.04
all QMD	24.0	redcedar	26	3to72	28.1	29	9.49	33	17.89
SrvyYr	1866&91	Douglas-fir	62	3to93	27.9	26	22.63	31.8	39.61
		grand fir	17	9to110	18.3	18	6.20	19.7	4.17
		hemlock	122	3to40	17.4	18	44.53	19.6	29.61
		bl maple	4	3to28	18.3	21	1.46	20.6	1.07
		spruce	8	8to100	26.3	18	2.92	38.8	7.61
		vine maple	26	3to93	3.6	3	9.49	3.8	0.24
		willow	5	3to5	3.4	3	1.82	3.5	0.04

Twp-Range 23-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	289	red alder	12	3to30	11.3	8	4.15	14.3	1.49
all avDiam	19.1	redcedar	15	6to120	36.9	30	5.19	47.7	20.73
all QMD	23.9	cherry	3	3to9	5.7	5	1.04	9.6	0.17
SrvyYr	1872	crabapple	4	4to6	5.3	5	1.38	5.3	0.07
		dogwood	1	3	3	3	0.35	3	0.01
		Douglas-fir	208	3to66	20.9	18	71.97	24	72.77
		grand fir	2	18to30	24	24	0.69	24.7	0.74
		hemlock	16	3to36	9.5	8	5.54	12.1	1.42
		bl maple	7	3to36	16.7	12	2.42	21.4	1.95
		madrone	1	4	4	4	0.35	4	0.01
		pine	12	5to18	9.3	9	4.15	9.9	0.71
		skookumwo	1	6	6	6	0.35	6	0.02
		willow	7	3to4	3.1	3	2.42	3.2	0.04

Twp-Range 23-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	285	red alder	19	5to18	11.6	11	6.67	12.3	3.14
all avDiam	15.7	redcedar	8	8to40	18	14.5	2.81	20.5	3.67
all QMD	17.9	crabapple	1	8	8	8	0.35	8	0.07
SrvyYr	1874	Douglas-fir	194	3to50	17.7	15	68.07	19.8	83.08
		hemlock	22	3to14	10.3	10	7.72	10.8	2.80
		madrone	1	3	3	3	0.35	3	0.01
		pine	40	4to48	10.6	10	14.04	12.7	7.05

Twp-Range 23-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	227	red alder	15	3to20	9.5	9	6.61	10.3	2.05
all avDiam	15.6	redcedar	19	3to60	16.1	12	8.37	20.3	10.10
all QMD	18.5	Douglas-fir	145	3to50	18.2	15	63.88	20.8	80.93
SrvyYr	1874	hemlock	21	5to14	9.5	9	9.25	9.8	2.60
		bl maple	5	4to20	9.8	5	2.20	11.8	0.90
		madrone	3	4to12	7	5	1.32	7.9	0.24
		pine	17	3to30	9.8	9	7.49	11.4	2.85
		vine maple	2	6	6	6	0.88	6	0.09

Twp-Range 23-4w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	251	red alder	4	8to10	8.8	8.5	1.59	8.8	0.46
all avDiam	13.3	redcedar	18	5to40	15.6	10	7.14	18.6	9.18
all QMD	16.4	dogwood	1	4	4	4	0.40	4	0.02
SrvyYr	1873	Douglas-fir	103	4to42	19	18	40.87	21.4	69.50
		hemlock	66	3to40	10.8	10	26.19	12.7	15.69
		bl maple	5	3to18	9.2	8	1.98	10.4	0.80
		pine	3	8	8	8	1.19	8	0.28
		shittewood	5	2to4	3	3	1.98	3	0.07
		vine maple	40	3to28	5	4	15.87	6.4	2.41
		willow	6	2to28	8.3	4	2.38	12.4	1.36

Twp-Range 22-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	228	red alder	26	4to18	6.2	5	11.40	7.1	1.46
all avDiam	16.4	redcedar	21	5to79	20.1	18	9.21	25	14.64
all QMD	19.8	cherry	1	3	3	3	0.44	3	0.01
SrvyYr	1857	Douglas-fir	143	3to84	19.8	18	62.72	22.4	80.01
		hemlock	17	4to22	11	10	7.46	11.9	2.68
		bl maple	3	3to16	7.3	3	1.32	9.6	0.31
		madrone	1	4	4	4	0.44	4	0.02
		pine	11	4to12	8.4	8	4.82	8.7	0.93
		willow	5	3to4	3.2	3.2	2.19	3.2	0.06

Twp-Range 22-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	130	red alder	11	3to10	6.1	5	8.46	6.6	0.82
all avDiam	17.9	redcedar	17	8to48	21.1	16	13.08	24.6	17.54
all QMD	21.2	cherry	1	4	4	4	0.77	4	0.03
SrvyYr	1857	Douglas-fir	87	3to50	20.3	18	66.92	23	78.47
		hemlock	8	4to12	7.8	8.5	6.15	8.2	0.92
		bl maple	4	6to28	15.5	14	3.08	17.4	2.06
		madrone	1	4	4	4	0.77	4	0.03
		skunkwood	1	6	6	6	0.77	6	0.06

Twp-Range 22-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	231	red alder	34	3to34	6.7	5	14.72	9	4.68
all avDiam	11.7	ash	23	3to18	8.8	8	9.96	9.9	3.83
all QMD	16.0	barberry	6	3to18	6.3	3	2.60	8.4	0.72
SrvyYr	1863	redcedar	42	4to50	17	12.5	18.18	19.8	27.96
		crabapple	5	4to8	5.8	6	2.16	6	0.31
		cottonwood	6	12to50	33.5	36	2.60	35.5	12.84
		dogwood	4	3to4	3.3	3	1.73	3.3	0.07
		Douglas-fir	44	3to79	18.5	13.5	19.05	23	39.53
		hemlock	2	12to13	12.5	12.5	0.87	12.5	0.53
		bl maple	17	3to34	9.5	4	7.36	13.2	5.03
		spruce	1	36	36	36	0.43	36	2.20
		vine maple	25	3to12	5.6	5	10.82	6.2	1.63
		willow	22	3to9	4.5	3.5	9.52	4.9	0.90

Twp-Range 22-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	261	red alder	41	3to24	10.7	10	15.71	12.2	5.32
all avDiam	16.6	ash	5	6to30	16.8	12	1.92	19	1.57
all QMD	21.0	barberry	2	8to15	11.5	11.5	0.77	12	0.25
SrvyYr	1867	redcedar	6	8to60	24.7	16	2.30	30.6	4.90
		cherry	4	7to30	16.3	14	1.53	18.8	1.23
		crabapple	1	4	4	4	0.38	4	0.01
		cottonwood	2	36	36	36	0.77	36	2.26
		dogwood	3	4to7	5	4	1.15	5.2	0.07
		Douglas-fir	72	6to80	26.8	24	27.59	30.7	59.20
		hemlock	86	3to50	14.5	12	32.95	17	21.68
		bl maple	19	4to30	11.1	8	7.28	13.5	3.02
		vine maple	17	3to12	4.5	4	6.51	5	0.37
		willow	3	4to14	8	6	1.15	9.1	0.22

Twp-Range 22-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	289	red alder	26	3to16	8.4	8	9.00	9.1	2.18
all avDiam	13.9	barberry	6	4to6	5.2	5	2.08	5.2	0.16
all QMD	18.5	redcedar	5	4to50	18.8	12	1.73	25.5	3.29
SrvyYr	1880	cherry	7	5to8	6.4	6	2.42	6.5	0.30
		cottonwood	2	14	14	14	0.69	14	0.40
		dogwood	1	3	3	3	0.35	3	0.01
		Douglas-fir	143	3to60	18.8	14	49.48	23.5	79.93
		hemlock	53	3to30	10.5	8	18.34	12.7	8.65
		hazel	1	4	4	4	0.35	4	0.02
		bl maple	19	3to30	12.9	12	6.57	15.3	4.50
		spruce	1	20	20	20	0.35	20	0.40
		vine maple	21	3to7	4.2	4	7.27	4.4	0.41
		willow	4	3to5	3.5	3	1.38	3.6	0.05

Twp-Range 22-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	290	red alder	7	6to20	10.4	9	2.41	11.3	0.42
all avDiam	23.0	redcedar	41	10to72	26.2	24	14.14	29.2	16.58
all QMD	27.0	Douglas-fir	125	3to84	26.4	28	43.10	31.3	58.09
SrvyYr	1891	hemlock	97	3to40	19.2	20	33.45	20.9	20.10
		bl maple	8	5to36	19.9	19	2.76	22.8	1.97
		spruce	8	10to50	23.3	18			

