PRE-CRUISE NARRATIVE

Sale Name:	Brain Strain	Region:	SPS
App. #:	30-075799	District:	Rainier
Contact forester:	Bruce Meyer	Phone/ location:	360-492-5031
Alternate contact:	Ted Keeley	Phone/ location:	360-492-5031

UNIT ACREAGES AND METHOD OF DETERMINATION:

Unit #	Legal Descr. Sec/Twp/Rng	Gross acres	Net acres	Method of acreage determination (compass chain traverse, photo, declination used, etc)	Error of closure
1	Sections16 ,17, T15N R6E W.M.	76	75.1	GPS	
2	Section 16 T15N R6E W.M.	29	28.6	GPS	
R/W	Sections 8, 17 T15N R6E W.M.	6	6	Photo	
Total		109	107.7		

HARVEST PLAN AND SPECIAL CONDITIONS:

Unit #	Harvest prescription: (mark leave, take, etc)	Special management areas:	Other conditions (# leave trees, etc.)
1	See Attached Prescription	None	See Attached Prescip.
2	Marked Leave Trees, Blue Paint	None	147 leaves trees,10/Ac

OTHER PRE-CRUISE INFORMATION:

Unit #	Estimated Volume	Access information (Gates, locks, etc.)	Photos, traverse maps required
1	967 mbf	278th to 8Rd to 9Rd to 92 Rd	Available upon request
2	1,333 mbf	278th to 8Rd to 9Rd to 92 Rd	Available upon request

REMARKS:

Brain Strain is a combination CC and VDT. In the thinning an overall RD of 50 will maintained throughout the unit. The basic prescription is a thinning from below, with small openings ranging in size from .5 to 1 acre in size. The purpose of the thinning is to direct the stand towards desired future conditions. The desired future conditions are; increased diversity in stand structure and composition. Net acres in Unit 1 is gross area with leave tree clumps (0.9) subtracted. Right of Way includes R/W that is both within and outside of Unit 1. Volume est. for Unit 1 includes the R/W for the 924 Rd and spurs.

Prepared by: Edward S Keeley

Title: Operations Forester

CC:

Cruise Narrative

Sale Name:	BRAIN STRAIN	**Region:**	South Puget Sound
App. #:	75799	**District:**	Rainier
Lead cruiser:	Ken McGee	**Completion date:**	04-14-2004
Other cruisers on sale:	None		

Unit acreage specifications:

Unit #	Cruised acres	Cruised acres agree with sale acres? Yes/No	If acres do not agree explain why.
#1	70.5	NO	Thinning Acres. Forester subtracted .9 acres due to tagged out leave tree areas. Gross acres = 80.0
#2	28.6	NO	Forester subtracted .4 acres due to tagged out leave tree areas.
R/W	6.0	Yes	#924 rd. and spurs
Corr.	4.6	Yes	Forester estimated fifteen corridors.
Total	109.7		

Unit cruise specifications:

Unit #	Sample type (VP, FP, ITS,100%)	Expansion factor (BAF, full/ half)	Sighting height (4.5 ft, 16 ft.)	Grid size (Plot spacing or % of area)	Plot ratio (cruise: count)	Total number of plots
#1	VP	54.45	4.5	350x250ft.	34:34	34
#2	VP	54.45	4.5	350x250ft.	7:6	13
R/W	VP	54.45	4.5	350x250ft.	34:34	34
Corr.	VP	54.45	4.5	350x250ft.	34:34	34

Sale/Cruise Description:

Minor species cruise intensity:	All minor species were cruised on all graded variable plots.					
Minimum cruise spec:	5 inch top or 40% 0f form point. 8 inch DBH minimum. Not less than 10 board feet.					
Avg ring count by sp:	**DF =**	9.0	**WH =**	11.0	**SS =**	
Leave/take tree description:	Leave trees are banded with blue paint and are clumped or scattered throughout the sale area.					
Other conditions	Note: Average volume per acre was used for the R/W and the corridor volume estimates.					

Field observations:

This is a two unit timber sale located approximately 10 miles northeast of Elbe, Washington. Access is good from several different road systems. Units one and two are separated only by blue management tags. Unit one is a variable density thinning,(purchaser select) and unit two is a regeneration harvest. The timber in this area is excellent quality mature second growth . The stand contains mostly Douglas Fir and Western Hemlock with smaller amounts of Hardwoods, Silver Fir and Red Cedar.

Grants: 01 – 92% 03 – 8%

Prepared by: Ken McGee

Title:	Forest Cruiser
CC:	Audrey Stuart

TC PSPCSTGR
Eatonville Unit

Species, Sort Grade - Board Foot Volumes (Project)

T15N R06E S16 TyCORR
THRU
T15N R06E S16 TyU-2

Project: BRAIN ST
Acres 109.70

Page 1
Date 4/14/2004
Time 12:29:45PM

Spp	S T	So Gr rt ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D 2S	67	2.5	11,274	10,996	1,206		4	63	33			100		32	268	1.67	41.0
DF		D 3S	28	2.7	4,733	4,608	505		94	6			0	100		32	85	0.63	54.4
DF		D 4S	5	4.4	816	781	86	66	34			43	24	33		14	15	0.29	52.4
DF	**Totals**		31	2.6	16,823	16,384	1,797	3	31	44	22	2	1	97		25	111	0.93	147.9
DF	T	D 2S	45	1.4	7,166	7,067	775		5	65	29			100		32	250	1.56	28.3
DF	T	D 3S	43	1.0	6,680	6,615	726		97	3			0	100		32	80	0.56	82.8
DF	T	D 4S	12	8.1	1,912	1,757	193	84	16			20	30	50		16	16	0.24	111.8
DF	**Totals**		29	2.0	15,757	15,439	1,694	10	46	31	13	2	3	94		24	69	0.62	222.8
WH	T	D 2S	8	.2	839	837	92			97	3			100		32	195	1.22	4.3
WH	T	D 3S	45	.3	4,727	4,714	517	1	98	1			1	99		32	65	0.41	72.5
WH	T	D 4S	47	1.9	4,937	4,843	531	72	28			20	14	66		17	19	0.22	259.1
WH	**Totals**		19	1.0	10,502	10,394	1,140	34	57	8	0	9	7	84		21	31	0.30	335.8
WH		D 2S	15	1.1	1,307	1,293	142			88	12			100		32	216	1.30	6.0
WH		D 3S	69	1.4	5,887	5,804	637		93	7				100		32	80	0.53	72.3
WH		D 4S	16	3.9	1,399	1,345	148	85	15			19	21	60		16	16	0.27	82.9
WH	**Totals**		16	1.8	8,593	8,441	926	14	66	18	2	3	3	94		24	52	0.48	161.2
CW	T	D 1S	32	6.1	212	199	22			37	63			100		32	310	2.15	.6
CW	T	D 2S	37	9.7	245	221	24		4	28	67		4	96		30	218	1.63	1.0
CW	T	D 4S	31	9.0	205	186	20	6	94			6		94		24	45	0.51	4.2
CW	**Totals**		1	8.3	662	607	67	2	30	22	45	2	2	97		26	104	0.96	5.8
RA	T	D 3S	34	6.4	471	441	48		79	21				100		32	120	0.94	3.7
RA	T	D 4S	66	22.1	1,080	842	92	30	70			4	8	88		21	26	0.38	32.9
RA	**Totals**		2	17.3	1,551	1,282	141	20	73	7		3	5	92		22	35	0.46	36.6
RA		D 4S	100		134	134	15	25	75			25		75		24	40	0.34	3.4
RA	**Totals**		0		134	134	15	25	75			25		75		24	40	0.34	3.4
RC		D 3S	87	12.5	68	60	7			100				100		32	140	1.72	.4
RC		D 4S	13		9	9	1		100			100				18	20	0.49	.4
RC	**Totals**		0	11.1	77	68	8		13	88		13		88		25	80	1.28	.9
RC	T	D 3S	87	12.5	10	9	1			100				100		32	140	1.72	.1
RC	T	D 4S	13		1	1	0		100			100				18	20	0.49	.1
RC	**Totals**		0	11.1	12	10	1		13	88		13		88		25	80	1.28	.1
SF	T	D 2S	23		164	164	18			100				100		32	261	1.53	.6
SF	T	D 3S	70		485	485	53		82	18				100		32	81	0.54	6.0
SF	T	D 4S	7		46	46	5	100				35	65			17	15	0.21	3.1
SF	**Totals**		1		696	696	76	7	57	36		2	4	93		27	72	0.55	9.7
SF		D 2S	64		103	103	11			100				100		32	160	1.18	.6
SF		D 3S	28		45	45	5		100					100		32	70	0.57	.6
SF		D 4S	8		13	13	1	100				100				19	20	0.24	.6
SF	**Totals**		0		161	161	18	8	28	64		8		92		28	83	0.73	1.9
Totals				2.5	54,968	53,618	5,882	13	47	28	12	4	3	93		23	58	0.54	926.2

