Oz FY 2015 <u>TIMBER CRUISE REPORT</u>

1. Sale Area Location: <u>Areas 1 and 2</u> are located in portions of Sections 2, 3, and 11 T4N, R7W; W.M., Clatsop County, Oregon.

All timber sale areas are posted with ODF "Timber Sale Boundary", signs and pink ribbon.

2.	Fund Distribution:	Fund:	BOF (100%)
		Tax Code:	8-01 (100%)

3. Sale Acreage by Area:

Area	Harvest Type	Gross Acres	New R/W Acres	Stream Buffer Acres	Existing R/W Acres	Utility Line	Net Acreage
1	MC	23	0	2	1	0	20
2	MC	68	<1	5	3	1	59
TOTALS		91	<1	7	4	1	79

- 4. Cruisers and Cruise Dates: <u>Area 1</u> was cruised by Andrew Arvin, John Choate and Bryce Rogers. <u>Area 2</u> was cruised by Andrew Arvin, Ed Holloran, John Choate, Bryce Rogers, and Jon Long. All areas were cruised in January, 2015.
- 5. Cruise Method and Computation: Cruises used Corvallis MicroTechnology (CMT) data collectors, and were downloaded to the Atterbury <u>Super A.C.E.</u> program in District for computing. See the attached <u>Cruise</u> <u>Design</u> for more details on the cruise method. The cruise calculations were processed in the Astoria District office.

<u>Area 1 (Modified Clear Cut)</u>, was variable plot cruised with a 40 BAF. 27 plots were sampled on a 2 by 3.5 chain spacing, with a count/cruise ratio of 1:1.

<u>Area 2 (Modified Clear Cut)</u>, was variable plot cruised with a 54.4 BAF. 44 plots were sampled on a 3 by 5 chain spacing, with a count/cruise ratio of 2:1.

AREAS	PROJECT	TRACT	CRUISE TYPE
1	OZ	AREA1	00CC, TAKE
2	OZ	AREA2	00CC, TAKE

6. Timber Description:

<u>Area 1 (Modified Clearcut)</u> – This stand is approximately 60 years old, consisting red alder and scattered conifer. This stand averages 18 inches in DBH, with an average height of 54 feet to a merchantable top (6" D.I.B. or 40% of the diameter at 16 feet). The average (net) volume to be harvested is approximately 24 MBF/acre.

<u>Area 2 (Modified Clearcut)</u> – This stand is approximately 62 years old, consisting of mixed conifer stands with patches of red alder. This stand averages 21 inches in DBH, with an average height of 64 feet to a merchantable top (6" D.I.B. or 40% of the diameter at 16 feet). The average (net) volume to be harvested is approximately 44 MBF/acre.

7. Statistical Analysis: (See also "Statistics Reports," attached.)

Area	Target CV	Target SE%	Actual CV	Actual SE%
1	50	10	44	8.6
2	50	8	45	6.7

8. Take Volumes by Species and Log Grades for All Sale Areas by MBF: (See "Species, Sort Grade-Board Feet Volumes (Project)" and the "Stand Table Summary" attached, of the thinning and regeneration harvest areas combined.) Volumes do not include "ingrowth." The majority of defect and breakage was culled out during the cruise.

Species	DBH	Net Vol.	2 Saw	3Saw	4 Saw	Camp Run	% D & B	% Sale
Douglas-fir	23	2,185	1,905	196	84	-	3	71
Hemlock	23	199	123	75	1	-	10	6
Spruce	22	18	5	8	5	-	8	1
Maple	27	5				5	66	<1
TOTAL		2,407						78

Species	DBH	Net Vol.	12"+	10"-11"	8"-9"	6"-7"	% D & B	% Sale	
Red Alder	18	688	318	96	144	130	5	22	

TOTAL NET SAWLOG VOLUME 3,095

Sort breakdown:

Sort			Net	
#	Species	Sort Specifications	MBF	Sale %
1	DF	6"-11" Sawlogs	261	8
2	DF	12"-20" Sawlogs 2S, 3S	1,070	32
3	DF	12"-20" Sawlogs (high quality 2S)	349	11
4	DF	21"+	505	19
5	WH/fir	6"-11" Sawlogs	69	2
6	WH/fir	12"+ Sawlogs	130	4
7	RA	6"+ Sawlogs	688	22
8	SS	6"-20" Sawlogs	18	1
			693	
9	Pulp	2"+ Pulp (includes 5 MBF BM)	Tons	n/a
10	Poles	poles as developed	TBD	up to 10%

*Sort #3 (12"-20" high quality 2S DF) was estimated at 25% of the total 2S DF volume. Surface characteristics for a high quality log sort will have well scattered sound tight knots not to exceed 2" in diameter and may include logs with two larger knots, not to exceed 2½" in diameter. Knots of ¾ and less in diameter will not be a determining factor. Logs will have a ring count of 4 or more per inch in the outer third top end of the log.

Pulp Volume:

Species	Net Tons
All (Primarily RA)	693

*Pulp volume is based on approximately 10% of the alder saw log volume.

9. Prepared by: Jon Long 10. Approved by: Cruise Plans & Maps (4 pages) Species, Sort, Grade Reports (3 pages) Statistics Reports (4 pages) 11. Attachments: Stand Table Summary Reports (2 pages)

Take - Log Stock Table Reports (3 pages)

Date: February 11, 2015

Date: 2015

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CRUISE DESIGN ASTORIA DISTRICT

 Sale Name:
 Oz
 Area(s)
 1

Harvest Type: (MC) Modified Clearcut

Approx. Cruise Acres: <u>20</u> Estimated CV% <u>50</u> Net BF/Acre SE% Objective <u>10</u> Net BF/Acre

Planned Sale Volume : 700 MBF (Area 1) Estimated Sale Area Value/Acre: \$10,000/Ac (30 MBF/Ac.)

A. <u>Cruise Goals</u>: (a) Grade minimum <u>15</u> conifer and <u>70</u> hardwood trees
 (b) Sample <u>29</u> cruise plots (<u>1</u> grade/<u>1</u> count); (c) Other goals (<u>Determine "automark" thinning standards; <u>X</u> Determine log grades for sale value; <u>X</u> Determine snag and leave tree species and sizes.
</u>

B. Cruise Design:

1. Plot Cruises: BAF <u>40</u> (Full point; Half point) (circle one)

 Cruise Line Directions
 0° / 180°

 Cruise Line Spacing
 3 ½ (chains)

 Cruise Plot Spacing
 2 (chains)

 Grade/Count Ratio
 1/1

<u>Take plots as marked on cruise map. All cedar will be reserved.</u> Grade all alder (not camprun). <u>Record all snags as SN.</u>