Twp-Range 22-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	215	red alder	8	5to20	10.6	10	3.72	11.8	1.38
all avDiam	16.1	redcedar	13	6to42	20.3	20	6.05	22.6	8.25
all QMD	19.3	dogwood	3	4to6	5.3	6	1.40	5.4	0.11
SrvyYr	1861	Douglas-fir	131	4to60	19.3	18	60.93	22.4	81.71
		hemlock	18	6to25	12.2	11	8.37	13.1	3.84
		bl maple	6	5to24	15.2	16	2.79	16.3	1.98
		madrone	8	4to12	5.5	4	3.72	6.2	0.38
		pine	16	4to18	8.4	6	7.44	9.4	1.76
		vine maple	8	4to8	5.1	4.5	3.72	5.3	0.28
		willow	1	4	4	4	0.47	4	0.02
		yew	3	6to15	9.7	8	1.40	10.4	0.40
Twp-Range 22-4w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	241	red alder	4	4to14	7.8	6.5	1.66	8.6	0.33
all avDiam	15.8	redcedar	19	4to28	15.4	14	7.88	16.9	6.08
all QMD	19.2	Douglas-fir	150	3to60	19.7	16	62.24	22.8	87.43
SrvyYr	1873	hemlock	19	4to20	10.3	9	7.88	11.3	2.72
		hazel	1	3	3	3	0.41	3	0.01
		bl maple	7	4to14	8.9	8	2.90	9.5	0.71
		pine	22	3to24	8.6	8	9.13	9.7	2.32
		vine maple	15	3to12	4.7	4	6.22	5.2	0.45
		willow	3	2to4	3	3	1.24	3.1	0.03
		yew	1	10	10	10	0.41	10	0.11
Twp-Range 22-5w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	197	red alder	1	6	6	6	0.51	6	0.03
all avDiam	20.3	redcedar	21	7to48	19.5	18	10.66	21.7	9.43
all QMD	23.1	cottonwood	4	10to40	22.5	20	2.03	25.6	2.50
SrvyYr	1895	dogwood	1	7	7	7	0.51	7	0.05
		Douglas-fir	119	5to60	24	24	60.41	25.9	76.12
		grand fir	1	18	18	18	0.51	18	0.31
		hemlock	27	4to36	16.9	16	13.71	19.6	9.89
		bl maple	1	4	4	4	0.51	4	0.02
		pine	8	6to24	11.8	10	4.06	12.9	1.27
		vine maple	14	2to7	4.2	4	7.11	4.4	0.26
Twp-Range 21-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	146	red alder	17	3to14	6.1	6	11.64	6.6	1.66
all avDiam	13.6	barberry	2	4to12	8	8	1.37	8.9	0.36
all QMD	17.5	redcedar	22	5to60	19	16	15.07	22	23.90
SrvyYr	1857	cherry	1	5	5	5	0.68	5	0.06
		cottonwood	2	3to4	3.5	3.5	1.37	3.5	0.05
		Douglas-fir	76	3to60	17.2	14	52.05	20.5	71.70
		hemlock	5	3to10	6.4	6	3.42	6.8	0.52
		bl maple	4	3to8	4.5	3.5	2.74	4.9	0.22
		madrone	10	3to6	4	4	6.85	4.1	0.38
		willow	6	3to8	4.8	4.5	4.11	5.1	0.35
		yew	1	14	14	14	0.68	14	0.44
Twp-Range 21-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	167	red alder	17	3to15	7.4	6	10.18	8.4	2.44
all avDiam	13.8	ash?	2	6	6	6	1.20	6	0.15
all QMD	17.2	redcedar	33	4to40	18.2	16	19.76	20.9	29.31
SrvyYr	1857	cherry	1	7	7	7	0.60	7	0.10
		dogwood	1	7	7	7	0.60	7	0.10
		Douglas-fir	93	3to60	15	12	55.69	18.4	64.02
		hemlock	11	3to16	8.4	12	6.59	9.4	1.98
		madrone	5	3to28	9.8	4	2.99	13.6	1.88
		willow	4	2to6	3.5	3	2.40	3.8	0.12
Twp-Range 21-3e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	73	red alder	8	3to12	7.3	7.5	10.96	7.9	1.27
all avDiam	19.1	aspen	2	4to5	4.5	4.5	2.74	4.5	0.10
all QMD	23.2	redcedar	10	4to24	18.2	20	13.70	19.6	9.77
SrvyYr	1873	Douglas-fir	43	3to57	24.2	24	58.90	27.9	85.10
		hemlock	2	8to10	9	9	2.74	9.1	0.42
		bl maple	1	4	4	4	1.37	4	0.04
		madrone	1	12	12	12	1.37	12	0.37
		spruce	5	8to20	13.6	15	6.85	14.6	2.71
		willow	1	4	4	4	1.37	4	0.04

Twp-Range 21-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	271	red alder	49	2to32	6.3	5	18.08	8.2	2.41
all avDiam	17.9	ash	7	3to18	9.1	8	2.58	10.5	0.56
all QMD	22.5	aspen	2	6to12	9	9	0.74	9.5	0.13
SrvyYr	1868	redcedar	48	4to48	19.9	15	17.71	22.6	17.92
		cottonwood	3	30to36	32	30	1.11	32.1	2.26
		Douglas-fir	131	3to60	23.2	20	48.34	27.4	71.91
		hemlock	15	3to30	12.2	10	5.54	13.8	2.09
		bl maple	2	24to40	32	32	0.74	33	1.59
		spruce	8	6to20	12.5	12.5	2.95	13.6	1.08
		vine maple	1	8	8	8	0.37	8	0.05
		willow	5	3to12	5.4	3	1.85	6.4	0.15
Twp-Range 21-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	244	red alder	49	3to22	9.3	8	20.08	10.6	5.09
all avDiam	16.5	ash	1	8	8	8	0.41	8	0.06
all QMD	21.1	redcedar	8	8to80	32.5	30	3.28	38.5	10.96
SrvyYr	1867	cherry	5	3to8	5.2	5	2.05	5.4	0.13
		cottonwood	16	10to36	24.1	24	6.56	25.6	9.69
		dogwood	3	3	3	3	1.23	3	0.02
		Douglas-fir	116	3to60	20	18	47.54	24.2	62.78
		hemlock	8	6to36	18	15	3.28	20.7	3.17
		bl maple	14	4to50	16.8	16.5	5.74	20.9	5.65
		spruce	3	18to30	26	30	1.23	26.6	1.96
		vine maple	11	3to7	4.5	4	4.51	4.7	0.22
		willow	9	3to6	4.2	4	3.69	4.3	0.15
		yew	1	8	8	8	0.41	8	0.06
Twp-Range 21-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	254	red alder	40	3to20	8.7	8	15.75	9.6	5.02
all avDiam	13.0	ash	2	14to15	14.5	14.5	0.79	14.5	0.57
all QMD	17.0	barberry	1	5	5	5	0.39	5	0.03
SrvyYr	1872	redcedar	13	3to40	23.8	24	5.12	25.9	11.87
		cherry	1	4	4	4	0.39	4	0.02
		cottonwood	3	3to30	14.3	10	1.18	18.3	1.37
		dogwood	1	3	3	3	0.39	3	0.01
		Douglas-fir	129	3to80	14.9	12	50.79	19.7	68.15
		hemlock	37	3to30	13.2	12	14.57	15.3	11.79
		bl maple	16	3to10	5.5	4.5	6.30	6	0.78
		vine maple	11	3to80	4.6	4	4.33	5	0.37
Twp-Range 21-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	287	red alder	25	5to24	10.8	10	8.71	11.8	5.52
all avDiam	11.6	redcedar	4	8to36	17.3	12.5	1.39	20.5	2.67
all QMD	14.8	cherry	8	3to7	5.4	5.5	2.79	5.5	0.38
SrvyYr	1881	cottonwood	1	12	12	12	0.35	12	0.23
		Douglas-fir	187	3to60	11.4	9	65.16	15	66.72
		grand fir	2	10to12	11	11	0.70	11	0.38
		hemlock	39	4to48	14.7	10	13.59	17.7	19.38
		bl maple	5	3to12	7	5	1.74	7.8	0.48
		pine	1	5	5	5	0.35	5	0.04
		spruce	4	20to24	23	24	1.39	23.1	3.38
		vine maple	8	4to10	6	5.5	2.79	6.4	0.52
		willow	3	3to7	5.3	6	1.05	5.6	0.15
Twp-Range 21-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	151	red alder	9	4to20	8.3	6	5.96	9.6	1.01
all avDiam	19.5	redcedar	28	9to40	22.6	21.5	18.54	24	19.61
all QMD	23.3	cherry	1	6	6	6	0.66	6	0.04
SrvyYr	1856	dogwood	1	8	8	8	0.66	8	0.08
		Douglas-fir	93	4to70	22.7	20	61.59	26.3	78.23
		hemlock	6	5to20	9	8	3.97	10.3	0.77
		madrone	7	3to6	3.6	3	4.64	3.7	0.12
		sweetwood	1	3	3	3	0.66	3	0.01
		thorn	3	4to12	8.7	4	1.99	9.3	0.32
		willow	1	3	3	3	0.66	3	0.01
		yew	1	10	10	10	0.66	10	0.12
Twp-Range 21-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	rel QMD	rel DOM%
# allWTs	262	red alder	13	4to20	6.2	4	4.96	7.5	0.68
all avDiam	16.6	redcedar	28	4to50	19.3	18	10.69	21.8	12.39
all QMD	20.2	Douglas-fir	180	4to80	18.8	14	68.70	22.3	83.37
SrvyYr	1858	hemlock	16	4to20	10.8	10	6.11	11.8	2.07
		bl maple	3	5to16	9.7	8			