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	CORR	THRI	109.70	115	682	S	W
15N	06E	16	BRAIN STRAIN	U-2						

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	115	682	5.9		
CRUISE	109	649	6.0	39,331	1.7
DBH COUNT					
REFOREST COUNT	6	33	5.5		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	83	47.3	18.2	87	21	85.4	16,823	16,384	3,492	3,492
DOUG FIR-T	247	80.7	14.3	79	24	89.8	15,757	15,439	3,351	3,352
WHEMLOCK	48	56.4	12.7	77	10	49.4	8,593	8,441	1,816	1,816
WHEMLOCK-T	220	151.6	9.4	62	17	73.3	10,502	10,394	2,087	2,086
R ALDER	1	1.7	10.6	56		1.0	134	134	27	27
R ALDER-T	32	14.9	12.1	64		12.0	1,551	1,282	373	373
PS FIR	1	.6	17.1	86	0	1.0	161	161	39	39
PS FIR-T	5	3.1	14.3	95	1	3.4	696	696	145	145
COTWOOD-T	9	1.8	18.9	90		3.6	662	607	145	145
WR CEDAR	1	.4	21.0	52		1.0	77	68	27	27
WR CEDAR-T	2	.1	21.0	52		.2	12	10	4	4
TOTAL	*649*	*358.5*	*12.8*	*72*		*320.1*	*54,968*	*53,618*	*11,508*	*11,506*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR	315.9	12.4	57	65	73			
DOUG FIR-T	179.5	7.0	149	160	172			
WHEMLOCK	426.2	16.7	11	14	16			
WHEMLOCK-T	206.9	8.1	36	40	43			
R ALDER	2547.5	100.0		0	0			
R ALDER-T	471.3	18.5	4	5	6			
PS FIR	2547.5	100.0	0	0	1			
PS FIR-T	1249.1	49.0	1	2	3			
COTWOOD-T	947.0	37.2	4	7	9			
WR CEDAR	2547.5	100.0		0	0			
WR CEDAR-T	1800.0	70.7	0	0	1			
TOTAL	*99.9*	*3.9*	*282*	*294*	*305*	*204*	*123*	*100*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR	303.5	11.9	12	13	15			
DOUG FIR-T	169.9	6.7	31	33	36			
WHEMLOCK	423.3	16.6	2	3	3			
WHEMLOCK-T	209.7	8.2	8	8	9			
R ALDER	2547.5	100.0	0	0	0			
R ALDER-T	479.8	18.8	1	1	2			
PS FIR	2547.5	100.0		0	0			
PS FIR-T	1225.3	48.1	0	0	1			
COTWOOD-T	939.0	36.9	1	2	2			
WR CEDAR	2547.5	100.0		0	0			
WR CEDAR-T	1800.0	70.7	0	0	0			
TOTAL	*91.2*	*3.6*	*60*	*62*	*64*	*170*	*103*	*83*

SD: 1	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	234.3	21.9	37	47	58			
DOUG FIR-T	203.3	19.0	65	81	96			
WHEMLOCK	233.9	21.8	44	56	69			
WHEMLOCK-T	200.2	18.7	123	152	180			
R ALDER	1072.4	100.0		2	3			
R ALDER-T	461.4	43.0	8	15	21			
PS FIR	1072.4	100.0		1	1			
PS FIR-T	1038.4	96.8	0	3	6			
COTWOOD-T	787.1	73.4	0	2	3			
WR CEDAR	1072.4	100.0	0	0	1			
WR CEDAR-T	761.6	71.0	0	0	0			
TOTAL	*129.1*	*12.0*	*315*	*359*	*402*	*340*	*206*	*167*

SD: 1	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	207.3	19.3	69	85	102			
DOUG FIR-T	195.3	18.2	73	90	106			
WHEMLOCK	231.0	21.5	39	49	60			
WHEMLOCK-T	191.7	17.9	60	73	86			
R ALDER	1072.4	100.0		1	2			
R ALDER-T	424.8	39.6	7	12	17			
PS FIR	1072.4	100.0		1	2			

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE		ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	CORR	THRI	109.70	115	682	S	W
15N	06E	16	BRAIN STRAIN	U-2						

SD: 1	COEFF VAR.	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
PS FIR-T	1024.2	95.5	0	3	7			
COTWOOD-T	694.7	64.8	1	4	6			
WR CEDAR	1072.4	100.0		1	2			
WR CEDAR-T	761.6	71.0	0	0	0			
TOTAL	*110.5*	*10.3*	*287*	*320*	*353*	*249*	*151*	*122*

SD: 1	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	219.8	20.5	13,026	16,384	19,742			
DOUG FIR-T	207.4	19.3	12,453	15,439	18,426			
WHEMLOCK	238.2	22.2	6,566	8,441	10,316			
WHEMLOCK-T	199.8	18.6	8,457	10,394	12,330			
R ALDER	1072.4	100.0		134	269			
R ALDER-T	442.1	41.2	754	1,282	1,811			
PS FIR	1072.4	100.0		161	323			
PS FIR-T	1035.0	96.5	24	696	1,367			
COTWOOD-T	690.3	64.4	216	607	997			
WR CEDAR	1072.4	100.0	0	68	137			
WR CEDAR-T	761.6	71.0	3	10	18			
TOTAL	*115.7*	*10.8*	*47,830*	*53,618*	*59,405*	*273*	*165*	*134*