C. <u>Tree Measurements</u>:

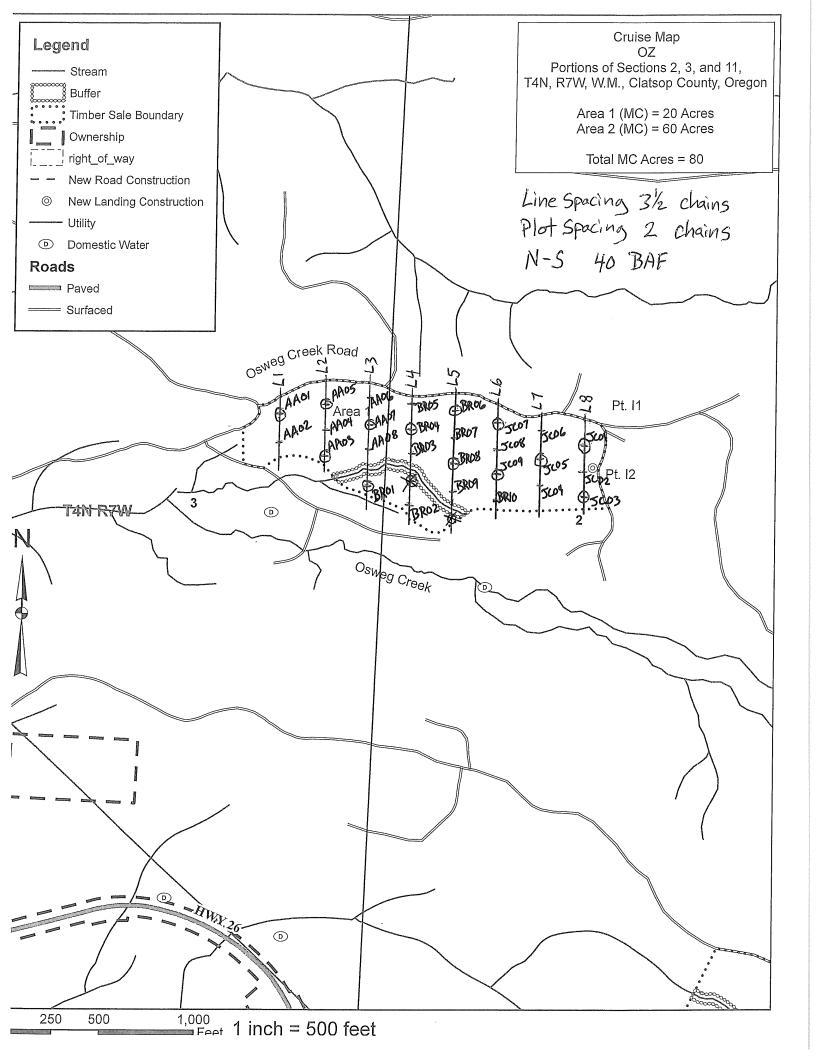
- Diameter: Minimum DBH to cruise is <u>8</u>" for conifers and <u>8</u>" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.
- **2. Bole Length:** Record bole length to nearest foot at TCD. For trees greater than 100 feet in merchantable height, estimating to the nearest 5 feet is acceptable.
- 3. Top Cruise Diameter (TCD): Minimum top outside bark is <u>7</u>" for conifers and <u>7</u>" for hardwoods or <u>40</u>% of dob at 16' form point. Generally, use 7" outside bark for trees < 18" dbh and 40% of dob @ FP for trees > 18" dbh.
- **4. Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.
- 5. Tree Segments: Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch. segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree.

6. Species, Sort, and Grade Codes:

- A. <u>Species</u>: Record as D (Douglas-fir); H (Western hemlock); S (Sitka Spruce); C (Western red cedar); NF (Noble fir); SF (Silver fir); A (Red alder); M (Bigleaf maple). For "leave trees" in partial cuts, or for marked "wildlife trees," add an "L" to the species code (such as DL, HL, CL, etc.)
- B. <u>Sort</u>: Use code "1" (Domestic).
- C. <u>Grade</u>: A = 1 Peeler; B = 2 Peeler; C = 3 Peeler; D = Special Mill; 2 = 2 Sawmill; 3 = 3 Sawmill; 4 = 4 Sawmill; R = Camp Run; 0 = Cull
- D. <u>Alder Grades</u>: 12" + = 1 Sawmill; 10"-12" = 2 Sawmill; 10"-8" = 3 Sawmill; and 8"-6" 4 Sawmill, or R = Camp Run; 0 = Cull.
- 7. Deductions: Estimate visible defect or damage as a "length deduction" (most often), or as a "diameter deduction," as applicable. Estimate hidden defect and breakage (usually some breakage is encountered in trees > 100 feet in height) on a "per tree" basis. Steep and broken topography generally results in higher breakage percentages than gentler topography, and hemlock generally breaks more than D-fir and spruce.
- 8. Standard Field Procedures: <u>Plot Type Cruises</u>: Mark cruise line beginning and end points with <u>blue/yellow</u> flagging. Write plot identification numbers and line direction on the ribbon. At each plot, tie <u>yellow</u> flagging above eye level near plot center and another <u>yellow</u> flagging around a sturdy wooden stake marking plot center. On each <u>yellow</u> flagging, write the plot identification number. Between plots, along the cruise line, tie <u>blue</u> flagging at inter-visible points, not to exceed 100' apart. On "measure/grade" plots write the tree number and/or tree diameter on at least the first measured tree (clockwise from the line direction) in <u>yellow</u> paint. All trees on the plot may be marked this way, if the cruiser chooses.
- **9. Cruising Equipment:** Relaskop, Rangefinder, Logger's Tape (with dbh on back) Biltmore Stick, Compass, Cruise Cards in Tatum OR Data Recorder, Cruise Design, Cruise Map, Yellow Flagging, Blue Flagging, Yellow Paint.
- **10.Attachments:** A. <u>Cruise Map</u> (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.

Cruise Design by	: Jon Long
Approved by:	Mh Titht
Date:	1/16/15

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CRUISE DESIGN ASTORIA DISTRICT

 Sale Name:
 Oz
 Area(s)
 2

Harvest Type: (MC) Modified Clearcut

Approx. Cruise Acres: _60_ Estimated CV% _50_Net BF/Acre SE% Objective 8_ Net BF/Acre

Planned Sale Volume : 2,400 MBF (Area 2) Estimated Sale Area Value/Acre: \$16,000/Ac (40 MBF/Ac.)

A. <u>Cruise Goals</u>: (a) Grade minimum <u>90</u> conifer and <u>10</u> hardwood trees
 (b) Sample <u>46</u> cruise plots (<u>1</u> grade/<u>2</u> count); (c) Other goals (<u>Determine "automark" thinning standards; <u>X</u> Determine log grades for sale value; <u>X</u> Determine snag and leave tree species and sizes.
</u>

B. Cruise Design:

1. Plot Cruises: BAF <u>**54.4**</u> (Full point; Half point) (circle one) Cruise Line Directions 0° / 180°

Cruise Line Spacing <u>5</u> (chains) Cruise Plot Spacing <u>3</u> (chains) Grade/Count Ratio <u>1/2</u>

Take plots as marked on cruise map. Drop plot if it lands in buffers, power line R/W, or outside TSB. All cedar will be reserved. Grade all alder (not camprun). Record all snags as SN.

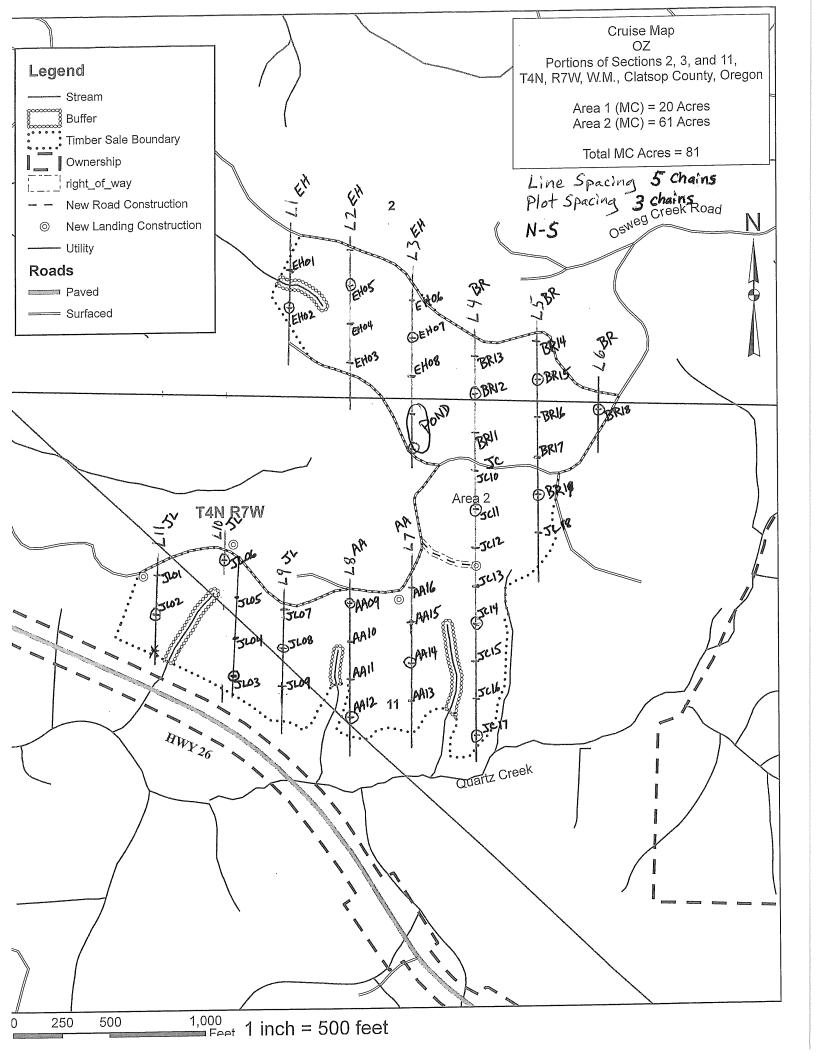
C. Tree Measurements:

- 1. Diameter: Minimum DBH to cruise is <u>8</u>" for conifers and <u>8</u>" for hardwoods. Record dbh to nearest ½" for trees < 16", to nearest 1" for trees 16-24", and to nearest 2" for trees > 24". If tree diameters are estimated (only estimate on variable plot cruises), then record to closest estimate.
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- **4. Form Factors:** (1) Measure or estimate a 16' form factor for every conifer tree measured/graded; OR (2) Measure a minimum of 20 form factors for each major conifer species on the cruise area, and use these to calculate average FF for the species on the cruise. Hardwood form factors are a Standard 87.
- **5. Tree Segments:** Record log segments in "standard" log lengths in general use, such as 32' and 40' lengths, whenever possible. Do not record odd segments just to maximize grade. Cull segments can be any length. For conifers, minimum merchantable segment length is 12'; for hardwoods, it's 8'. Maximum segment length is 40'. One foot of trim is assumed for each merch. segment. Do not use "double dash" (--) feature on the data recorder except for the top segment of the tree.

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- **10.Attachments:** A. <u>Cruise Map</u> (showing cruise unit boundaries, roads, streams, approx. acres/unit, cruise lines and plot locations, legal description and section lines, BAF or plot size, measure/count plot ratio, north arrow, and scale.

Cruise Design	by:	Jon Long	_
Approved by:	Th	Tello.	
Date:		1/26/15	

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TC	PSPCSTGR		S	pecies,	Sort G	rade -	Boar	d Foo	ot Vo	olume	es (P	roject)		r				
	T04N R07W S02 TyTAKE 20.00 T04N R07W S11 TyTAKE 59.00			Project: OZ Acres 79.00]	Page Date Time	1 3/6/201 2:57:0	5		
L		%				1		Perc	Percent of Net Board Foot Volume								Average	e Log	Logs
	S So Gr	Net	Bd. F	t. per Acre	e	Tota	1			ale Dia.			Log L	ength		Ln	Bd	CF/	Per
Spp	T rt ad	BdFt	Def%	Gross	Net	Net MB	F	4-5	6-11	12-16	17+	12-20	21-30	31-35	36-99	Ft	Ft	Lf	/Acre
Α	DOCU		100.0	194												8		0.00	3.3
A	DOCO DO1S	46	3.7	4,177	4,023		318		2	87	12	2	16	27	55	34	236	1.81	17.1
A	DO1S DO2S	14		1,220	1,220		96		77	23			5	44	51	36	148	1.23	8.3
А	DO3S	21	5.5	1,935	1,829		144		97	3		4	3	40	54	34	86	0.89	21.1
Α	DO4S	19	.4	1,649	1,641		130	1	99			33	13	36	18	25	40	0.58	41.3
A	Totals	22	5.0	9,175	8,713		688	0	51	44	5	8	11	34	47	29	96	1.00	91.1
D D D D D	CU DOCU DO2S DO3S DO4S	87 9 4	100.0 1.8 .3 1.5	375 24,565 2,487 1,077	24,111 2,480 1,061		1,905 196 84		1 84 100	33 13	66 3	9 38	1 10 62	9 31	90 51	9 38 32 21	449 96 34	0.00 0.00 2.60 0.98 0.52	.8 2.2 53.7 25.9 30.8
D	Totals	71	3.0	28,504	27,652	2,185	2,184		12	30	58	2	4	11	83	31	244	1.82	113.3
S S S	DO2S DO3S DO4S	28 43 29	12.5 9.0	75 111 67	66 101 67		5 8 5		11 100	100	89	11 21	36	100	89 43	32 30 27	140 305 43	1.50 3.17 0.82	.5 .3 1.6
s	Totals	1	7.6	253	234		18		34	28	38	11	10	28	50	29	99	1.32	2.4
H H H H	DOCU DO2S DO3S DO4S	61 38 1	100.0 1.0 .4	258 1,569 948 13	1,553 944 13		123 75 1	100	90	41 10	59		100	9	100 91	6 40 39 24	453 114 30	0.00 2.49 0.94 0.50	.9 3.4 8.2 .4
Н	Totals	6	10.0	2,787	2,510	199	198 -	1	34	29	37	page	1	3	96	37	193	1.37	13.0
M M	DOCU DO3S Totals	100	100.0 19.4 66.0	103 75 178	61		5		100					63	37	9 35 26	66 41	0.00 1.85 1.61	.5 .9 1.5
Tot		, , , , , , , , , , , , , , , , , , ,	4.2	40,898	39,169	3,095	3,094-	0	22	33	45	3	5	16	76	31	177	1.46	221.2

T TSPCSTGR

Species, Sort Grade - Board Foot Volumes (Type) Project: OZ

																1	l'ime	2:57:0	JSPM
T041 Tw 041		ge	Sec	Tract REA1		Тура ТАІ			Plot 27		Samp	le Tree 72	S	C 1	uFt	T04 BdI W		W S02 7	TAKE
		******	%					Per	cent l	let B	oard Fo	oot Vol	ume			Av	erage l	Log	Logo
Spp		Gr ad	Net BdFt	Bd. Def%	Ft. per A Gross	cre Net	Total Net MBF	L 4-5	og Sc 6-11		ia. 6 17+	Log 12-20	g Ler 21-30	-	36-99	Ln Ft	Bd Ft	CF/ Lf	Logs Per /Acre
А	DO	CU		100.0	424											17		0.00	1.6
А	DO	1S	56	2.4	9,751	9,515	190		3	78	19	3	7	34	55	34	249	1.89	38.2
А	DO	2S	17		2,987	2,987	60		91	9			8	43	48	35	138	1.16	21.6
А	DO	3S	7	4.8	1,281	1,220	24		83	17		7	18	33	42	30	80	0.91	15.3
А	DO	4S	20	.9	3,288	3,259	65	1	99			25	19	21	36	27	41	0.61	80.1
A	Totals		69	4.2	17,733	16,982	340	0	42	46	11	7	10	33	49	30	108	1.08	156.8
D	DO	CU		00.0	152											14		0.00	.8
D	DO	2S	89	1.9	5,156	5,058	101		13	22	65			20	80	37	387	2.25	13.1
D	DO	3S	11		615	615	12		45	8	47	32		21	47	21	77	0.93	8.0
D	Totals		23	4.2	5,922	5,673	113		16	21	63	3		20	77	30	260	1.87	21.8
Н	DO	2S	66		1,205	1,205	24			61	39				100	40	326	1.94	3.7
Н	DO	3S	31	2.9	578	562	11		35	65				62	38	35	105	0.96	5.4
Η	DO	4S	3		50	50	1	100					100			24	30	0.50	1.7
H	Totals		7	.9	1,834	1,817	36	3	11	61	26		3	19	78	35	169	1.30	10.7
S	DO	4S	100		209	209	4		100				46		54	32	49	0.86	4.3
S	Totals		1		209	209	4		100				46		54	32	49	0.86	4.3
Type	Fotals			4.0	25,699	24,681	494	0	35	41	24	6	8	29	58	30	127	1.18	193.6