Twp-Range 21-3w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	281	red alder	12	4to14	7.9	7	4.27	8.8	1.48
all avDiam	13.1	ash	1	10	10	10	0.36	10	0.16
all QMD	14.9	redcedar	6	6to25	13.7	14	2.14	15	2.15
SrvyYr	1857	crabapple	3	5to20	10	5	1.07	12.2	0.71
		dogwood	1	6	6	6	0.36	6	0.06
		Douglas-fir	195	4to40	15	14	69.40	16.6	85.62
		hemlock	25	6to25	12	10	8.90	13	6.73
		madrone	4	4to6	4.8	4.5	1.42	4.8	0.15
		pine	32	4to14	6.6	6	11.39	7.2	2.64
		willow	2	5to5	5.5	5.5	0.71	5.5	0.10
Twp-Range 21-4w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	267	red alder	26	4to20	11.7	12	9.74	12.9	3.35
all avDiam	18.0	ocean spray	1	4	4	4	0.37	4	0.01
all QMD	22.0	barberry	1	4	4	4	0.37	4	0.01
SrvyYr	1861	redcedar	10	10to80	27.2	21	3.75	33.7	8.80
		crabapple	2	5to16	10.5	10.5	0.75	11.9	0.22
		cottonwood	3	6to30	16	12	1.12	19	0.84
		dogwood	1	6	6	6	0.37	6	0.03
		Douglas-fir	143	6to60	23.9	20	53.56	26.7	78.98
		hemlock	9	5to20	9.3	6	3.37	10.5	0.77
		hazel	1	4	4	4	0.37	4	0.01
		bl maple	9	4to36	18.4	18	3.37	21.4	3.19
		pine	39	4to20	9.2	8	14.61	9.8	2.90
		vine maple	18	4to7	5.3	5	6.74	5.3	0.39
		willow	4	4to20	8.8	5.5	1.50	10.9	0.37
Twp-Range 21-5w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	278	red alder	8	5to24	12.8	12	2.88	14.1	1.47
all avDiam	16.2	redcedar	14	4to80	25.1	19	5.04	31.4	12.76
all QMD	19.7	casacara	1	6	6	6	0.36	6	0.03
SrvyYr	1875	crabapple	2	5to8	6.5	6.5	0.72	6.7	0.08
		dogwood	2	5to7	6	6	0.72	6.1	6.88
		Douglas-fir	132	3to50	21	20	47.48	24.1	70.86
		hemlock	69	4to35	11.5	10	24.82	12.9	10.61
		hazel	2	3	3	3	0.72	3	0.02
		bl maple	10	3to36	14	13	3.60	17.4	2.80
		pine	10	5to20	9.3	8	3.60	10.2	0.96
		vine maple	28	2to7	4.1	4	10.07	4.2	0.46
Twp-Range 20-1e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	99	red alder	10	4to14	9.2	10	10.10	9.6	2.98
all avDiam	15.3	redcedar	16	6to40	17	13	16.16	19.6	19.90
all QMD	17.7	Douglas-fir	70	4to40	16.1	14	70.71	18.3	75.88
SrvyYr	1853	madrone	2	10	10	10	2.02	10	0.65
		willow	1	8	8	8	1.01	8	0.21
Twp-Range 20-2e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	194	red alder	7	4to12	8.1	8	3.61	8.6	0.48
all avDiam	20.2	redcedar	13	5to40	19.5	20	6.70	21.7	5.71
all QMD	23.5	Douglas-fir	128	3to50	22.9	24	65.98	25.7	78.83
SrvyYr	1868	hemlock	1	12	12	12	0.52	12	0.13
		bl maple	1	4	4	4	0.52	4	0.01
		oak	40	3to40	16.3	15	20.62	19.7	14.48
		willow	4	3to10	5.5	4.5	2.06	6.2	0.14
Twp-Range 20-3e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	255	red alder	17	4to20	9.5	10	6.67	10.4	1.18
all avDiam	21.2	ash	9	10to24	15.2	12	3.53	15.9	1.47
all QMD	24.7	barberry	1	5	5	5	0.39	5	0.02
SrvyYr	1866 & 73	redcedar	16	4to50	20.5	18	6.27	23.4	5.65
		crabapple	4	4to7	5.3	5	1.57	5.4	0.08
		cottonwood	8	3to70	19.8	9	3.14	29.7	4.55
		Douglas-fir	170	4to80	24.1	24	66.67	26.8	78.68
		hemlock	4	6to18	12.8	13.5	1.37	13.5	0.47
		hazel	2	3to15	9	9	0.78	10.8	0.15
		bl maple	1	4	4	4	0.39	4	0.01
		oak	12	12to36	23.8	24	4.71	24.7	4.72
		spruce	2	10to18	14	14	0.78	14.6	0.27
		vine maple	1	3	3	3	0.39	3	0.01
		willow	7	3to60	14.4	4	2.75	24	2.60
		yew	1	7	7	7	0.39	7	0.03