SD: 1	COEFF VAR.%	S.E.%	NET CUFT FT/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	215.9	20.1	2,789	3,492	4,195			
DOUG FIR-T	202.9	18.9	2,717	3,352	3,986			
WHEMLOCK	238.8	22.3	1,411	1,816	2,220			
WHEMLOCK-T	194.4	18.1	1,708	2,086	2,464			
R ALDER	1072.4	100.0		27	54			
R ALDER-T	433.1	40.4	223	373	524			
PS FIR	1072.4	100.0		39	78			
PS FIR-T	1029.1	96.0	6	145	285			
COTWOOD-T	689.2	64.3	52	145	238			
WR CEDAR	1072.4	100.0	0	27	55			
WR CEDAR-T	761.6	71.0	1	4	7			
TOTAL	*114.2*	*10.6*	*10,281*	*11,506*	*12,731*	*266*	*161*	*130*

TC PSTNDSUM
Eatonville Unit

Stand Table Summary

Page 1
Date: 4/14/2004

T15N R06E S16 TyCORR
THRU
T15N R06E S16 TyU-2

Project BRAIN ST
Acres 109.70

Time: 12:29:50PM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
DF		9	1	87	65	2.551	1.03	5.10	3.9	15.0	.56	20	77	62	22	8
DF		10	2	86	69	3.632	2.06	7.26	6.5	32.4	1.35	47	235	148	52	26
DF		11	1	86	70	1.560	1.03	3.12	8.1	40.0	.72	25	125	79	28	14
DF		12	4	87	91	5.053	4.12	13.85	9.0	37.3	3.54	124	517	388	136	57
DF		13	2	86	93	2.272	2.06	6.81	9.5	36.5	1.84	64	249	202	71	27
DF		15	5	88	105	4.266	5.15	12.80	14.6	67.2	5.31	187	860	583	205	94
DF		16	3	87	107	2.260	3.09	6.78	17.1	75.6	3.30	116	513	363	127	56
DF		17	1	87	112	.638	1.03	1.91	21.4	90.0	1.16	41	172	128	45	19
DF		18	4	86	118	2.371	4.12	8.32	20.7	96.0	4.90	172	798	537	188	88
DF		19	7	87	124	3.673	7.20	12.58	24.0	106.5	8.59	301	1,340	942	331	147
DF		20	8	85	120	3.818	8.23	12.89	25.8	115.9	9.48	332	1,494	1,040	365	164
DF		21	10	87	126	4.279	10.29	14.98	29.7	130.3	12.67	445	1,951	1,389	488	214
DF		22	9	86	129	3.509	9.26	13.26	30.6	145.0	11.58	406	1,922	1,270	446	211
DF		23	4	86	133	1.427	4.12	5.35	34.3	166.7	5.22	183	892	572	201	98
DF		24	4	88	126	1.310	4.12	4.59	38.8	175.7	5.08	178	806	557	195	88
DF		25	5	87	137	1.510	5.15	6.04	38.8	202.5	6.68	234	1,223	733	257	134
DF		26	4	87	135	1.117	4.12	4.47	42.3	215.6	5.38	189	963	591	207	106
DF		27	4	86	134	1.035	4.12	3.88	48.0	249.3	5.31	186	968	583	205	106
DF		29	1	87	138	.224	1.03	.90	53.1	285.0	1.36	48	256	149	52	28
DF		30	1	87	130	.210	1.03	.84	54.2	262.5	1.30	45	220	142	50	24
DF		31	1	83	145	.196	1.03	.79	62.4	327.5	1.40	49	257	153	54	28
DF		32	1	86	149	.184	1.03	.74	69.5	397.5	1.46	51	293	160	56	32
DF		34	1	86	130	.163	1.03	.65	71.7	387.5	1.33	47	253	146	51	28
DF		Totals	83	87	109	47.257	85.42	147.90	23.6	110.8	99.52	3,492	16,384	10,918	3,831	1,797
DF	T	8	4	87	74	9.576	3.08	19.15	3.1	13.1	1.74	60	252	191	66	28
DF	T	9	11	86	71	8.388	3.71	16.78	4.8	18.1	2.29	81	303	251	89	33
DF	T	10	6	86	79	7.287	4.10	17.85	6.1	30.1	3.10	109	538	340	119	59
DF	T	11	9	87	79	6.925	4.42	15.52	7.9	34.1	3.50	123	529	384	135	58
DF	T	12	13	87	91	7.022	5.59	20.87	8.2	33.7	4.88	171	704	536	188	77
DF	T	13	10	87	97	8.131	7.17	22.24	10.6	45.5	6.70	235	1,012	735	258	111
DF	T	14	11	87	105	6.901	7.34	20.70	12.6	57.9	7.45	262	1,200	817	287	132
DF	T	15	18	87	115	5.671	6.93	17.01	15.6	71.1	7.56	265	1,210	829	291	133
DF	T	16	7	87	118	1.784	2.36	5.35	17.6	79.2	2.68	94	424	294	103	46
DF	T	17	8	87	101	1.653	2.52	4.96	18.1	72.8	2.55	90	361	280	98	40
DF	T	18	14	86	125	4.240	7.48	14.63	21.2	96.1	8.84	310	1,405	970	340	154
DF	T	19	19	87	130	3.151	6.05	11.29	23.5	109.4	7.55	265	1,236	829	291	136
DF	T	20	17	86	131	1.442	3.13	5.41	25.2	116.9	3.88	136	632	425	149	69
DF	T	21	23	86	129	3.004	7.23	10.91	28.8	134.4	8.95	314	1,466	981	344	161
DF	T	22	20	86	133	1.949	5.18	6.97	33.3	157.7	6.62	232	1,099	727	255	121
DF	T	23	9	86	133	.871	2.51	3.43	32.5	159.7	3.17	111	547	348	122	60
DF	T	24	9	86	124	.800	2.51	2.50	42.2	198.1	3.00	105	495	329	116	54
DF	T	25	11	86	136	.782	2.67	3.13	39.0	202.5	3.48	122	634	382	134	70
DF	T	26	8	87	135	.168	.62	.67	42.3	215.6	.81	28	145	89	31	16
DF	T	27	8	86	134	.156	.62	.58	48.0	249.3	.80	28	146	88	31	16
DF	T	29	2	87	138	.034	.15	.13	53.1	285.0	.20	7	38	22	8	4
DF	T	30	3	86	124	.417	2.05	1.28	70.1	341.4	2.56	90	438	281	99	48
DF	T	31	2	83	145	.030	.15	.12	62.4	327.5	.21	7	39	23	8	4
DF	T	32	2	86	149	.028	.15	.11	69.5	397.5	.22	8	44	24	8	5
DF	T	34	2	86	130	.025	.15	.10	71.7	387.5	.20	7	38	22	8	4
DF	T	35	1	87	136	.283	1.89	1.13	79.1	445.0	2.56	90	504	281	98	55
DF	T	Totals	247	87	97	80.717	89.75	222.84	15.0	69.3	95.52	3,352	15,439	10,478	3,677	1,694
WH	T	8	52	92	67	67.945	22.94	132.50	3.7	18.6	15.88	495	2,458	1,742	543	270
WH	T	9	37	92	72	38.818	17.02	86.07	5.0	27.6	13.75	429	2,378	1,509	470	261
WH	T	10	26	92	82	17.730	9.50	42.88	6.6	34.3	9.08	284	1,471	996	311	161
WH	T	11	29	92	87	13.978	8.78	37.01	7.7	35.1	9.11	285	1,299	1,000	312	143
WH	T	12	27	92	89	3.977	3.04	10.18	9.9	45.2	3.23	101	460	355	111	50
WH	T	13	11	92	110	3.756	3.58	11.27	13.1	64.2	4.74	148	724	519	162	79
WH	T	14	10	91	97	.744	.77	2.08	14.3	66.2	.95	30	137	104	33	15
WH	T	15	2	91	101	.131	.15	.39	15.2	73.3	.19	6	29	21	7	3
WH	T	16	8	92	107	.452	.62	1.36	19.3	90.8	.84	26	123	92	29	14
WH	T	17	7	91	102	2.032	3.27	5.99	21.3	97.2	4.08	127	582	447	140	64
WH	T	18	3	92	111	1.749	2.96	5.25	24.1	113.8	4.04	126	597	443	138	66
WH	T	20	2	91	119	.072	.15	.22	33.0	163.3	.23	7	35	25	8	4
WH	T	21	6	91	118	.193	.46	.64	33.2	154.0	.68	21	99	75	23	11
WH	T	Totals	220	92	75	151.578	73.26	335.83	6.2	30.9	66.80	2,086	10,394	7,328	2,288	1,140
WH		10	5	92	85	8.895	5.15	23.13	6.9	33.8	5.13	160	782	563	176	86
WH		11	8	92	88	12.527	8.23	35.87	7.5	34.0	8.64	270	1,218	948	296	134
WH		12	12	92	94	16.081	12.35	46.95	9.3	43.1	13.97	436	2,024	1,533	479	222
WH		13	5	92	100	5.624	5.15	16.87	11.4	55.8	6.15	192	942	675	210	103
WH		14	5	91	97	4.946	5.15	13.80	14.3	66.2	6.33	198	914	694	217	100