Т	TSPCSTO	GR			Species	, Sort G Projec	rade - Boa et: OZ	rd Foo	t Vo	olur	nes (T	Гуре)]	Page Date Fime	1 3/6/20 2:57:	
T04N Tw 04N	-	511 T .ge 7W	TAKE Sec 11	Tract AREA2		Тура ТАН			Plots 44		Samp	le Tree 76	8	C 1	CuFt	T04 Bdl W		W S11 '	TTAKE
			%					Perce	nt N	et Bo	oard Fo	oot Voli	ıme			Av	verage]	Log	Ţ
	s _{So}	Gr	Net	Bd.	Ft. per A	cre	Total	Log	Sca	le Di	ia.	Log	g Lei	ngth		Ln	Bd	CF/	– Logs Per
Spp	T rt	ad	BdFt	Def%	Gross	Net	Net MBF	4-5 6	-11	12-1	6 17+	12-20		-	36-99	Ft	Ft	Lf	/Acre
D		CU																0.00	1.
D	DO	CU		100.0	451											8		0.00	2.
D	DO	2S	87	1.8	31,144	30,570	1,804			34	66		1	9	91	38	453	2.62	67.
D	DO	3S	8	.3	3,122	3,112	184		87	13		7	10	32	51	33	97	0.98	31.
D	DO	4S	5	1.5	1,443	1,421	84	1	00			38	62			21	34	0.52	41.
D	Totals		80	2.9	36,159	35,102	2,071		12	31	57	2	4	10	83	31	243	1.82	144.
A	DO	CU		100.0	116											7		0.00	3.
A	DO	1S	36	5.5	2,288	2,161	127			100			29	16	55	35	218	1.71	9.
А	DO	2S	11		621	621	37	:	55	45				45	55	37	166	1.37	3.4
A	DO	3S	34	5.7	2,157	2,035	120	10	00			3		41	56	35	88	0.88	23.
A	DO	4S	19		1,093	1,093	64	10	00			42	7	51		23	39	0.54	28.
A	Totals		13	5.8	6,275	5,910	349		59	41		9	12	34	45	29	86	0.94	68.
Н	DO	CU		100.0	345											6		0.00	1.2
Н	DO	2S	60	1.3	1,692	1,671	99			36	64				100	40	501	2.69	3.3
Н	DO	3S	40		1,073	1,073	63	10	00						100	40	116	0.94	9.2
н	Totals		6	11.8	3,111	2,744	162	3	39	22	39				100	37	199	1.39	13.8
М	DO	CU		00.0	138						_					9		0.00	
М	DO	3S	100	19.4	101	81	5	10	00					63	37	35	66	1.85	1.2
М	Totals		0	66.0	239	81	5	1(00					63	37	26	41	1.61	2.0
s	DO	2S	36	12.5	101	88	5		1	100				100		32	140	1.50	
S	DO	3S	56	9.0	148	135	8	1	1		89	11			89	30	305	3.17	.4
S	DO	4S	8		19	19	1	10	00			100				16	30	0.62	
S -	Totals		1	9.7	268	242	14	1	4	36	49	14		36	49	26	142	1.81	1.7
Гуре Т	otals			4.3	46,051	44,080	2,601	2	20	32	48	3	5	13	79	31	191	1.54	230.5