Twp-Range 20-4e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	284	red alder	51	3to30	10.3	6	17.96	12.3	6.98
all avDiam	14.9	ash	12	8to24	16.3	16.5	4.23	17.2	3.21
all QMD	19.7	barberry	1	5	5	5	0.35	5	0.02
SrvyYr	1864 & 73	redcedar	38	3to108	20.9	18	13.38	27.9	26.77
		crabapple	12	3to24	8.1	4	4.23	10.4	1.17
		cottonwood	17	4to42	19.7	14	5.99	24	8.86
		dogwood	1	6	6	6	0.35	6	0.03
		Douglas-fir	72	3to54	21.8	20	25.35	25.6	42.71
		hemlock	11	6to46	13.9	12	3.87	17.7	3.12
		hazel	3	3to7	4.3	3	1.06	4.7	0.06
		bl maple	31	3to18	7.4	7	10.92	8	1.80
		spruce	4	18to36	28.5	30	1.41	29.5	3.15
		vine maple	3	4to7	7	7	1.06	7.4	0.15
		willow	28	2to24	6.4	3	9.86	8.6	1.87
Twp-Range 20-5e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	258	red alder	41	3to30	10.4	8	15.89	12.5	5.01
all avDiam	16.8	ash	10	7to24	10.7	10	3.88	12	1.13
all QMD	22.3	barberry	1	5	5	5	0.39	5	0.02
SrvyYr	1872	redcedar	38	5to66	25.7	22	14.73	29	25.01
		cherry	6	4to12	6.7	6	2.33	7.2	0.24
		crabapple	4	5to12	8.3	7.5	1.55	8.4	0.22
		cottonwood	12	6to36	15.2	12.5	4.65	18	3.04
		dogwood	2	4to5	4.5	4.5	0.78	4.5	0.03
		Douglas-fir	109	4to96	20.8	16	42.25	27.1	62.65
		hemlock	8	4to20	10.5	10	3.10	11.5	0.83
		bl maple	9	4to30	10.4	5	3.49	13.7	1.32
		vine maple	1	7	7	7	0.39	7	0.04
		willow	17	2to15	5.8	5	6.59	6.7	0.60
Twp-Range 20-6e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	296	red alder	71	3to22	7.8	7	23.99	8.7	6.58
all avDiam	11.0	ash	5	4to24	11.6	6	1.69	14.4	1.27
all QMD	16.6	aspen	3	4to6	5.3	6	1.01	5.4	0.11
SrvyYr	1882	barberry	1	6	6	6	0.34	6	0.04
		redcedar	23	10to66	27.5	24	7.77	32.4	29.58
		cherry	17	4to10	5.7	5	5.74	5.9	0.72
		cottonwood	23	3to18	8	8	7.77	8.9	2.23
		dogwood	1	8	8	8	0.34	8	0.08
		Douglas-fir	110	3to96	12.2	7	37.16	20.1	54.44
		hemlock	6	3to18	10.7	9.5	2.03	11.1	0.91
		bl maple	12	5to24	10.2	8	4.05	11.6	1.98
		spruce	3	7to8	7.7	8	1.01	7.7	0.22
		willow	21	3to8	5.6	6	7.09	5.7	0.84
Twp-Range 20-7e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	291	red alder	16	3to20	6.8	5.5	5.50	7.8	1.36
all avDiam	12.7	redcedar	22	5to48	14.6	11	7.56	15.6	7.50
all QMD	15.7	cherry	3	3to5	4	4	1.03	4.1	0.07
SrvyYr	1881	Douglas-fir	59	4to36	15.4	10	20.27	18.8	29.20
		hemlock	168	3to48	12.8	10	57.73	15.2	54.35
		bl maple	7	4to12	7.4	6	2.41	8.1	0.64
		spruce	5	4to36	19.2	18	1.72	22.2	3.45
		vine maple	3	3to6	5	6	1.03	5.2	0.11
		willow	8	3to6	4.6	4	2.75	4.8	0.26
Twp-Range 20-1w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	160	red alder	3	8to12	10	10	1.88	10.1	0.71
all avDiam	14.1	(none)					0.00		0.00
all QMD	16.4	redcedar	17	6to36	15.3	18	10.63	17.1	11.54
SrvyYr	1853	cherry	1	6	6	6	0.63	6	0.08
		dogwood	1	8	8	8	0.63	8	0.15
		Douglas-fir	120	2to40	14.5	12	75.00	16.9	79.55
		hemlock	10	3to20	10.7	9	6.25	12.2	3.45
		bl maple	4	6to24	12	9	2.50	13.9	1.79
		madrone	3	10to16	16	16	1.88	14.3	1.42
		yew	1	20	20	20	0.63	20	0.93
Twp-Range 20-2w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	211	red alder	5	6to12	9.6	10	2.37	9.8	0.69
all avDiam	15.4	ash	1	24	24	2			

Twp-Range		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
20-3w		red alder	15	4to22	10.9	10	5.91	12.2	2.80
# allWTs	254	ash	2	16	16		0.79	16.5	0.68
all avDiam	15.4	barberry	1	5	5		0.39	5	0.03
all QMD	17.7	redcedar	43	5to35	16.3	14	16.93	18.1	17.66
SrvyYr	1855	dogwood	2	6	6		0.79	6	0.09
		Douglas-fir	126	5to48	17.9	15	49.61	20.1	63.82
		hemlock	42	3to50	11.7	10	16.54	14	10.32
		bl maple	5	4to22	13.6	14	1.97	15	1.41
		madrone	3	8to30	16	10	1.18	18.8	1.33
		oak	1	10	10		0.39	10	0.13
		pine	14	4to15	8.7	8	5.51	9.6	1.62
Twp-Range 20-4w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	280	red alder	20	4to24	11	12	7.14	11.9	1.90
all avDiam	18.1	barberry	2	4to5	4.5	4.5	0.71	4.5	0.03
all QMD	23.1	redcedar	33	5to60	23.9	20	11.79	28.8	18.39
SrvyYr	1861 & 72	crabapple	3	6to18	11	9	1.07	12.1	0.30
		dogwood	2	6to12	9	9	0.71	9.5	0.12
		Douglas-fir	120	4to65	25.7	24	42.86	29.6	70.66
		hemlock	53	3to36	10.7	10	18.93	12.8	5.84
		hazel	2	4to5	4.5	4.5	0.71	4.5	0.03
		bl maple	8	4to36	11.5	8	2.86	15	1.21
		oak	2	14to20	17	17	0.71	17.3	0.40
		pine	13	4to12	8.2	8	4.64	8.5	0.63
		pigeonwood	1	4	4		0.36	4	0.01
		casoara	2	5	5		0.71	5	0.03
		vine maple	17	4to65	4.7	5	6.07	4.8	0.26
		willow	2	5to60	5.5	5.5	0.71	5.5	0.04
Twp-Range 20-5w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	262	red alder	8	3to14	8.8	10	2.84	9.4	0.52
all avDiam	17.7	redcedar	51	4to50	21.6	20	18.09	24.8	23.16
all QMD	21.9	cherry	1	14	14		0.35	14	0.14
SrvyYr	1875	casoara	7	4to8	6	6	2.48	6.2	0.20
		crabapple	1	4	4		0.35	4	0.01
		dogwood	1	4	4		0.35	4	0.01
		Douglas-fir	80	3to60	26.5	27	28.37	29.9	52.80
		hemlock	113	3to84	13	10	40.07	16.1	21.63
		bl maple	2	4to8	6	6	0.71	6.3	0.06
		pine	6	4to18	12.3	12	2.13	13.2	0.77
		spruce	2	10to16	13	13	0.71	14.6	0.31
		vine maple	7	3to8	5	5	2.48	5.3	0.15
		willow	3	5to10	7.7	8	1.06	7.9	0.14
Twp-Range 20-6w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	290	red alder	10	4to18	10.4	11	3.45	11.2	0.78
all avDiam	18.4	redcedar	13	10to36	18.5	10	4.48	19.9	3.19
all QMD	23.6	casoara	10	3to10	5.5	5	3.45	5.9	0.22
SrvyYr	1875	crabapple	1	10	10		0.34	10	0.06
		dogwood	4	4to8	5.8	5.5	1.38	5.9	0.09
		Douglas-fir	122	3to96	27	24	42.07	32.2	78.44
		grand fir	3	6to18	11.3	10	1.03	12.4	0.29
		hemlock	84	3to40	11.5	12	28.97	16.8	14.70
		hazel	1	3	3		0.34	3	0.01
		bl maple	8	4to18	7.8	6.6	2.76	8.9	0.39
		pigeonwood	1	7	7		0.34	7	0.03
		spruce	5	12to30	21.4	24	1.72	22.4	1.56
		vine maple	28	3to8	5	5	9.66	5.2	0.47
Twp-Range 19-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	126	red alder	2	18to24	21	21	1.59	21.2	2.28
all avDiam	15.4	ash	3	10to30	18	14	2.38	20	3.04
all QMD	17.7	barberry	1	8	8		0.79	8	0.16
SrvyYr	1853	redcedar	9	12to30	19.6	20	7.14	20.9	9.96
		crabapple	1	10	10		0.79	10	0.25
		dogwood	1	8	8		0.79	8	0.16
		Douglas-fir	78	3to40	15.6	12	61.90	18	64.01
		hemlock	4	4to16	10.5	11	3.17	11.4	1.32
		madrone	5	6to20	11.2	10	3.97	12.1	1.85
		oak	16	3to30	17.2	18	12.70	19.5	15.41
		pine	3	8to12	10	10	2.38	10.2	0.79
		thorn	1	12	12		0.79	12	0.36
		willow	2	6to10	8	8	1.59	8.2	0.34
Twp-Range 19-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	188	cottonwood	2	6to10	8	8	1.06	8.2	0.13
all avDiam	21.2	Douglas-fir	96	6to60	20.3	18	51.06	23	47.61
all QMD	23.8	hemlock	1	22	22		0.53	22	0.45
SrvyYr	1870	oak	87	4to48	22.5	20	46.28	24.9	50.57
		pine	1	36	36		0.53	36	1.22
		willow	1	7	7		0.53	7	0.05