TC PSTNDSUM
Eatonville Unit

Stand Table Summary

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Date: 4/14/2004

T15N R06E S16 TyCORR
THRU
T15N R06E S16 TyU-2

Project BRAIN ST
Acres 109.70

Time: 12:29:50PM
Grown Year:

Spc	S T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Average Log Net Cu.Ft.	Average Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Totals Tons	Totals Cunits	Totals MBF
WH		15	1	91	101	.873	1.03	2.62	15.2	73.3	1.27	40	192	140	44	21
WH		16	4	92	107	3.009	4.12	9.03	19.3	90.8	5.57	174	819	611	191	90
WH		17	3	91	94	2.071	3.09	5.52	20.2	80.0	3.57	112	442	392	123	48
WH		18	1	92	107	.576	1.03	1.73	25.2	123.3	1.39	44	213	153	48	23
WH		20	1	91	119	.481	1.03	1.44	33.0	163.3	1.53	48	236	167	52	26
WH		21	3	91	118	1.284	3.09	4.28	33.2	154.0	4.55	142	659	499	156	72
WH		Totals	48	92	94	56.367	49.40	161.24	11.3	52.4	58.11	1,816	8,441	6,374	1,992	926
RA	T	8	3	88	59	3.478	1.18	6.96	3.2	15.0	.62	22	104	68	25	11
RA	T	10	3	88	85	2.128	1.18	6.38	6.0	26.7	1.04	38	170	115	42	19
RA	T	11	2	87	67	.253	.15	.51	8.0	40.0	.11	4	20	12	4	2
RA	T	12	6	88	81	2.990	2.37	7.46	9.8	26.0	2.02	73	194	222	80	21
RA	T	13	3	88	70	1.284	1.18	2.57	13.9	55.0	.99	36	141	108	39	15
RA	T	14	6	88	92	2.199	2.37	6.60	13.0	45.0	2.35	86	297	258	94	33
RA	T	15	3	87	88	.991	1.18	2.97	13.5	50.0	1.11	40	149	122	44	16
RA	T	16	3	84	79	.881	1.18	1.76	21.0	65.0	1.01	37	114	111	41	13
RA	T	18	3	87	78	.709	1.18	1.42	26.0	65.0	1.01	37	92	110	40	10
RA	T	Totals	32	88	77	14.913	11.99	36.63	10.2	35.0	10.26	373	1,282	1,125	410	141
SF	T	12	1	89	113	1.438	1.09	4.31	9.1	43.3	1.12	39	187	123	43	21
SF	T	14	1	88	125	.993	1.09	2.98	15.8	73.3	1.35	47	218	148	52	24
SF	T	17	2	86	108	.097	.15	.29	20.2	83.3	.17	6	24	18	6	3
SF	T	19	1	91	133	.532	1.09	2.13	25.0	125.0	1.53	53	266	167	58	29
SF	T	Totals	5	89	120	3.060	3.43	9.71	15.0	71.6	4.16	145	696	457	159	76
CW	T	14	3	82	103	1.157	1.18	3.47	12.1	46.7	1.03	42	162	113	46	18
CW	T	25	3	84	129	.347	1.18	1.39	38.0	170.0	1.30	53	236	142	58	26
CW	T	26	3	83	116	.321	1.18	.96	52.1	216.7	1.23	50	209	135	55	23
CW	T	Totals	9	83	110	1.825	3.55	5.82	24.9	104.2	3.56	145	607	390	159	67
SF		17	1	86	108	.645	1.03	1.94	20.2	83.3	1.12	39	161	123	43	18
SF		Totals	1	86	108	.645	1.03	1.94	20.2	83.3	1.12	39	161	123	43	18
RA		11	1	87	67	1.679	1.03	3.36	8.0	40.0	.74	27	134	81	30	15
RA		Totals	1	87	67	1.679	1.03	3.36	8.0	40.0	.74	27	134	81	30	15
RC		21	1	77	63	.428	1.03	.86	31.9	80.0	.64	27	68	70	30	8
RC		Totals	1	77	63	.428	1.03	.86	31.9	80.0	.64	27	68	70	30	8
RC	T	21	2	77	63	.064	.15	.13	31.9	80.0	.10	4	10	11	5	1
RC	T	Totals	2	77	63	.064	.15	.13	31.9	80.0	.10	4	10	11	5	1
Totals			649	90	88	358.534	320.06	926.25	12.4	57.9	340.52	11,506	53,618	37,355	12,622	5,882