	ATS				ST proje		STICS OZ			PAGE DATE 3	1 3/6/2015
TWP	RGE	SECT TH	RACT		ТҮРЕ	A	CRES	PLOTS	TREES	CuFt	BdFt
04N	07W	02 Al	REA1		TAKE		20.00	27	138	1	W
							ESTIMATED	P	PERCENT	-	
					TREES		TOTAL	S	AMPLE		
		PLOTS	TREES		PER PLOT		TREES	Т	REES		
TOTA	L	27	138		5.1			****			
CRUI		13	72		5.5		2,247		3.2		
DBH (COUNT						ŕ				
REFO	REST										
COUN	ΤI	14	66		4.7						
BLAN	IKS										
100 %)										
				STA	ND SUMI	MARY					
		SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
R ALI	DER	59	94.7	17.5	52		158.5	17,733	16,982	5,129	5,055
DOUG		7	8.0	25.4	86		28.1	5,922	5,673	1,271	1,242
WHEN	MLOCK	4	5.4	20.1	72		11.9	1,834	1,817	485	485
S SPR	UCE	2	4.3	15.9	34		5.9	209	209	118	118
TOTA	L	72	112.3	18.3	54		204.4	25,699	24,681	7,003	6,901
CL	68.1 68.1 %	TIMES OUT (OF 100 THE	VOLUME			N THE SAMPI			DEO	
			S.E.%	T	SAMPL OW			#	OF TREES	-	INF. POP.
SD: R ALI	1.0	VAR.%									
K ALL		60.8		L		AVG	HIGH		5	10	1
		69.8 74 1	9.1		213	234	255		5	10	1
DOUG	FIR	74.1	9.1 30.1	E	213 738	234 1,056	255 1,374		5	10	1
DOUG WHEN	FIR MLOCK	74.1 124.9	9.1 30.1 71.4	L	213 738 187	234 1,056 655	255 1,374 1,123		5	10	1
DOUG	FIR MLOCK UCE	74.1	9.1 30.1		213 738	234 1,056	255 1,374		5	10 153	
DOUC WHEN S SPR TOTA	FIR MLOCK UCE	74.1 124.9 28.3	9.1 30.1 71.4 26.5		213 738 187 37 284	234 1,056 655 50 <i>332</i>	255 1,374 1,123 63		614	153	1. 66
DOUC WHEN S SPR TOTA	FIR MLOCK UCE L 68.1 %	74.1 124.9 28.3 <i>124.0</i> COEFF	9.1 30.1 71.4 26.5 14.6		213 738 187 37 284 TREES /	234 1,056 655 50 <i>332</i> ACRE	255 1,374 1,123 63 <i>381</i>	#	614 OF PLOTS	<i>153</i> REQ.	66 INF. POP.
DOUC WHEN S SPR TOTA CL: SD:	FIR MLOCK UCE L 68.1 % 1.0	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.%	9.1 30.1 71.4 26.5 <i>14.6</i> S.E.%		213 738 187 37 284 TREES/.	234 1,056 655 50 <i>332</i> ACRE AVG	255 1,374 1,123 63 <i>381</i> HIGH	#	614	153	60 INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALL	FIR MLOCK UCE L 68.1 % 1.0 DER	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1	9.1 30.1 71.4 26.5 <i>14.6</i> S.E.% 11.6		213 738 187 37 284 TREES/. DW 84	234 1,056 655 50 <i>332</i> ACRE AVG 95	255 1,374 1,123 63 <i>381</i> HIGH 106	#	614 OF PLOTS	<i>153</i> REQ.	60 INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALL DOUG	FIR MLOCK UCE L 68.1 % 1.0 DER	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.%	9.1 30.1 71.4 26.5 <i>14.6</i> S.E.%		213 738 187 37 284 TREES/.	234 1,056 655 50 <i>332</i> ACRE AVG	255 1,374 1,123 63 <i>381</i> HIGH	#	614 OF PLOTS	<i>153</i> REQ.	60 INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALL DOUG	FIR MLOCK UCE L 68.1 % 1.0 DER FIR MLOCK	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6	9.1 30.1 71.4 26.5 <i>14.6</i> <u>S.E.%</u> 11.6 41.7		213 738 187 37 284 TREES/. DW 84 5	234 1,056 655 50 <i>332</i> ACRE AVG 95 8	255 1,374 1,123 63 <i>381</i> HIGH 106 11	#	614 OF PLOTS	<i>153</i> REQ.	60 INF. POP.
DOUG WHEN S SPR TOTA CL: SD: R ALC DOUG WHEN	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0	9.1 30.1 71.4 26.5 <i>14.6</i> <u>5.E.%</u> 11.6 41.7 54.9		213 738 187 37 284 TREES/. DW 84 5 2	234 1,056 655 50 332 ACRE AVG 95 8 5	255 1,374 1,123 63 <i>381</i> HIGH 106 11 8	#	614 OF PLOTS	<i>153</i> REQ.	68
DOUC WHEN S SPR TOTA CL: SD: R ALL DOUG WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1		213 738 187 37 284 TREES/. DW 84 5 2 2 101	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112	255 1,374 1,123 63 <i>381</i> HIGH 106 11 8 6 <i>124</i>		614 OF PLOTS 5 119	153 REQ. 10 30	66 INF. POP. 1: 1:
DOUC WHEN S SPR TOTA CL: SD: R ALE DOUG WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE L 68.1 %	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF	9.1 30.1 71.4 26.5 14.6 <u>S.E.%</u> 11.6 41.7 54.9 48.1 10.5	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 2	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA//	255 1,374 1,123 63 <i>381</i> HIGH 106 11 8 6 <i>124</i> ACRE		614 OF PLOTS 5 119 OF PLOTS	153 REQ. 10 30	66 INF. POP. 1.
DOUC WHEN S SPR TOTA CL: SD: R ALL DOUG WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE L 68.1 % 1.0	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112	255 1,374 1,123 63 <i>381</i> HIGH 106 11 8 6 <i>124</i>		614 OF PLOTS 5 119	153 REQ. 10 30 REQ.	64 INF. POP. 1. 1. INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALD DOUG WHEN S SPR TOTA CL: SD:	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE L 68.1 % 1.0 DER	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.%	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.%	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA// AVG	255 1,374 1,123 63 <i>381</i> HIGH 106 11 8 6 <i>124</i> ACRE HIGH		614 OF PLOTS 5 119 OF PLOTS	153 REQ. 10 30 REQ.	60 INF. POP. 1 1. INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALC DOUG WHEN S SPR TOTA CL: SD: R ALC DOUG	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE L 68.1 % 1.0 DER	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/2 AVG 159	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175		614 OF PLOTS 5 119 OF PLOTS	153 REQ. 10 30 REQ.	64 INF. POP. 1. 1. INF. POP.
DOUG WHEN S SPR TOTA CL: SD: R ALE DOUG WHEN S SPR CL: SD: R ALE DOUG S SPR S SPR	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 68.1 % 1.0 DER 5 FIR 4LOCK UCE	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 47.9	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/2 AVG 159 28	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39		614 OF PLOTS 5 119 OF PLOTS	153 REQ. 10 30 REQ.	64 INF. POP. 1. 1. INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALE DOUG WHEN S SPR TOTA CL: SD: R ALE DOUG WHEN	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 68.1 % 1.0 DER 5 FIR 4LOCK UCE	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/A AVG 159 28 12	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18		614 OF PLOTS 5 119 OF PLOTS	153 REQ. 10 30 REQ.	64 INF. POP. 1. 1. INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALC DOUC WHEN S SPR TOTA CL: SD: R ALC DOUC WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 68.1 % 1.0 DER 5 FIR 4LOCK UCE	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4 244.4	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 47.9	LC	213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3 184	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/2 AVG 159 28 12 6 204	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18 9	#	614 OF PLOTS 5 119 OF PLOTS 5	153 REQ. 10 30 REQ. 10 26	64 INF. POP. 1 INF. POP. 1 1
DOUC WHEN S SPR TOTA CL: SD: R ALC DOUC WHEN S SPR TOTA CL: SD: R ALC DOUC WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 1.0 DER FIR MLOCK UCE L 68.1 % 1.0 DER 68.1 %	74.1 124.9 28.3 <i>124.0</i> COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4 244.4 244.4 50.1 COEFF	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 9.8		213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3 184 NET BF	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/2 AVG 159 28 12 6 204 //ACRE	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18 9 225	#	614 OF PLOTS 5 119 OF PLOTS 5 104 OF PLOTS	153 REQ. 10 30 REQ. 10 26 REQ.	6 INF. POP. 1 INF. POP. 1 INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALC DOUG WHEN S SPR TOTA CL: SD: R ALC DOUG WHEN S SPR TOTA CL: S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 1.0 DER FIR MLOCK UCE L 68.1 % 1.0 DER 1.0 DER 1.0 DER 1.0 0 1.0 0 1.0 0 0 1.0 0 0 1.0 0 0 0 1.0 0 0 0 0 0 0 0 0 0 0 0 0 0	74.1 124.9 28.3 124.0 COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4 244.4 244.4 50.1	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 47.9		213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3 184 NET BF/. DW	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/2 AVG 159 28 12 6 204	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18 9	#	614 OF PLOTS 5 119 OF PLOTS 5	153 REQ. 10 30 REQ. 10 26	6 INF. POP. 1 INF. POP. 1 INF. POP.
DOUC WHEN S SPR TOTA CL: SD: R ALC DOUC WHEN S SPR TOTA CL: SD: R ALC DOUC WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 68.1 % 1.0 DER FIR ALOCK UCE 4L 68.1 % 1.0 DER 1.0 DE	74.1 124.9 28.3 124.0 COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4 244.4 244.4 50.1 COEFF VAR.%	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 9.8 S.E.%		213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3 184 NET BF/. DW	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA/2 AVG 159 28 12 6 204 /ACRE AVG	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18 9 225 HIGH	#	614 OF PLOTS 5 119 OF PLOTS 5 104 OF PLOTS	153 REQ. 10 30 REQ. 10 26 REQ.	6 INF. POP. 1 INF. POP. 1 INF. POP.
DOUG WHEN S SPR TOTA CL: SD: R ALE DOUG WHEN S SPR TOTA CL: SD: R ALE DOUG WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 68.1 % 1.0 DER FIR ALOCK UCE 4L 68.1 % 1.0 DER 1.0 DE	74.1 124.9 28.3 124.0 COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4 244.4 244.4 50.1 COEFF VAR.% 65.0	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 9.8 S.E.% 12.7		213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3 184 NET BF, DW 4,817	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA// AVG 159 28 12 6 204 //ACRE AVG 6 204	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18 9 225 HIGH 19,146	#	614 OF PLOTS 5 119 OF PLOTS 5 104 OF PLOTS	153 REQ. 10 30 REQ. 10 26 REQ.	6 INF. POP. 1 INF. POP. 1 INF. POP.
DOUG WHEN S SPR TOTA CL: SD: R ALL DOUG WHEN S SPR TOTA CL: SD: R ALL DOUG WHEN S SPR TOTA	FIR MLOCK UCE 68.1 % 1.0 DER FIR MLOCK UCE 1.0 DER FIR MLOCK UCE 1.0 DER FIR MLOCK UCE 1.0 DER FIR MLOCK UCE 5 FIR MLOCK	74.1 124.9 28.3 124.0 COEFF VAR.% 59.1 212.6 280.0 245.5 53.6 COEFF VAR.% 52.6 192.3 244.4 244.4 244.4 50.1 COEFF VAR.% 65.0 188.4	9.1 30.1 71.4 26.5 14.6 S.E.% 11.6 41.7 54.9 48.1 10.5 S.E.% 10.3 37.7 47.9 47.9 9.8 S.E.% 12.7 36.9		213 738 187 37 284 TREES/. DW 84 5 2 2 101 BASAL . DW 142 18 6 3 184 NET BF, DW 4,817	234 1,056 655 50 332 ACRE AVG 95 8 5 4 112 AREA// AVG 159 28 12 6 204 /ACRE AVG 16,982 5,673	255 1,374 1,123 63 381 HIGH 106 11 8 6 124 ACRE HIGH 175 39 18 9 225 HIGH 19,146 7,768	#	614 OF PLOTS 5 119 OF PLOTS 5 104 OF PLOTS	153 REQ. 10 30 REQ. 10 26 REQ.	6 INF. POP. 1 INF. POP. 1