Twp-Range 19-3e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	190	red alder	3	5to6	5.7	6	1.58	5.7	0.11
all avDiam	18.7	ash	3	10to20	16	18	1.58	16.6	0.97
all QMD	21.2	redcedar	24	6to38	18.5	14.5	12.63	20.9	12.33
SrvyYr	1872	cottonwood	2	7to24	15.5	15.5	1.05	17.7	0.74
		Douglas-fir	121	3to48	20.2	20	63.68	22.5	72.05
		hemlock	1	16	16		0.53	16	0.30
		bl maple	1	6	6		0.53	6	0.04
		oak	31	3to36	16.8	16	16.32	19.3	13.58
		vine maple	2	3	3		3	1.05	3
		willow	2	3to10	6.5	6.5	1.05	7.4	0.13
Twp-Range 19-4e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	267	red alder	10	3to30	10.8	9	3.75	13.4	1.34
all avDiam	19.0	ash	4	4to20	12	12	1.50	13.9	0.58
all QMD	22.4	redcedar	40	2to60	20.2	16	14.98	23	15.77
SrvyYr	1872	cherry	1	11	11		1.1	0.09	11
		crabapple	1	7	7		0.37	7	0.04
		cottonwood	2	10to12	11	11	0.75	11	0.18
		Douglas-fir	184	3to60	20.8	16	68.91	24.1	79.63
		hemlock	16	6to22	10.3	9.5	5.99	11.2	1.50
		bl maple	4	6to18	12.3	12.5	1.50	13	0.50
		vine maple	3	5to6	5.7	6	1.12	5.7	0.07
		willow	2	4to6	5	5	0.75	5.1	0.04
Twp-Range 19-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	262	red alder	14	5to36	13.6	10	5.32	16.8	3.46
all avDiam	17.4	ash	6	3to14	7.3	6	2.28	8.2	0.35
all QMD	20.8	aspen	2	4to5	4.5	4.5	0.76	4.5	0.04
SrvyYr	1873	barberry	5	3to12	6.6	5	1.90	7.3	0.23
		redcedar	42	4to48	18.5	18	15.97	20.7	15.77
		cherry	2	5to8	6.5	6.5	0.76	6.7	0.08
		cottonwood	5	6to60	19.6	12	1.90	28.2	3.49
		dogwood	2	3to4	3.5	3.5	0.76	3.5	0.02
		Douglas-fir	135	3to50	20.8	20	51.33	24	68.15
		hemlock	28	4to31	13.1	12	10.65	14.7	5.30
		bl maple	10	4to24	16	16.5	3.80	17.3	2.62
		vine maple	8	4to8	5.3	5	3.04	5.4	0.20
		willow	3	4to8	6.7	8	1.14	6.9	0.13
Twp-Range 19-6e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	266	red alder	15	4to18	9.4	9	5.64	9.9	2.00
all avDiam	12.3	ash	2	10to12	11	11	0.75	11	0.33
all QMD	16.6	redcedar	62	4to66	18.2	11.5	23.31	23.9	48.26
SrvyYr	1873	cherry	3	6to10	7.7	7	1.13	7.9	0.26
		crabapple	2	4to12	8	8	0.75	8.9	0.22
		cottonwood	2	3to4	3.5	3.5	0.75	3.5	0.03
		dogwood	3	4to5	4	4	1.13	4.1	0.07
		Douglas-fir	29	3to40	15.1	12	10.90	18.1	12.95
		grand fir	1	24	24		24	0.38	24
		hemlock	109	3to48	9.5	8	40.98	11.8	20.68
		bl maple	12	3to18	7.6	5.5	4.51	8.9	1.30
		spruce	10	9to45	27.2	30	3.76	30.3	12.51
		vine maple	15	3to6	4.1	4	5.64	4.2	0.36
		willow	1	3	3		0.38	3	0.01
Twp-Range 19-7e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	273	red alder	3	8to10	9.3	10	1.10	9.4	0.22
all avDiam	17.9	redcedar	29	6to50	27.6	26	10.62	30.6	23.00
all QMD	20.8	cherry	2	6	6		0.73	6	0.06
SrvyYr	1891	Douglas-fir	10	6to54	26.6	23	3.66	31.1	8.19
		grand fir	12	6to24	11.7	10	4.40	12.9	1.69
		hemlock	207						

Twp-Range		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
19-2w									
# allWts	165	red alder	10	4to25	10.6	10	6.06	11.9	2.64
all avDiam	15.7	ash	2	8to12	10	10	1.21	10.2	0.39
all QMD	18.0	redoedar	55	6to40	17.4	14	33.33	20.4	42.72
SrvyYr	1853	cherry	1	10	10	10	0.61	10	0.19
		Douglas-fir	78	4to36	16.1	12	47.27	18	47.17
		hemlock	9	6to24	10.9	10	5.45	12.1	2.46
		bl maple	8	6to24	15.8	17	4.85	16.6	4.11
		madrone	2	8	8	8	1.21	8	0.24
19-3w									
# allWts	239	red alder	17	2to24	9.6	8	7.11	11.3	2.51
all avDiam	16.2	ash	6	4to22	11.2	190	2.51	12.8	1.13
all QMD	19.0	redoedar	34	4to44	17.8	15	14.23	20.1	15.85
SrvyYr	1855	dogwood	1	10	10	10	0.42	10	0.12
		Douglas-fir	117	5to85	19.5	18	48.95	22.4	67.75
		grand fir	1	25	25	25	0.42	25	0.72
		hemlock	46	4to25	10	8	19.25	10.9	6.31
		bl maple	14	4to30	16.1	16	5.86	18	5.23
		madrone	1	12	12	12	0.42	12	0.17
		oak	1	18	18	18	0.42	18	0.37
		willow	1	4	4	4	0.42	4	0.02
19-4w									
# allWts	286	red alder	29	4to24	12.2	12	10.14	13.4	2.73
all avDiam	19.9	ash	5	6to24	13.6	12	1.75	14.9	0.58
all QMD	25.8	barberry	6	4to6	4.5	4	2.10	4.6	0.07
SrvyYr	1864	redoedar	54	5to70	25	20	18.88	29.6	24.78
		cherry	1	5	5	5	0.35	5	0.01
		crabapple	1	12	12	12	0.35	12	0.08
		dogwood	11	4to12	7.9	7	3.85	8.5	0.42
		Douglas-fir	91	4to80	29.2	24	31.82	35.5	60.06
		hemlock	54	4to40	13.8	12	18.88	16.1	7.33
		bl maple	22	4to36	15.2	13	7.69	18.1	3.77
		pigeonwood	1	5	5	5	0.35	5	0.01
		willow	11	4to6	4.5	4	3.85	4.6	0.12
19-5w									
# allWts	265	red alder	5	4to18	10	10	1.89	11.3	0.41
all avDiam	19.5	barberry	1	8	8	8	0.38	8	0.04
all QMD	24.3	redoedar	34	3to80	36.7	36	12.83	40.8	36.19
SrvyYr	1874	cherry	3	6to18	12.7	14	1.13	13.6	0.35
		Douglas-fir	45	8to60	28.3	24	16.98	31.7	28.92
		hemlock	143	3to50	15.7	12	53.96	18.4	30.96
		bl maple	8	12to30	290	20	3.02	20.8	2.21
		spruce	3	6to12	9.3	10	1.13	9.7	0.18
		casoara	1	12	12	12	0.38	12	0.09
		vine maple	20	3to80	4.8	4	7.55	5.1	0.33
		willow	2	8	8	8	0.75	8	0.08
19-6w									
# allWts	288	red alder	7	7to20	13.9	16	2.43	14.7	0.91
all avDiam	18.4	redoedar	18	5to96	27.6	24	6.25	34.3	12.80
all QMD	24.0	cherry	1	3	3	3	0.35	3	0.01
SrvyYr	1875	crabapple	3	3to12	6.7	5	1.04	8.8	0.14
		dogwood	1	8	8	8	0.35	8	0.04
		Douglas-fir	83	3to96	29.6	30	28.82	34.1	58.33
		grand fir	2	12to18	15	15	0.69	15.3	0.28
		hemlock	111	2to48	16.4	16	38.54	19.1	24.47
		hazel	1	3	3	3	0.35	3	0.01
		bl maple	6	3to48	20.5	19	2.08	25.7	2.40
		pine	5	3to8	5.6	6	1.74	5.9	0.11
		serviceberry	1	3	3	3	0.35	3	0.01
		casoara	2	5to6	5.6	6	0.69	5.9	0.04
		vine maple	45	3to8	4.2	4	15.63	4.4	0.53
		willow	1	3	3	3	0.35	3	0.01
		yew	1	12	12	12	0.35	12	0.09
18-1e									
# allWts	153	red alder	6	6to12	8	7	3.92	8.3	0.70
all avDiam	15.5	ash	4	6to14	10	10	2.61	10.5	0.75
all QMD	19.6	redoedar	4	5to36	18.3	16	2.61	21.6	3.16
SrvyYr	1873	crabapple	6	6to30	12	8	3.92	14.6	2.17
		dogwood	2	7to10	8.5	8.5	1.31	8.6	0.25
		Douglas-fir	90	4to96	17.8	14.5	58.82	22.5	77.22
		bl maple	20	3to24	18.6	12	13.07	12.1	4.96
		oak	15	4to36	18.5	20	9.80	20.6	10.79
		casoara	1	6	6	6	0.65	6	0.06
		thorn	2	6	6	6	1.31	6	0.12
		vine maple	3	4to6	5.3	6	1.96	5.4	0.15