TC PSPCSTGR
Eatonville Unit

Species, Sort Grade - Board Foot Volumes (Project)

T15N R06E S16 TyU-1 70.50

Project: BRAIN ST
Acres 70.50

Page 1
Date 4/14/2004
Time 12:42:34PM

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF		D	2S	67	2.5	17,542	17,110	1,206		4	63	33			100		32	268	1.67	63.9
DF		D	3S	28	2.7	7,365	7,170	505		94	6			0	100		32	85	0.63	84.7
DF		D	4S	5	4.4	1,270	1,214	86	66	34			43	24	33		14	15	0.29	81.6
DF	**Totals**			48	2.6	26,177	25,494	1,797	3	31	44	22	2	1	97		25	111	0.93	230.1
DF	T	D	2S	17	3.0	685	664	47		22	78				100		32	171	1.18	3.9
DF	T	D	3S	63	.8	2,401	2,381	168		100					100		32	75	0.52	31.6
DF	T	D	4S	20	16.8	906	754	53	85	15			29	13	59		16	14	0.23	54.5
DF	**Totals**			7	4.8	3,992	3,799	268	17	70	14		6	3	92		22	42	0.44	90.0
WH		D	2S	15	1.1	2,033	2,012	142			88	12			100		32	216	1.30	9.3
WH		D	3S	69	1.4	9,160	9,031	637		93	7				100		32	80	0.53	112.6
WH		D	4S	16	3.9	2,177	2,093	148	85	15			19	21	60		16	16	0.27	129.0
WH	**Totals**			24	1.8	13,371	13,135	926	14	66	18	2	3	3	94		24	52	0.48	250.9
WH	T	D	3S	34		2,774	2,774	196	2	98				2	98		31	57	0.34	48.9
WH	T	D	4S	66	2.1	5,472	5,356	378	68	32			18	11	71		18	19	0.22	278.4
WH	**Totals**			15	1.4	8,246	8,130	573	46	54			12	8	80		20	25	0.25	327.3
CW	T	D	1S	32	6.1	287	269	19			37	63			100		32	310	2.15	.9
CW	T	D	2S	37	9.7	332	300	21		4	28	67		4	96		30	218	1.63	1.4
CW	T	D	4S	31	9.0	277	252	18	6	94			6		94		24	45	0.51	5.6
CW	**Totals**			2	8.3	895	821	58	2	30	22	45	2	2	97		26	104	0.96	7.9
RA	T	D	3S	34	6.4	637	596	42		79	21				100		32	120	0.94	5.0
RA	T	D	4S	66	22.5	1,433	1,111	78	31	69			4	8	88		21	25	0.38	43.9
RA	**Totals**			3	17.5	2,070	1,707	120	20	73	7		2	5	92		22	35	0.47	48.9
RA		D	4S	100		209	209	15	25	75			25		75		24	40	0.34	5.2
RA	**Totals**			0		209	209	15	25	75			25		75		24	40	0.34	5.2
RC		D	3S	87	12.5	107	93	7			100				100		32	140	1.72	.7
RC		D	4S	13		13	13	1		100			100				18	20	0.49	.7
RC	**Totals**			0	11.1	120	107	8		13	88		13		88		25	80	1.28	1.3
SF		D	2S	64		161	161	11			100				100		32	160	1.18	1.0
SF		D	3S	28		70	70	5		100					100		32	70	0.57	1.0
SF		D	4S	8		20	20	1	100				100				19	20	0.24	1.0
SF	**Totals**			0		251	251	18	8	28	64		8		92		28	83	0.73	3.0
Totals					3.0	55,331	53,653	3,783	14	47	27	12	4	3	93		23	56	0.53	964.7

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	U-1	70.50	34	203	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	34	203	6.0		
CRUISE	34	203	6.0	26,372	.8
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR	83	73.5	18.2	87	32	132.9	26,177	25,494	5,434	5,434
DOUG FIR-T	17	35.5	11.9	70	8	27.2	3,992	3,799	877	877
WHEMLOCK	48	87.7	12.7	77	16	76.9	13,371	13,135	2,825	2,825
WHEMLOCK-T	39	150.7	8.7	60	15	62.5	8,246	8,130	1,594	1,591
R ALDER	1	2.6	10.6	56		1.6	209	209	42	42
R ALDER-T	10	19.8	12.2	64		16.0	2,070	1,707	499	499
COTWOOD-T	3	2.5	18.9	90		4.8	895	821	196	196
WR CEDAR	1	.7	21.0	52		1.6	120	107	42	43
PS FIR	1	1.0	17.1	86	0	1.6	251	251	61	61
TOTAL	*203*	*374.1*	*12.6*	*71*		*325.1*	*55,331*	*53,653*	*11,571*	*11,568*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR	156.2	11.0	185	208	231			
DOUG FIR-T	415.2	29.1	9	13	17			
WHEMLOCK	223.9	15.7	37	44	50			
WHEMLOCK-T	227.8	16.0	10	11	13			
R ALDER	1424.8	100.0		0	1			
R ALDER-T	472.9	33.2	3	5	7			
COTWOOD-T	918.6	64.5	3	7	12			
WR CEDAR	1424.8	100.0		1	2			
PS FIR	1424.8	100.0		1	2			
TOTAL	*100.2*	*7.0*	*270*	*291*	*311*	*205*	*124*	*100*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR	148.3	10.4	39	43	48			
DOUG FIR-T	403.4	28.3	2	3	4			
WHEMLOCK	222.1	15.6	8	9	11			
WHEMLOCK-T	229.1	16.1	2	2	3			
R ALDER	1424.8	100.0	0	0	0			
R ALDER-T	477.7	33.5	1	2	2			
COTWOOD-T	910.8	63.9	1	2	3			
WR CEDAR	1424.8	100.0		0	1			
PS FIR	1424.8	100.0		0	1			
TOTAL	*91.6*	*6.4*	*58*	*62*	*66*	*171*	*104*	*84*

SD: 1	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	96.6	16.6	61	74	86			
DOUG FIR-T	164.7	28.2	25	36	46			
WHEMLOCK	96.3	16.5	73	88	102			
WHEMLOCK-T	127.1	21.8	118	151	184			
R ALDER	583.1	100.0		3	5			
R ALDER-T	283.9	48.7	10	20	29			
COTWOOD-T	488.3	83.7	0	2	5			
WR CEDAR	583.1	100.0	0	1	1			
PS FIR	583.1	100.0		1	2			
TOTAL	*59.3*	*10.2*	*336*	*374*	*412*	*72*	*43*	*35*

SD: 1	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	75.6	13.0	116	133	150			
DOUG FIR-T	141.4	24.3	21	27	34			
WHEMLOCK	94.1	16.1	64	77	89			
WHEMLOCK-T	129.0	22.1	49	62	76			
R ALDER	583.1	100.0		2	3			
R ALDER-T	258.4	44.3	9	16	23			
COTWOOD-T	429.3	73.6	1	5	8			
WR CEDAR	583.1	100.0		2	3			
PS FIR	583.1	100.0		2	3			
TOTAL	*33.1*	*5.7*	*307*	*325*	*344*	*22*	*14*	*11*