TC TSTATS			PR	STATIS DJECT	STICS OZ			PAGE DATE	1 3/6/2015
TWP RGE	SECT	TRACT	TY		CRES	PLOTS	TREES	CuFt	BdFt
<u>04N 07W</u>	/ 11	AREA2	ТА	KE	59.00	44	223	1	W
	PLOTS	S TREES	TREE		ESTIMATED TOTAL TREES	S	PERCENT SAMPLE		
TOTAL			PER F		TREES	• .	[REES		
TOTAL CRUISE DBH COUNT REFOREST COUNT BLANKS	44 18 Γ 26	8 76		1 2 6	6,833		1.1		
100 %									
			STAND S	UMMARY					***
	SAMPLE TREES		AVG BOL DBH LE		BASAL AREA	GROSS BF/AC	NET BF/AC	GROSS CF/AC	NET CF/AC
DOUG FIR		51 65.0	23.1	72	189.3	36,159	35,102	8,312	
R ALDER WHEMLOCK		42.5 4 6.3	16.2 23.3	49 84	60.6	6,275	5,910 2,744	1,873	
BL MAPLE	•	4 6.3 2 1.2	23.3 27.2	84 42	18.6 4.9	3,111 239	2,744 81	768 102	
S SPRUCE		2 1.2 2 .8	27.2	42 53	4.9 2.5	239	81 242	102 79	
TOTAL		2 .8 76 115.8		55 64	2.5	46,051	44,080	11,133	10,943
CL: 68.1 %	o COI	FFF			ādire izverste se				
				IPLE TREI		#	OF TREES	REQ.	INF. POP.
SD: 1.0	VA	R.% S.E.%	LOW	AVG	HIGH	#	OF TREES 5	REQ. 10	
SD: 1.0 DOUG FIR	VA1 63	R.% S.E.%	LOW 804	AVG 881	HIGH 959	#			
SD: 1.0	VA1 63 61	R.%S.E.%.08.8.715.4	LOW 804 145	AVG 881 171	HIGH 959 198	#			
SD: 1.0 DOUG FIR R ALDER	VA1 63 61	R.%S.E.%.08.8.715.4.237.8	LOW 804	AVG 881	HIGH 959	#			
SD: 1.0 DOUG FIR R ALDER WHEMLOCK	VA 63 61 66	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2	LOW 804 145 425	AVG 881 171 683	HIGH 959 198 940	#			
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE	VA 63 61 66 10	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7	LOW 804 145 425 58	AVG 881 171 683 65	HIGH 959 198 940 72	#			15
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE	VA) 63 61 66 10 79 82.	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5	LOW 804 145 425 58 99 613	AVG 881 171 683 65 390	HIGH 959 198 940 72 681		5	10 69	15
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0	VA 63 61 66 10 79 82. COI VAI	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF S.E.%	LOW 804 145 425 58 99 613 TRE LOW	AVG 881 171 683 65 390 678 CES/ACRE AVG	HIGH 959 198 940 72 681 742 HIGH		5 275	10 69	<u> </u>
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR	VA 63 61 66 10 79 82. COI VAI 81	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF R.% S.E.% .3	LOW 804 145 425 58 99 613 TRE LOW 57	AVG 881 171 683 65 390 678 CES/ACRE AVG 65	HIGH 959 198 940 72 681 742 HIGH 73		5 275 OF PLOTS	10 69 REQ.	15 31 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER	VA 63 61 66 10 79 82. COI VAI 81 143	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 3.12.2 .6 21.6	LOW 804 145 425 58 99 <i>613</i> TRE LOW 57 33	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42	HIGH 959 198 940 72 681 742 HIGH 73 52		5 275 OF PLOTS	10 69 REQ.	15 31 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK	VA 63 61 66 10 79 82. COI VAI 81 143 5 248	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 3 .3 12.2 .6 21.6 .7 37.5	LOW 804 145 425 58 99 613 TRE LOW 57	AVG 881 171 683 65 390 678 CES/ACRE AVG 65	HIGH 959 198 940 72 681 742 HIGH 73 52 9		5 275 OF PLOTS	10 69 REQ.	15 31 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER	VA 63 61 66 10 79 82. COI VAI 81 143	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42	HIGH 959 198 940 72 681 742 HIGH 73 52		5 275 OF PLOTS	10 69 REQ.	15 31 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE	VAI 63 61 66 10 79 82. COI VAI 81 143 248 322	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF R.% .3 12.2 .6 21.6 .7 37.5 .7 48.6 .3 99.9	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2		5 275 OF PLOTS	10 69 REQ.	15 31 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE	VA) 63 61 10 79 82. COI VA) 81 143 248 322 663 50.	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF R.% S.E.% 3 .3 12.2 .6 21.6 .7 48.6 .3 99.9 9 7.7	LOW 804 145 425 58 99 613 TRF LOW 57 33 4 1 0 107	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 2 2 2 125	#	5 275 OF PLOTS 5	10 69 REQ. 10 26	15 31 INF. POP. 15
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL	VA) 63 61 10 79 82. COI VA) 81 143 248 322 663 50.	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 3 .3 12.2 .6 21.6 .7 48.6 .3 99.9 .9 7.7 EFF 3	LOW 804 145 425 58 99 613 TRF LOW 57 33 4 1 0 107	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA /	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 2 125 ACRE	#	5 275 OF PLOTS 5 103 OF PLOTS	10 69 REQ. 10 26 REQ.	15 31 INF. POP. 15 11 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 %	VAI 63 61 10 79 82. COI VAI 81 143 248 322 663 50. COF	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 3 .3 12.2 .6 21.6 .7 48.6 .3 99.9 .9 7.7 EFF EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 2 2 2 125	#	5 275 OF PLOTS 5	10 69 REQ. 10 26	15 31 INF. POP. 15 11 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER	VAI 63 61 66 10 79 82. VAI 81 143 248 322 663 50. COF VAI 66 138	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA /A AVG 189 61	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 2 125 ACRE HIGH 208 73	#	5 275 OF PLOTS 5 103 OF PLOTS	10 69 REQ. 10 26 REQ.	15 31 INF. POP. 15 11 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK	VAI 63 61 10 79 82. COI VAI 81 143 2248 322 663 50. COI VAI 663 138 236	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA / AVG 189 61 19	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25	#	5 275 OF PLOTS 5 103 OF PLOTS	10 69 REQ. 10 26 REQ.	15 31 INF. POP. 15 11 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE	VAI 63 61 66 10 79 82. COI VAI 81 143 22 663 50. COI VAI 663 50. COI VAI 666 138 236 319	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA/A AVG 189 61 19 5	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7	#	5 275 OF PLOTS 5 103 OF PLOTS	10 69 REQ. 10 26 REQ.	15 31 INF. POP. 15 11 INF. POP.
SD:1.0 $DOUG$ FIRR ALDERWHEMLOCKBL MAPLES SPRUCE $TOT + L$ CL: 68.1% SD:1.0 $DOUG$ FIRR ALDERWHEMLOCKBL MAPLES SPRUCE $TOT + L$ CL: 68.1% SD:1.0DOUG FIRR ALDERWHEMLOCKBL MAPLESD:1.0DOUG FIRR ALDERWHEMLOCKBL MAPLESD:1.0DOUG FIRR ALDERWHEMLOCKBL MAPLES SPRUCE	VAI 63 61 66 10 79 82. COI VAI 81 143 228 322 663 50. COF VAI 66 138 236 319 663	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 0 107 BAS LOW 170 48 12 3 0	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA/ AVG 189 61 19 5 2	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5	#	5 275 OF PLOTS 5 103 OF PLOTS 5	10 69 REQ. 10 26 REQ. 10	15 31 INF. POP. 15 INF. POP. 15