Twp-Range		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
18-2e									
# allWts	133	red alder	1	8	8	8	0.75	8	0.08
all avDiam	21.4	ash	7	7to66	25	20	5.26	30.9	8.38
all QMD	24.5	aspen	1	5	5	5	0.75	5	0.03
SrvyYr	1871	barberry	1	5	5	5	0.75	5	0.03
		redoedar	2	12to18	15	15	1.50	15.3	0.59
		dogwood	1	16	16	16	0.75	16	0.32
		Douglas-fir	62	4to72	18.9	14.5	46.62	22	37.61
		oak	38	4to48	23.6	24	28.57	25.5	30.97
		pine	17	9to54	29.8	30	12.78	31.8	21.55
		willow	3	8to10	9.3	10	2.26	9.4	0.33
18-3e									
# allWts	126	red alder	3	8to20	15.3	18	2.38	16.2	1.04
all avDiam	22.0	ash	4	6to22	14	14	3.17	15.4	1.25
all QMD	24.5	redoedar	7	9to34	23	28	5.56	24.8	5.68
SrvyYr	1871	crabapple	1	7	7	7	0.79	7	0.06
		Douglas-fir	82	3to75	22.9	20	65.08	25.7	71.42
		hemlock	3	10to26	18	18	2.38	19.1	1.44
		oak	19	12to48	23.7	24	15.08	25.4	16.16
		pine	4	18to24	21	21	3.17	21.1	2.35
		willow	3	7to14	11	12	2.38	11.4	0.51
18-4e									
# allWts	263	red alder	5	8to8	6.2	6	1.90	6.3	0.13
all avDiam	21.0	ash	1	8	8	8	0.38	8	0.04
all QMD	24.5	redoedar	56	6to60	21.7	16	21.29	25.9	23.80
SrvyYr	1873	cherry	7	6to48	19.1	16	2.66	22.9	2.33
		Douglas-fir	166	6to60	22.6	20	63.12	25.7	69.47
		hemlock	20	4to24	15.2	17	7.60	16.5	3.45
		bl maple	4	6to24	15	15	1.52	16.4	0.68
		willow	4	3to5	4	4	1.52	4.1	0.04
18-5e									
# allWts	287	red alder	11	8to18	12.7	12	3.83	13	1.07
all avDiam	20.2	ash	2	12	12	12	0.70	12	0.17
all QMD	24.6	redoedar	62	3to48	18.9	16	21.60	21.6	16.63
SrvyYr	1874	cherry	4	5to10	6.5	5.5	1.39	6.8	0.11
		cottonwood	7	6to18	12	12	2.44	12.8	0.66
		Douglas-fir	105	4to60	28.6	24	36.59	33.2	66.52
		hemlock	81	5to48	14.7	12	28.22	16.8	13.14
		bl maple	10	5to20	11.5	12	3.48	12.2	0.86
		spruce	1	36	36	36	0.35	36	0.74
		vine maple	1	6	6	6	0.35	6	0.02
		willow	3	5to8	6.3	6	1.05	6.5	0.07
18-6e									
# allWts	289	red alder	3	4to10	7.3	7	1.04	7.7	0.20
all avDiam	13.8	redoedar	25	2to72	18.6	12	8.65	25.1	17.80
all QMD	17.5	Douglas-fir	8	6to36	19.8	19	2.77	21.2	4.06
SrvyYr	1875	grand fir	18	4to50	13.4	5.5	6.23	18.6	7.04
		hemlock	229	4to50	13.2	10	79.24	16.4	69.60
		bl maple	1	5	5	5	0.35	5	0.03
		spruce	2	20to24	22	22	0.69	22.1	1.10
		yew	3	4to20	12	12	1.04	12.1	0.50
18-1w									
# allWts	230	red alder	3	8to12	10	10	1.30	10.1	0.31
all avDiam	17.7	ash	10	6to30	14	10	4.35	16.2	2.63
all QMD	20.8	redoedar	58	4to60	19.2	16	25.22	23	30.75
SrvyYr	1853	crabapple	1	4	4	4	0.43	4	0.02
		Douglas-fir	121	4to60	17.1	12	52.61	20	48.51
		hemlock	5	12to24	18.8	20	2.17	19.5	1.91
		bl maple	3	8to20	12.7	10	1.30	13.7	0.56
		oak	18	6to40	25.9	24	7.83	27.5	13.64
		pine	8	6to20	11.3	9	3.4		