SD: 1	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	85.6	14.7	21,751	25,494	29,237			
DOUG FIR-T	157.7	27.0	2,772	3,799	4,826			

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	U-1	70.50	34	203	S	W

SD: 1	COEFF VAR.	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
WHEMLOCK	99.4	17.0	10,896	13,135	15,373			
WHEMLOCK-T	145.0	24.9	6,108	8,130	10,152			
R ALDER	583.1	100.0		209	418			
R ALDER-T	270.7	46.4	915	1,707	2,500			
COTWOOD-T	426.5	73.1	220	821	1,421			
WR CEDAR	583.1	100.0	0	107	213			
PS FIR	583.1	100.0		251	502			
TOTAL	*41.2*	*7.1*	*49,858*	*53,653*	*57,448*	*35*	*21*	*17*

SD: 1	COEFF VAR.%	S.E.%	NET CUFT FT/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR	82.5	14.2	4,665	5,434	6,203			
DOUG FIR-T	149.2	25.6	653	877	1,101			
WHEMLOCK	99.8	17.1	2,342	2,825	3,309			
WHEMLOCK-T	137.9	23.7	1,215	1,591	1,968			
R ALDER	583.1	100.0		42	84			
R ALDER-T	263.4	45.2	274	499	725			
COTWOOD-T	425.8	73.0	53	196	339			
WR CEDAR	583.1	100.0	0	43	85			
PS FIR	583.1	100.0		61	122			
TOTAL	*38.7*	*6.6*	*10,800*	*11,568*	*12,336*	*31*	*19*	*15*

TC PSPCSTGR
Eatonville Unit

Species, Sort Grade - Board Foot Volumes (Project)

T15N R06E S16 TyU-2 28.60

Project: BRAIN ST
Acres 28.60

Page 1
Date 4/14/2004
Time 12:49:28PM

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	D	2S	48	.8	19,042	18,884	540		4	65	31			100		32	256	1.59	73.8
DF	T	D	3S	41	.7	16,083	15,964	457		96	4				100		32	81	0.57	196.4
DF	T	D	4S	11	3.3	4,293	4,150	119	85	15			13	40	47		17	17	0.25	243.9
DF	**Totals**			73	1.1	39,418	38,998	1,115	9	43	33	15	1	4	94		25	76	0.65	514.1
WH	T	D	2S	20		2,465	2,465	70			100				100		32	190	1.20	13.0
WH	T	D	3S	58		6,869	6,869	196		100					100		32	70	0.44	97.5
WH	T	D	4S	22		2,611	2,611	75	88	12			30	30	40		17	17	0.21	156.6
WH	**Totals**			22		11,944	11,944	342	19	60	21		7	6	87		23	45	0.39	267.1
SF	T	D	2S	22		571	571	16			100				100		32	280	1.60	2.0
SF	T	D	3S	71		1,834	1,834	52		82	18				100		32	81	0.54	22.7
SF	T	D	4S	7		169	169	5	100				33	67			17	15	0.21	11.4
SF	**Totals**			5		2,575	2,575	74	7	59	35		2	4	93		27	71	0.54	36.1
Totals					0.8	53,938	53,517	1,531	11	47	30	11	3	5	93		24	65	0.57	817.3

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	U-2	28.60	13	73	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	13	73	5.6		
CRUISE	7	40	5.7	8,994	.4
DBH COUNT					
REFOREST					
COUNT	6	33	5.5		
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	30	181.6	14.8	82	57	217.8	39,418	38,998	8,353	8,355
WHEMLOCK-T	7	121.5	10.7	64	17	75.4	11,944	11,944	2,440	2,440
PS FIR-T	3	11.4	14.2	96	2	12.6	2,575	2,575	535	535
TOTAL	*40*	*314.5*	*13.4*	*75*		*305.8*	*53,938*	*53,517*	*11,328*	*11,330*

	COEFF		**SAMPLE TREES - BF**			# OF TREES REQ.		INF. POP.
SD: 1	VAR.%	S.E.%	LOW	AVG	HIGH	7	9	10
DOUG FIR-T	122.1	19.3	234	290	346			
WHEMLOCK-T	283.8	44.9	15	27	39			
PS FIR-T	410.8	65.0	7	21	35			
TOTAL	*97.5*	*15.4*	*286*	*339*	*391*	*194*	*117*	*95*

	COEFF		**SAMPLE TREES - CF**			# OF TREES REQ.		INF. POP.
SD: 1	VAR.%	S.E.%	LOW	AVG	HIGH	7	9	10
DOUG FIR-T	112.1	17.7	49	60	71			
WHEMLOCK-T	288.0	45.5	3	6	8			
PS FIR-T	405.7	64.2	2	4	7			
TOTAL	*88.3*	*14.0*	*60*	*70*	*80*	*159*	*96*	*78*

	COEFF		**TREES/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1	VAR.%	S.E.%	LOW	AVG	HIGH	7	9	10
DOUG FIR-T	60.1	16.7	151	182	212			
WHEMLOCK-T	164.5	45.6	66	121	177			
PS FIR-T	360.6	100.0	0	11	23			
TOTAL	*54.8*	*15.2*	*267*	*314*	*362*	*61*	*37*	*30*

	COEFF		**BASAL AREA/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1	VAR.%	S.E.%	LOW	AVG	HIGH	7	9	10
DOUG FIR-T	48.9	13.6	188	218	247			
WHEMLOCK-T	146.1	40.5	45	75	106			
PS FIR-T	360.6	100.0	0	13	25			
TOTAL	*31.3*	*8.7*	*279*	*306*	*332*	*20*	*12*	*10*

	COEFF		**NET BF/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1	VAR.%	S.E.%	LOW	AVG	HIGH	7	9	10
DOUG FIR-T	54.3	15.1	33,126	38,998	44,869			
WHEMLOCK-T	140.5	39.0	7,292	11,944	16,597			
PS FIR-T	360.6	100.0		2,575	5,150			
TOTAL	*38.2*	*10.6*	*47,853*	*53,517*	*59,181*	*30*	*18*	*15*

	COEFF		**NET CUFT FT/ACRE**			# OF PLOTS REQ.		INF. POP.
SD: 1	VAR.%	S.E.%	LOW	AVG	HIGH	7	9	10
DOUG FIR-T	52.5	14.5	7,140	8,355	9,570			
WHEMLOCK-T	139.8	38.8	1,494	2,440	3,386			
PS FIR-T	360.6	100.0	0	535	1,070			
TOTAL	*36.9*	*10.2*	*10,170*	*11,330*	*12,491*	*28*	*17*	*14*

TC PSPCSTGR
Eatonville Unit

Species, Sort Grade - Board Foot Volumes (Project)

T15N R06E S16 TyCORR 4.60

Project: BRAIN ST
Acres 4.60

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Date 4/14/2004
Time 12:40:56PM