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL	VAI 63 61 66 10 79 82. COI VAI 81 143 2248 322 663 50. COF VAI 663 319 663 37.	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260	AVG 881 171 683 65 390 678 ES/ACRE AVG 65 42 6 1 1 <i>116</i> AL AREA / AVG 189 61 19 5 2 <i>276</i>	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7	#	5 275 OF PLOTS 5 103 OF PLOTS 5 55	10 69 REQ. 10 26 REQ. 10 14	15 31 INF. POP. 15 INF. POP. 15 6
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 %	VAI 63 61 66 10 79 82. VAI 81 143 248 322 663 50. COF VAI 66 138 236 319 663 37. COF	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 8 .3 12.2 .6 21.6 .7 37.5 .7 48.6 .3 99.9 .7 48.6 .3 99.9 .7 7 EFF 8.% S.E.% 4.10.0 .6 20.9 .2 35.6 .9 48.2 .3 99.9 .2 5.6 EFF 5.6	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260 NET	AVG 881 171 683 65 390 678 EES/ACRE AVG 65 42 6 1 1 116 AL AREA / AVG 189 61 19 5 2 276 BF/ACRE	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5 291	#	5 275 OF PLOTS 5 0F PLOTS 5 0F PLOTS	10 69 REQ. 10 26 REQ. 10 14 REQ.	15 31 INF. POP. 15 11 INF. POP. 15 6 INF. POP.
SD:1.0 $DOUG$ FIRR ALDERWHEMLOCKBL MAPLES SPRUCE $TOTAL$ CL: 68.1 %SD:1.0 $DOUG$ FIRR ALDERWHEMLOCKBL MAPLES SPRUCE $TOTAL$ CL: 68.1 %SD:1.0DOUG FIRR ALDERWHEMLOCKBL MAPLESD:1.0DOUG FIRR ALDERWHEMLOCKBL MAPLES SPRUCETOTALCL: 68.1 %SD:1.0	VAI 63 61 66 10 79 82. VAI 81 143 248 322 663 50. COF VAI 66 138 236 319 663 37. COF VAI	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 8 .3 12.2 .6 21.6 .7 37.5 .7 48.6 .3 99.9 9 7.7 EFF 8.% S.E.% 4 .4 10.0 .6 20.9 .2 35.6 .9 48.2 .3 99.9 .2 5.6 EFF 8.% S.E.% S.E.%	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260 NET LOW	AVG 881 171 683 65 390 678 EES/ACRE AVG 65 42 6 1 1 116 AL AREA / AVG 189 61 19 5 2 276 BF/ACRE AVG	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5 291 HIGH	#	5 275 OF PLOTS 5 103 OF PLOTS 5 55	10 69 REQ. 10 26 REQ. 10 14	15 31 INF. POP. 15 11 INF. POP. 15 6 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 %	VAI 63 61 66 10 79 82. VAI 81 143 248 322 663 50. COF VAI 66 138 236 319 663 37. COF	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260 NET	AVG 881 171 683 65 390 678 EES/ACRE AVG 65 42 6 1 1 116 AL AREA / AVG 189 61 19 5 2 276 BF/ACRE	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5 291	#	5 275 OF PLOTS 5 0F PLOTS 5 0F PLOTS	10 69 REQ. 10 26 REQ. 10 14 REQ.	15 31 INF. POP. 15 11 INF. POP. 15 6 INF. POP.
SD:1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ BL MAPLE $S SPRUCE$ $TOT + L$ $CL:$ 68.1 % $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ BL MAPLE $S SPRUCE$ $TOT + L$ $CL:$ 68.1 % $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ BL MAPLE $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ BL MAPLE $S SPRUCE$ $TOT + L$ $CL:$ 68.1 % $SD:$ 1.0 $DOUG$ FIR R 1.0 $DOUG$ FIR $T.0$ $DOUG$ FIR	VAI 63 61 66 10 79 82. VAI 81 143 228 322 663 50. COE VAI 663 319 663 319 663 37. COE VAI 664 138	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 8 R.% S.E.% .3 12.2 .6 21.6 .7 37.5 .7 48.6 .3 99.9 9 7.7 EFF 2 .4 10.0 .6 20.9 .2 35.6 .9 48.2 .3 99.9 .2 5.6 EFF 2 .3 99.9 .2 5.6 EFF 3 .8% S.E.% .3 10.0 .0 20.9	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260 NET LOW 31,597	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA/ AVG 189 61 19 5 2 276 BF/ACRE AVG 35,102	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5 291 HIGH 38,608	#	5 275 OF PLOTS 5 0F PLOTS 5 0F PLOTS	10 69 REQ. 10 26 REQ. 10 14 REQ.	15 31 INF. POP. 15 INF. POP. 15 6 INF. POP.
SD:1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ $BL MAPLE$ $S SPRUCE$ $TOT + L$ $CL:$ 68.1 % $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ $BL MAPLE$ $S SPRUCE$ $TOT + L$ $CL:$ 68.1 % $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ $BL MAPLE$ $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ $BL MAPLE$ $S SPRUCE$ $TOT + L$ $CL:$ 68.1 % $SD:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ $BL MAPLE$ $SU:$ 1.0 $DOUG$ FIR R ALDER $WHEMLOCK$ $BL MAPLE$ $BL MAPLE$	VAI 63 61 66 10 79 82. COI VAI 81 143 228 322 663 50. COF VAI 663 319 663 37. COF VAI 666 138 236 319 663 37. COF VAI 663 325.	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF 2 .3 12.2 .6 21.6 .7 37.5 .7 48.6 .3 99.9 9 7.7 EFF 2 .4 10.0 .6 20.9 .2 35.6 .9 48.2 .3 99.9 .2 5.6 EFF 3 .3 10.0 .0 20.9 .3 35.6	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260 NET LOW 31,597 4,673	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA / AVG 189 61 19 5 2 276 BF/ACRE AVG 35,102 5,910 2,744 81	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5 291 HIGH 38,608 7,147 3,721 121	#	5 275 OF PLOTS 5 0F PLOTS 5 0F PLOTS	10 69 REQ. 10 26 REQ. 10 14 REQ.	15 31 INF. POP. 15 11 INF. POP. 15 6 INF. POP.
SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 1.0 DOUG FIR R ALDER WHEMLOCK BL MAPLE S SPRUCE TOTAL CL: 68.1 % SD: 0.0 DOUG FIR R ALDER WHEMLOCK CK 0.0 CK	VAI 63 61 66 10 79 82. COI VAI 81 143 228 322 663 50. COI VAI 663 337. COI VAI 663 319 663. 37. COI VAI 664. 319 663. 37. COI VAI 664. 319 663. 37. COI VAI 664. 319. 665. 319. 665. 326. 236. 236. 236. 236.	R.% S.E.% .0 8.8 .7 15.4 .2 37.8 .9 10.2 .8 74.7 9 9.5 EFF R.% S.E.% .3 12.2 .6 21.6 .7 37.5 .7 48.6 .3 99.9 9 7.7 EFF R.% S.E.% .4 10.0 .6 20.9 .2 35.6 .9 48.2 .3 99.9 .2 5.6 EFF .8.% S.E.% .3 10.0 .0 20.9 .3 10.0 .0 20.9 .3 35.6 .5 49.0 .3 99.9	LOW 804 145 425 58 99 613 TRE LOW 57 33 4 1 0 107 BAS LOW 170 48 12 3 0 260 NET LOW 31,597 4,673 1,767	AVG 881 171 683 65 390 678 CES/ACRE AVG 65 42 6 1 1 116 AL AREA / AVG 189 61 19 5 2 276 BF/ACRE AVG 35,102 5,910 2,744	HIGH 959 198 940 72 681 742 HIGH 73 52 9 2 125 ACRE HIGH 208 73 25 7 5 291 HIGH 38,608 7,147 3,721	#	5 275 OF PLOTS 5 0F PLOTS 5 0F PLOTS	10 69 REQ. 10 26 REQ. 10 14 REQ.	15 31 INF. POP. 15 INF. POP. 15 6