Twp-Range 18-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	276	red alder	8	4to16	9.1	7.5	2.90	10	0.71
all avDiam	16.6	ash	1	3	3	3	0.36	3	0.01
all QMD	20.2	redcedar	57	6to70	20.5	16	20.65	25.3	32.39
SrvyYr	1855	Douglas-fir	132	3to60	18.7	16	47.83	21.5	54.17
	&75	grand fir	1	30	30	30	0.36	30	0.80
		hemlock	60	3to40	11.6	10	21.74	13.8	10.14
		bl maple	15	3to20	8.7	7	5.43	10.1	1.36
		oak	1	18	18	18	0.36	18	0.29
		vine maple	1	3	3	3	0.36	3	0.01
Twp-Range 18-4w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	288	red alder	4	6to18	13.5	15	1.39	14.2	0.71
all avDiam	15.5	redcedar	26	6to60	24.8	19	9.03	29.5	19.98
all QMD	19.8	Douglas-fir	47	6to84	23.9	18	16.32	28.7	34.19
SrvyYr	1872	hemlock	165	4to40	13.6	10	57.29	16	37.31
		bl maple	12	5to20	13.9	14	4.17	14.6	2.26
		spruce	1	72	72	72	0.35	72	4.58
		cascara	2	5to8	6.5	6.5	0.69	6.7	0.08
		vine maple	31	4to8	4.7	4	10.76	4.8	0.63
Twp-Range 17-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	148	red alder	2	12to20	16	16	1.35	16.5	1.30
all avDiam	14.4	ash	3	3to12	9	12	2.03	9.9	0.70
all QMD	16.8	redcedar	25	8to40	15.7	12	16.89	18.2	19.84
SrvyYr	1853	crabapple	3	4to6	5.3	6	2.03	5.4	0.21
		Douglas-fir	89	5to48	14.1	12	60.14	16.2	55.97
		hemlock	5	4to18	10	10	3.38	11.1	1.48
		bl maple	2	10to18	14	14	1.35	14.6	1.02
		oak	15	6to36	17.9	14	10.14	20.2	14.67
		spruce	1	40	40	40	0.68	40	3.83
		thorn	1	15	15	15	0.68	15	0.54
		vine maple	1	4	4	4	0.68	4	0.04
		willow	1	4	4	4	0.68	4	0.04
Twp-Range 17-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	248	red alder	32	3to20	9.1	8	12.90	9.8	2.83
all avDiam	16.9	ash	9	8to14	10.9	12	3.63	11.1	1.02
all QMD	20.9	redcedar	57	4to50	23.1	18	22.98	27	38.21
SrvyYr	1855	dogwood	1	6	6	6	0.40	6	0.03
		Douglas-fir	110	3to60	19.4	16	44.35	23	53.50
		hemlock	11	5to30	12.6	8	4.44	15.9	2.56
		bl maple	3	8to14	11.3	12	1.21	11.6	0.37
		pine	13	4to12	7.7	8	5.24	8	0.76
		spruce	1	8	8	8	0.40	8	0.06
		thorn	2	2to10	6	6	0.81	7.2	0.10
		vine maple	1	6	6	6	0.40	6	0.03
		willow	8	4to20	6.8	5	3.23	8.4	0.52
Twp-Range 17-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	259	red alder	28	5to30	12.4	10.5	10.81	14.1	4.38
all avDiam	17.9	ash	1	6	6	6	0.39	6	0.03
all QMD	22.2	redcedar	41	4to44	18.8	16	15.83	21.1	14.35
SrvyYr	1855	dogwood	11	5to15	9.5	9	4.25	10	0.86
		Douglas-fir	104	3to84	23	17.5	40.15	28.3	65.47
		hemlock	54	5to36	14.1	11.5	20.85	15.9	10.73
		bl maple	3	15to34	26	27	1.16	26.5	1.66
		pine	4	6to40	23.3	20	1.54	24.9	1.95
		spruce	1	8	8	8	0.39	8	0.05
		vine maple	9	4to6	4.7	5	3.47	4.7	0.16
		willow	1	5	5	5	0.39	5	0.02
		yew	2	10to14	12	12	0.77	12.2	0.23
Twp-Range 16-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	217	red alder	7	7to20	12.1	12	3.23	12.9	0.80
all avDiam	23.1	ash	8	10to20	15.1	15.5	3.69	15.5	1.32
all QMD	25.9	redcedar	47	7to48	21.9	20	21.66	24.8	19.85
SrvyYr	1855	Douglas-fir	120	8to68	26.8	24	55.30	29.2	70.24
		grand fir	2	14to36	25	25	0.92	27.3	1.02
		hemlock	17	6to34	16.2	15	7.85	17.7	3.66
		bl maple	10	6to24	13.1	12	4.61	14.2	1.38
		oak	4	10to30	22	24	1.84	23.6	1.53
		pine	1	10	10	10	0.46	10	0.07
		willow	1	4	4	4	0.46	4	0.01
Twp-Range 16-2e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	277	red alder	20	5to12	7.5	7.5	7.22	7.7	1.68
all avDiam	13.3	ash	10	5to14	7.4	5	3.61	8.1	0.93
all QMD	15.9	redcedar	33	4to48	15.9	18	11.91	18.4	15.86
SrvyYr	1873	cottonwood	2	10to12	11	11	0.72	11	0.34
		dogwood	6	3to10	5.8	5	2.17	6.3	0.34
		Douglas-fir	164	3to60	15.5	14	59.21	18	75.42
		hemlock	6	5to12	8	8	2.17	8.4	0.60
		bl maple	8	3to14	6.8	6	2.89	7.4	0.62
		madrone	3	8to24	14.7	12	1.08	16.2	1.12
		oak	6	3to28	12.3	7.5	2.17	15.9	2.15
		pine	10	4to15	7.9	7	3.61	8.6	1.05
		cascara	2	2to3	2.5	2.5	0.72	2.5	0.02
		vine maple	1	6	6	6	0.36	6	0.05
		willow	6	3to5	4.2	4	2.17	4.6	0.18

Twp-Range 17-5e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	280	red alder	4	4to18	9.8	8.5	1.43	11.1	0.17
all avDiam	27.2	redcedar	48	7to120	32.5	30	17.14	38.1	24.12
all QMD	32.1	Douglas-fir	70	5to70	37.2	36	25.00	40.9	40.54
SrvyYr	1890	grand fir	10	6to56	24.4	24	3.57	27.6	2.64
		hemlock	143	4to55	21.3	17	51.07	25	30.94
		bl maple	4	6to24	12.5	10	1.43	14.2	0.28
		spruce	1	60	60	60	0.36	60	1.25
Twp-Range 17-1w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	224	red alder	13	4to20	9.3	10	5.80	10.1	1.45
all avDiam	16.8	ash	3	6to24	13.3	10	1.34	15.4	0.78
all QMD	20.2	redcedar	43	5to72	20	16	19.20	24	27.03
SrvyYr	1853	Douglas-fir	128	3to72	17.1	14	57.14	20.3	57.55
		hemlock	6	6to30	11.7	8	2.68	14.3	1.34
		bl maple	13	4to24	11.3	8	5.80	13.1	2.43
		oak	15	10to40	21.5	18	6.70	23.8	9.27
		spruce	1	12	12	12	0.45	12	0.16
		vine maple	2	5	5	5	0.89	5	0.05
Twp-Range 17-2w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	248	red alder	32	3to20	9.1	8	12.90	9.8	2.83
all avDiam	16.9	ash	9	8to14	10.9	12	3.63	11.1	1.02
all QMD	20.9	redcedar	57	4to50	23.1	18	22.98	27	38.21
SrvyYr	1855	dogwood	1	6	6	6	0.40	6	0.03
		Douglas-fir	110	3to60	19.4	16	44.35	23	53.50
		hemlock	11	5to30	12.6	8	4.44	15.9	2.56
		bl maple	3	8to14	11.3	12	1.21	11.6	0.37
		pine	13	4to12	7.7	8	5.24	8	0.76
		spruce	1	8	8	8	0.40	8	0.06
		thorn	2	2to10	6	6	0.81	7.2	0.10
		vine maple	1	6	6	6	0.40	6	0.03
		willow	8	4to20	6.8	5	3.23	8.4	0.52
Twp-Range 17-3w		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	259	red alder	28	5to30	12.4	10.5	10.81	14.1	4.38
all avDiam	17.9	ash	1	6	6	6	0.39	6	0.03
all QMD	22.2	redcedar	41	4to44	18.8	16	15.83	21.1	14.35
SrvyYr	1855	dogwood	11	5to15	9.5	9	4.25	10	0.86
		Douglas-fir	104	3to84	23	17.5	40.15	28.3	65.47
		hemlock	54	5to36	14.1	11.5	20.85	15.9	10.73
		bl maple	3	15to34	26	27	1.16	26.5	1.66
		pine	4	6to40	23.3	20	1.54	24.9	1.95
		spruce	1	8	8	8	0.39	8	0.05
		vine maple	9	4to6	4.7	5	3.47	4.7	0.16
		willow	1	5	5	5	0.39	5	0.02
		yew	2	10to14	12	12	0.77	12.2	0.23
Twp-Range 16-1e		species	# WTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allWTs	217	red alder	7	7to20	12.1	12	3.23	12.9	0.80
all avDiam	23.1	ash	8	10to20	15.1	15.5	3.69	15.5	1.32
all QMD	25.9	redcedar	47	7to48	21.9	20	21.66	24.8	19.85
SrvyYr	1855	Douglas-fir	120	8to68	26.8	24	55.30	29.2	70.24
		grand fir	2	14to36	25	25</			