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	D	2S	60	2.5	18,227	17,774	82		4	64	32			100		32	262	1.64	67.7
DF	T	D	3S	33	2.2	9,766	9,551	44		96	4			0	100		32	82	0.60	116.4
DF	T	D	4S	7	9.5	2,176	1,968	9	73	27			37	20	43		15	14	0.26	136.1
DF	**Totals**			55	2.9	30,169	29,293	135	5	36	40	19	3	1	96		25	91	0.80	320.2
WH	T	D	2S	9	1.1	2,033	2,012	9			88	12			100		32	216	1.30	9.3
WH	T	D	3S	55	1.1	11,934	11,805	54	1	94	5			1	99		32	73	0.47	161.5
WH	T	D	4S	36	2.6	7,649	7,449	34	73	27			19	14	68		17	18	0.23	407.4
WH	**Totals**			40	1.6	21,617	21,265	98	26	62	11	1	7	5	88		21	37	0.36	578.2
CW	T	D	1S	32	6.1	287	269	1			37	63			100		32	310	2.15	.9
CW	T	D	2S	37	9.7	332	300	1		4	28	67		4	96		30	218	1.63	1.4
CW	T	D	4S	31	9.0	277	252	1	6	94			6		94		24	45	0.51	5.6
CW	**Totals**			2	8.3	895	821	4	2	30	22	45	2	2	97		26	104	0.96	7.9
RA	T	D	3S	31	6.4	637	596	3		79	21				100		32	120	0.94	5.0
RA	T	D	4S	69	19.6	1,642	1,320	6	30	70			7	7	86		21	27	0.38	49.1
RA	**Totals**			4	15.9	2,279	1,916	9	20	73	7		5	5	90		22	35	0.45	54.1
RC	T	D	3S	87	12.5	107	93	0			100				100		32	140	1.72	.7
RC	T	D	4S	13		13	13	0		100			100				18	20	0.49	.7
RC	**Totals**			0	11.1	120	107	0		13	88		13		88		25	80	1.28	1.3
SF	T	D	2S	64		161	161	1			100				100		32	160	1.18	1.0
SF	T	D	3S	28		70	70	0		100					100		32	70	0.57	1.0
SF	T	D	4S	8		20	20	0	100				100				19	20	0.24	1.0
SF	**Totals**			0		251	251	1	8	28	64		8		92		28	83	0.73	3.0
Totals					3.0	55,331	53,653	247	14	47	27	12	4	3	93		23	56	0.53	964.7

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	CORR	4.60	34	203	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	34	203	6.0		
CRUISE	34	203	6.0	1,721	11.8
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	100	109.0	16.4	82	40	160.1	30,169	29,293	6,311	6,311
WHEMLOCK-T	87	238.4	10.4	66	31	139.3	21,617	21,265	4,419	4,417
R ALDER-T	11	22.4	12.0	63		17.6	2,279	1,916	541	541
COTWOOD-T	3	2.5	18.9	90		4.8	895	821	196	196
WR CEDAR-T	1	.7	21.0	52		1.6	120	107	42	43
PS FIR-T	1	1.0	17.1	86	0	1.6	251	251	61	61
TOTAL	*203*	*374.1*	*12.6*	*71*		*325.1*	*55,331*	*53,653*	*11,571*	*11,568*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR-T	145.2	10.2	199	221	244			
WHEMLOCK-T	174.6	12.3	48	55	62			
R ALDER-T	449.1	31.5	4	5	7			
COTWOOD-T	918.6	64.5	3	7	12			
WR CEDAR-T	1424.8	100.0		1	2			
PS FIR-T	1424.8	100.0		1	2			
TOTAL	*100.2*	*7.0*	*270*	*291*	*311*	*205*	*124*	*100*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR-T	136.8	9.6	42	46	51			
WHEMLOCK-T	176.1	12.4	10	12	13			
R ALDER-T	458.7	32.2	1	2	2			
COTWOOD-T	910.8	63.9	1	2	3			
WR CEDAR-T	1424.8	100.0		0	1			
PS FIR-T	1424.8	100.0		0	1			
TOTAL	*91.6*	*6.4*	*58*	*62*	*66*	*171*	*104*	*84*

SD: 1	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	92.2	15.8	92	109	126			
WHEMLOCK-T	95.8	16.4	199	238	278			
R ALDER-T	274.3	47.0	12	22	33			
COTWOOD-T	488.3	83.7	0	2	5			
WR CEDAR-T	583.1	100.0		1	1			
PS FIR-T	583.1	100.0	0	1	2			
TOTAL	*59.3*	*10.2*	*336*	*374*	*412*	*72*	*43*	*35*

SD: 1	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	74.4	12.8	140	160	181			
WHEMLOCK-T	84.0	14.4	119	139	159			
R ALDER-T	260.5	44.7	10	18	25			
COTWOOD-T	429.3	73.6	1	5	8			
WR CEDAR-T	583.1	100.0	0	2	3			
PS FIR-T	583.1	100.0	0	2	3			
TOTAL	*33.1*	*5.7*	*307*	*325*	*344*	*22*	*14*	*11*

SD: 1	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	84.0	14.4	25,074	29,293	33,513			
WHEMLOCK-T	87.0	14.9	18,092	21,265	24,438			
R ALDER-T	269.8	46.3	1,030	1,916	2,803			
COTWOOD-T	426.5	73.1	220	821	1,421			
WR CEDAR-T	583.1	100.0		107	213			
PS FIR-T	583.1	100.0	0	251	502			
TOTAL	*41.2*	*7.1*	*49,858*	*53,653*	*57,448*	*35*	*21*	*17*

SD: 1	COEFF VAR.%	S.E.%	NET CUFT FT/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	81.2	13.9	5,432	6,311	7,190			
WHEMLOCK-T	84.7	14.5	3,775	4,417	5,058			
R ALDER-T	263.5	45.2	297	541	786			
COTWOOD-T	425.8	73.0	53	196	339			
WR CEDAR-T	583.1	100.0	0	43	85			
PS FIR-T	583.1	100.0	0	61	122			
TOTAL	*38.7*	*6.6*	*10,800*	*11,568*	*12,336*	*31*	*19*	*15*

TC PSPCSTGR
Eatonville Unit

Species, Sort Grade - Board Foot Volumes (Project)

T15N R06E S16 TyR/W 6.00

Project: BRAIN ST
Acres 6.00

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Date 4/14/2004
Time 12:41:52PM

Spp	S T	So rt	Gr ad	% Net BdFt	Bd. Ft. per Acre Def%	Gross	Net	Total Net MBF	Percent of Net Board Foot Volume: Log Scale Dia. 4-5	6-11	12-16	17+	Log Length 12-20	21-30	31-35	36-99	Average Log Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
DF	T	D	2S	60	2.5	18,227	17,774	107		4	64	32			100		32	262	1.64	67.7
DF	T	D	3S	33	2.2	9,766	9,551	57		96	4			0	100		32	82	0.60	116.4
DF	T	D	4S	7	9.5	2,176	1,968	12	73	27			37	20	43		15	14	0.26	136.1
DF	**Totals**			55	2.9	30,169	29,293	176	5	36	40	19	3	1	96		25	91	0.80	320.2
WH	T	D	2S	9	1.1	2,033	2,012	12			88	12			100		32	216	1.30	9.3
WH	T	D	3S	55	1.1	11,934	11,805	71	1	94	5			1	99		32	73	0.47	161.5
WH	T	D	4S	36	2.6	7,649	7,449	45	73	27			19	14	68		17	18	0.23	407.4
WH	**Totals**			40	1.6	21,617	21,265	128	26	62	11	1	7	5	88		21	37	0.36	578.2
CW	T	D	1S	32	6.1	287	269	2			37	63			100		32	310	2.15	.9
CW	T	D	2S	37	9.7	332	300	2		4	28	67		4	96		30	218	1.63	1.4
CW	T	D	4S	31	9.0	277	252	2	6	94			6		94		24	45	0.51	5.6
CW	**Totals**			2	8.3	895	821	5	2	30	22	45	2	2	97		26	104	0.96	7.9
RA	T	D	3S	31	6.4	637	596	4		79	21				100		32	120	0.94	5.0
RA	T	D	4S	69	19.6	1,642	1,320	8	30	70			7	7	86		21	27	0.38	49.1
RA	**Totals**			4	15.9	2,279	1,916	11	20	73	7		5	5	90		22	35	0.45	54.1
RC	T	D	3S	87	12.5	107	93	1			100				100		32	140	1.72	.7
RC	T	D	4S	13		13	13	0		100			100				18	20	0.49	.7
RC	**Totals**			0	11.1	120	107	1		13	88		13		88		25	80	1.28	1.3
SF	T	D	2S	64		161	161	1			100				100		32	160	1.18	1.0
SF	T	D	3S	28		70	70	0		100					100		32	70	0.57	1.0
SF	T	D	4S	8		20	20	0	100				100				19	20	0.24	1.0
SF	**Totals**			0		251	251	2	8	28	64		8		92		28	83	0.73	3.0
Totals					3.0	55,331	53,653	322	14	47	27	12	4	3	93		23	56	0.53	964.7

TC PSTATS
Eatonville Unit

PROJECT STATISTICS

PROJECT BRAIN ST

DATE 4/14/2004

TWP	RGE	SC	TRACT	TYPE	ACRES	PLOTS	TREES	CuFt	BdFt
15N	06E	16	BRAIN STRAIN	R/W	6.00	34	203	S	W

	PLOTS	TREES	TREES PER PLOT	ESTIMATED TOTAL TREES	PERCENT SAMPLE TREES
TOTAL	34	203	6.0		
CRUISE	34	203	6.0	2,244	9.0
DBH COUNT					
REFOREST					
COUNT					
BLANKS					
100 %					

STAND SUMMARY

	SAMPLE TREES	TREES /ACRE	AVG DBH	BOLE LEN	REL DEN	BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR-T	100	109.0	16.4	82	40	160.1	30,169	29,293	6,311	6,311
WHEMLOCK-T	87	238.4	10.4	66	31	139.3	21,617	21,265	4,419	4,417
R ALDER-T	11	22.4	12.0	63		17.6	2,279	1,916	541	541
COTWOOD-T	3	2.5	18.9	90		4.8	895	821	196	196
WR CEDAR-T	1	.7	21.0	52		1.6	120	107	42	43
PS FIR-T	1	1.0	17.1	86	0	1.6	251	251	61	61
TOTAL	*203*	*374.1*	*12.6*	*71*		*325.1*	*55,331*	*53,653*	*11,571*	*11,568*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - BF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR-T	145.2	10.2	199	221	244			
WHEMLOCK-T	174.6	12.3	48	55	62			
R ALDER-T	449.1	31.5	4	5	7			
COTWOOD-T	918.6	64.5	3	7	12			
WR CEDAR-T	1424.8	100.0		1	2			
PS FIR-T	1424.8	100.0		1	2			
TOTAL	*100.2*	*7.0*	*270*	*291*	*311*	*205*	*124*	*100*

SD: 1	COEFF VAR.%	S.E.%	SAMPLE TREES - CF LOW	AVG	HIGH	# OF TREES REQ. 7	9	INF. POP. 10
DOUG FIR-T	136.8	9.6	42	46	51			
WHEMLOCK-T	176.1	12.4	10	12	13			
R ALDER-T	458.7	32.2	1	2	2			
COTWOOD-T	910.8	63.9	1	2	3			
WR CEDAR-T	1424.8	100.0		0	1			
PS FIR-T	1424.8	100.0		0	1			
TOTAL	*91.6*	*6.4*	*58*	*62*	*66*	*171*	*104*	*84*

SD: 1	COEFF VAR.%	S.E.%	TREES/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	92.2	15.8	92	109	126			
WHEMLOCK-T	95.8	16.4	199	238	278			
R ALDER-T	274.3	47.0	12	22	33			
COTWOOD-T	488.3	83.7	0	2	5			
WR CEDAR-T	583.1	100.0	0	1	1			
PS FIR-T	583.1	100.0	0	1	2			
TOTAL	*59.3*	*10.2*	*336*	*374*	*412*	*72*	*43*	*35*

SD: 1	COEFF VAR.%	S.E.%	BASAL AREA/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	74.4	12.8	140	160	181			
WHEMLOCK-T	84.0	14.4	119	139	159			
R ALDER-T	260.5	44.7	10	18	25			
COTWOOD-T	429.3	73.6	1	5	8			
WR CEDAR-T	583.1	100.0		2	3			
PS FIR-T	583.1	100.0		2	3			
TOTAL	*33.1*	*5.7*	*307*	*325*	*344*	*22*	*14*	*11*

SD: 1	COEFF VAR.%	S.E.%	NET BF/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	84.0	14.4	25,074	29,293	33,513			
WHEMLOCK-T	87.0	14.9	18,092	21,265	24,438			
R ALDER-T	269.8	46.3	1,030	1,916	2,803			
COTWOOD-T	426.5	73.1	220	821	1,421			
WR CEDAR-T	583.1	100.0	0	107	213			
PS FIR-T	583.1	100.0	0	251	502			
TOTAL	*41.2*	*7.1*	*49,858*	*53,653*	*57,448*	*35*	*21*	*17*

SD: 1	COEFF VAR.%	S.E.%	NET CUFT FT/ACRE LOW	AVG	HIGH	# OF PLOTS REQ. 7	9	INF. POP. 10
DOUG FIR-T	81.2	13.9	5,432	6,311	7,190			
WHEMLOCK-T	84.7	14.5	3,775	4,417	5,058			
R ALDER-T	263.5	45.2	297	541	786			
COTWOOD-T	425.8	73.0	53	196	339			
WR CEDAR-T	583.1	100.0		43	85			
PS FIR-T	583.1	100.0	0	61	122			
TOTAL	*38.7*	*6.6*	*10,800*	*11,568*	*12,336*	*31*	*19*	*15*