Twp-Range 16-3e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
ttl trees	277	red alder	16	4to16	8.1	8	5.78	8.6	1.55
av diam	13.8	ash	10	4to12	8.3	8	3.61	8.7	0.99
ttlQMD	16.6	redcedar	49	6to72	17.3	12	17.69	22	31.09
SrvyYr	1873	crabapple	2	5to8	6.6	6.6	0.72	6.7	0.12
		cottonwood	3	6to30	17.3	16	1.08	19.9	1.56
		dogwood	1	8	8	8	0.36	8	0.08
		Douglas-fir	170	3to48	14.5	12	61.37	16.6	61.41
		hemlock	8	8to18	10.9	10	2.89	11.3	1.34
		bl maple	15	4to20	8.1	7	5.42	8.9	1.56
		madrone	1	18	18	18	0.36	18	0.42
		willow	2	5	5	5	0.72	5	0.07
Twp-Range 16-4e		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	269	red alder	15	3to16	6.7	5	5.58	7.8	0.81
all avDiam	16.6	ash	1	15	15	15	0.37	15	0.20
all QMD	20.5	redcedar	67	3to40	17.1	12	24.91	19.5	22.58
SrvyYr	1893	cherry	1	4	4	4	0.37	4	0.01
		cottonwood	1	6	6	6	0.37	6	0.03
		dogwood	1	5	5	5	0.37	5	0.02
		Douglas-fir	122	4to60	21	15.5	45.35	25.2	68.66
		grand fir	1	30	30	30	0.37	30	0.80
		hemlock	38	5to26	10.6	9.5	14.13	12	4.85
		bl maple	13	5to24	10	10	4.83	11.2	1.45
		madrone	3	4to12	7.3	6	1.12	8.1	0.17
		vine maple	2	4to6	5	5	0.74	5.1	0.05
		willow	4	3to8	4.5	3.5	1.49	4.9	0.09
Twp-Range 16-1w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	267	red alder	13	6to18	10.2	10	4.87	10.7	1.22
all avDiam	18.8	ash	6	4to20	10.5	11	2.25	11.8	0.68
all QMD	21.4	redcedar	84	5to105	19.3	18	31.46	21	30.35
SrvyYr		cherry	1	7	7	7	0.37	7	0.04
		Douglas-fir	121	5to60	22.3	20	45.32	24.9	61.47
		hemlock	15	6to16	10.2	9	5.62	10.6	1.38
		bl maple	11	6to24	12.7	10	4.12	14	1.77
		oak	11	10to24	17.9	18	4.12	18.7	3.15
		vine maple	1	4	4	4	0.37	4	0.01
		willow	4	4to7	5.5	5.5	1.50	5.7	0.11
Twp-Range 16-2w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	220	red alder	30	4to24	10.3	10	13.64	11.1	3.54
all avDiam	18.0	ash	8	4to14	9.4	9.5	3.64	10.1	0.78
all QMD	21.8	redcedar	48	5to44	21.1	20	21.82	23.6	25.58
SrvyYr	1855	crabapple	1	5	5	5	0.45	5	0.02
		dogwood	2	6to9	7.5	7.5	0.91	7.6	0.11
		Douglas-fir	99	5to60	21.4	16	45.00	25.6	62.08
		hemlock	8	6to20	9.5	8	3.64	10.5	0.84
		bl maple	8	3to30	11.6	12	3.64	14.2	1.54
		oak	12	10to30	20.4	22	5.45	21.7	5.41
		thorn	1	4	4	4	0.45	4	0.02
		willow	3	3to4	3.7	4	1.36	3.7	0.04
Twp-Range 16-3w		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	207	red alder	3	6to20	14.7	18	1.45	15.9	0.57
all avDiam	21.3	ash	16	5to20	10.3	9	7.73	11.6	1.62
all QMD	25.3	redcedar	50	6to96	23.6	22	24.15	27.5	28.52
SrvyYr	1871	crabapple	2	4to6	5	5	0.97	5.1	0.04
		dogwood	8	6to20	11.6	10	3.86	12.5	0.94
		Douglas-fir	92	5to72	25.2	24	44.44	29	58.36
		hemlock	14	6to30	15.7	16	6.76	16.7	2.95
		bl maple	6	10to30	22.7	24	2.90	23.7	2.54
		oak	10	10to40	19.9	14.5	4.83	22.3	3.75
		pine	1	10	10	10	0.48	10	0.08
		willow	2	4	4	4	0.97	4	0.02
		yellowwood	2	4to6	5	5	0.97	5.1	0.04
		yew	1	23	23	23	0.48	23	0.40
North		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	662	alder	75	4to16	5.6	5	11.33	5.99	0.88
all avDiam	17.4	redcedar	16	8to40	21.81	20	2.42	24.4	3.11
all QMD	21.5	cherry	1	4	4	4	0.15	4	0.01
SrvyYr	1855	cottonw	3	5to6	5.3	5	0.45	5.4	0.03
	&59	Douglas-fir	422	4to16	22.09	20	63.75	25.5	89.10
		hemlock	46	4to32	12.17	9	6.95	13.8	2.86
		bl maple	2	12to14	13	13	0.30	13	0.11
		oak	3	14to40	23.3	16	0.45	26.2	0.67
		pine	1	8	8	8	0.15	8	0.02
		spruce	23	4to40	11.91	9	3.47	14.8	1.64
		willow	69	4to24	6.9	5	10.42	8.03	1.45
		yew	1	10	10	10	0.15	10	0.03

S Whidbey		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	876	alder	51	3to18	6.6	5	5.82	7.45	0.69
all avDiam	17.3	redcedar	233	4to72	21.4	18	26.60	25.4	36.89
all QMD	21.6	cherry	1	4	4	4	0.11	4	0.00
SrvyYr	1855	crabapple	2	4to6	5	5	0.23	5.1	0.01
	&59	cottonw	1	15	15	15	0.11	15	0.06
		dogw	2	6to8	7	7	0.23	7.07	0.02
		Douglas-fir	271	2to60	23.14	20	30.94	27.2	48.99
		grand fir	6	8to30	16.83	16.5	0.68	18.3	0.49
		hemlock	261	2to42	11.41	10	29.79	13.6	11.72
		bl maple	13	8to16	13.2	14.5	1.48	13.4	0.57
		pine	10	3to18	7.1	6	1.14	8.11	0.16
		spruce	7	6to30	11.7	8	0.80	14.1	0.34
		willow	14	3to20	5.64	3.5	1.60	7.23	0.18
		yew	4	6to8	6.75	6.5	0.46	6.8	0.05
Twp-Range Bainbrid		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	216	red alder	10	5to12	8.6	7.5	4.63	9.59	0.64
all avDiam	21.8	redcedar	85	3to60	21.59	20	39.35	24	34.10
all QMD	25.7	Douglas-fir	86	2to70	26.78	25.5	39.81	31.4	59.21
SrvyYr	1857	hemlock	24	5to28	13	11	11.11	14.3	3.41
		madrone	2	4to5	4.5	4.5	0.93	4.5	0.03
		bl maple	5	12to30	18	18	2.31	19.2	1.28
		grand fir	1	40	40	40	0.46	40	1.12
		willow	2	5	5	5	0.93	5	0.03
		yew	1	14	14	14	0.46	14	0.14
Twp-Range Vashon		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	263	red alder	19	4to18	9.11	8	7.22	10.3	1.22
all avDiam	20.5	redcedar	60	3to60	25.33	24	22.81	29.2	30.85
all QMD	25.1	Douglas-fir	136	2to84	22.68	18	51.71	27.4	61.44
SrvyYr	1856	hemlock	36	3to30	12.22	10	13.69	14.4	4.47
		madrone	5	8to40	16.6	12	1.90	20.5	1.27
		bl maple	2	14to28	21	21	0.76	22.1	0.59
		grand fir	1	14	14	14	0.38	14	0.12
		willow	4	2to4	2.75	2.5	1.52	2.87	0.02
SanJuan		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	1378	red alder	219	3to36	8.288	8	15.89	9.22	3.55
all avDiam	15.1	ash	1	18	18	18	0.07	18	0.06
all QMD	19.5	redcedar	54	4to48	18.19	18	3.92	20.4	4.29
SrvyYr	1874	cherry	2	3.5to8	5.75	5	0.15	6.17	0.01
		cottonwood	2	4to12	8	8	0.15	8.94	0.03
		crabapple	4	4to6	5	5	0.29	5.1	0.02
		Douglas-fir	809	2to60	19.4	18	58.71	23.8	87.10
		grand fir	5	6to30	18.8	24	0.36	20.9	0.42
		hemlock	26	3to24	8.73	7.5	1.89	10	0.50
		bl maple	9	12to30	18	18	0.65	18.7	0.60
		madrone	20	3to10	5.6	5	1.45	5.98	0.14
		oak	8	5to32	20.38	19	0.58	22.4	0.76
		pine	126	3to20	6.9	6	9.14	7.66	1.41
		spruce	11	6to30	13.27	12	0.80	14.7	0.45
		willow	80	3to14	5.969	6	5.81	6.37	0.62
		yew	2	10	10	10	0.15	10	0.04
NonSJCc		species	# VTs	Diam Range	av Diam	Median Diam	rel Freq%	QMD	rel DOM%
# allVTs	361	red alder	54	2to24	8.1	7	14.96	9.2	2.77
all avDiam	17.3	redcedar	55	4to60	21.7	18	15.24	25.5	21.70
all QMD	21.4	cherry	4	7to12	9	8.5	1.11	9.2	0.21
SrvyYr	1871	Douglas-fir	183	4to72	20.6	18	50.69	24.6	67.20
	&73	grand fir	8	10to30	20.3	21	2.22	21.1	2.16
		hemlock	22	5to24	12.9	12.5	6.09	13.8	2.54</