TC PSTATS					OJECT ROJECT	STAT OZ				PAGE DATE	1 3/6/2015
WP RG	E S	SC TRAC	T	ТҮРЕ		A	CRES	PLOTS	TREES	CuFt	BdFt
04N 07 04N 07W		02 AREA1 11 AREA2		TAKE TAKE			79.00	71	361	1	W
					TREES		ESTIMATED TOTAL		PERCENT SAMPLE		
		PLOTS	TREES		PER PLOT	Г	TREES		TREES		
TOTAL		71	361		5.1						
CRUISE		31	148		4.8		9,080		1.6		
DBH COUI	NT										
REFOREST	Г				5.0						
COUNT		40	211		5.3						
BLANKS 100 %											
100 /0				STA	AND SUM	MARY					
		SAMPLE	TREES	AVG	BOLE	REL	BASAL	GROSS	NET	GROSS	NET
		TREES	/ACRE	DBH	LEN	DEN	AREA	BF/AC	BF/AC	CF/AC	CF/AC
R ALDER		76	55.7	16.8	50		85.4	9,175		2,697	2,658
K ALDER DOUG FIR		58	50.5	23.2	73		148.5	28,504	,	6,530	6,462
WHEMLO		8	6.1	22.6	81		16.9	2,787	,	696	650
S SPRUCE		4	1.7	18.9	41		3.3	253	234	89	89
BL MAPLE		2	.9	27.2	42		3.7	178	61	76	60
TOTAL		148	114.9	20.3	62		257.8	40,898	39,169	10,088	9,920
	ENCE 68.1		THE SAMP				HIN THE SAM				
CL 68.1		COEFI				E TREE		Ŧ	# OF TREES		INF. POP.
SD: 1.0	0	VAR.%		I	LOW	AVG	HIGH		5	10	1
R ALDER											
		70.0	8.0		202	220	238				
DOUG FIR		64.4	8.5		826	902	978				
DOUG FIR WHEMDQO	СК	64.4 91.5	8.5 34.5		826 438	902 669	978 900				
DOUG FIR WHEMDO S SPRUCE	СК	64.4 91.5 121.0	8.5 34.5 69.1		826 438 68	902 669 220	978 900 372				
DOUG FIR WHEMDQO	СК	64.4 91.5 121.0 10.9	8.5 34.5 69.1 10.2		826 438	902 669	978 900		420	105	4
DOUG FIR WHEMDOO S SPRUCE BL MAPLE TOTAL	СК	64.4 91.5 121.0 10.9 102.5	8.5 34.5 69.1 10.2 8.4		826 438 68 58 467	902 669 220 65 509	978 900 372 72				
DOUG FIR WHEMDOO S SPRUCE BL MAPLE	СК	64.4 91.5 121.0 10.9	8.5 34.5 69.1 10.2 8.4	I	826 438 68 58	902 669 220 65 509	978 900 372 72	3	420 # OF PLOTS 5		INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER	СК Е	64.4 91.5 121.0 10.9 102.5 COEF4 VAR.9 111.7	8.5 34.5 69.1 10.2 8.4 5 6 5 .E.% 13.2	L	826 438 68 58 467 TREES _OW 48	902 669 220 65 509 /ACRE AVG 56	978 900 372 72 552 HIGH 63		# OF PLOTS	REQ.	47 INF. POP. 13
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR	СК 3 1 0	64.4 91.5 121.0 10.9 102.5 COEFN VAR.9 111.7 122.1	8.5 34.5 69.1 10.2 8.4	1	826 438 68 58 467 TREES LOW 48 43	902 669 220 65 509 /ACRE AVG 56 51	978 900 372 72 552 HIGH 63 58		# OF PLOTS	REQ.	INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG	СК 3 1 0 СК	64.4 91.5 121.0 10.9 102.5 COEF4 VAR.9 111.7 122.1 265.8	8.5 34.5 69.1 10.2 8.4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		826 438 68 58 467 TREES LOW 48 43 4	902 669 220 65 509 /ACRE AVG 56 51 6	978 900 372 72 552 HIGH 63 58 8	;	# OF PLOTS	REQ.	INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE	CK 1 D CK	64.4 91.5 121.0 10.9 102.5 COEF4 VAR.9 111.7 122.1 265.8 400.1	8.5 34.5 69.1 10.2 8.4 5 5.E.% 13.2 14.5 31.5 47.4		826 438 68 58 467 TREES LOW 48 43 4 1	902 669 220 65 509 /ACRE AVG 56 51 6 2	978 900 372 72 552 HIGH 63 58 8 3	3	# OF PLOTS	REQ.	INF. POP.
DOUG FIR WHEMDOU S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE	CK 1 D CK	64.4 91.5 121.0 10.9 102.5 COEPH VAR.9 111.7 122.1 265.8 400.1 415.7	8.5 34.5 69.1 10.2 8.4 5 5 5 5 43.2 14.5 31.5 47.4 49.3		826 438 68 58 467 TREES LOW 48 43 4 1 0	902 669 220 65 509 /ACRE AVG 56 51 6 2 1	978 900 372 72 552 HIGH 63 58 8 3 1		# OF PLOTS 5	REQ. 10	INF. POP. 1:
DOUG FIR WHEMBOO S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE TOTAL	СК 3 1 0 СК	64.4 91.5 121.0 10.9 102.5 COEFN VAR.9 111.7 122.1 265.8 400.1 415.7 59.6	8.5 34.5 69.1 10.2 8.4	I	826 438 68 58 467 TREES -OW 48 43 4 1 0 107	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115	978 900 372 72 552 HIGH 63 58 8 3 1 123		# OF PLOTS 5 142	REO. 10 35	INF. POP. 1
CL 68.1 CL 68.1 CL 68.1 CL 68.1 CL 68.1 CL 68.1 CL 68.1 CL 68.1	СК 3 1 0 СК 3 1	64.4 91.5 121.0 10.9 102.5 COEFN VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFN	8.5 34.5 69.1 10.2 8.4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		826 438 68 58 467 TREES 20W 48 43 4 1 0 107 BASAL	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A	978 900 372 72 552 HIGH 63 58 8 3 1 123 CCRE		# OF PLOTS 5 142 # OF PLOTS	REO. 10 35 REO.	INF. POP. 1 10 10 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0	СК 3 1 0 СК 3 1	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9	8.5 34.5 69.1 10.2 8.4 3.5 4.3 2 14.5 31.5 47.4 49.3 7.1 5 6 S.E.%		826 438 68 58 467 TREES 20W 48 43 4 1 0 <i>10</i> BASAL 20W	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG	978 900 372 72 552 HIGH 63 58 8 3 1 123 CRE HIGH		# OF PLOTS 5 142	REO. 10 35	INF. POP. 1 10 10 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER	СК 1 0 СК 3 1 0	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7	8.5 34.5 69.1 10.2 8.4 3.5 4.3 31.5 47.4 49.3 7.1 5 6 S.E.% 12.2		826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL LOW 75	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96		# OF PLOTS 5 142 # OF PLOTS	REO. 10 35 REO.	INF. POP. 1 10 10 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR	СК 3 1 0 ССК 3 3 ССК 3 3 ССК 3 3 ССК 3 3	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7 106.6	8.5 34.5 69.1 10.2 8.4 3.2 14.5 31.5 47.4 49.3 7.1 5 6 S.E.% 12.2 12.6		826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL LOW 75 130	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVO 85 149	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 467		# OF PLOTS 5 142 # OF PLOTS	REO. 10 35 REO.	INF. POP. 1 1 INF. POP.
DOUG FIR WHEMDOUS S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO	ск 3 1 0 Ск 3 1 0 Ск	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7 106.6 258.7	8.5 34.5 69.1 10.2 8.4 5 5 5 6 5 8.5 13.2 14.5 31.5 47.4 49.3 7.1 5 6 5 8.5.% 12.2 12.6 30.7		826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL LOW 75 130 12	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85 149 17	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22		# OF PLOTS 5 142 # OF PLOTS	REO. 10 35 REO.	INF. POP. 1 1 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE	ск 3 1 0 ск 3 1 0 ск	64.4 91.5 121.0 10.9 102.5 COEF4 VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEF4 VAR.9 102.7 106.6 258.7 495.4	8.5 34.5 69.1 10.2 8.4 3.2 14.5 31.5 47.4 49.3 7.1 5 6 S.E.% 12.2 12.6 30.7 58.7		826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL LOW 75 130 12 1	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVS 85 149 17 3	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22 5		# OF PLOTS 5 142 # OF PLOTS	REO. 10 35 REO.	INF. POP. 1 1 INF. POP.
DOUG FIR WHEMDOUS S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO	ск 3 1 0 ск 3 1 0 ск	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7 106.6 258.7	8.5 34.5 69.1 10.2 8.4 5 5 5 6 5 8.5 13.2 14.5 31.5 47.4 49.3 7.1 5 6 5 8.5.% 12.2 12.6 30.7		826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL LOW 75 130 12	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85 149 17	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22		# OF PLOTS 5 142 # OF PLOTS	REO. 10 35 REO.	INF. POP. 1 <i>I</i> INF. POP. 1
DOUG FIR WHEMDOU S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE BL MAPLE TOTAL	ск 3 ск 3 ск 3 ск	64.4 91.5 121.0 10.9 102.5 COEFI VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFI VAR.9 102.7 106.6 258.7 495.4 412.2	8.5 34.5 69.1 10.2 8.4 3.5 4.4 3.2 14.5 31.5 47.4 49.3 7.1 3.5 47.4 49.3 7.1 3.5 47.4 49.3 7.1 3.5 47.4 49.3 7.1 3.5 47.4 49.3 7.1 3.5 47.4 49.3 7.1 3.5 4.5 4.5 4.5 4.5 4.5 4.5 4.5 4		826 438 68 58 467 TREES OW 48 43 4 1 0 107 BASAL .OW 75 130 12 1 2 241	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85 149 17 3 4	978 900 372 72 552 HIGH 63 58 8 3 1 123 CRE HIGH 96 167 22 5 6	;	# OF PLOTS 5 <i>142</i> # OF PLOTS 5	REQ. 10 35 REQ. 10 31	INF. POP. 1 INF. POP. 1 <i>1</i>
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL	ск 1 2 ск 3 ск 3 ск 3 ск 3 ск	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7 106.6 258.7 495.4 412.2 55.3	8.5 34.5 69.1 10.2 8.4 3.4 5 5 5 5 5 5 5 5 5 5 5 5 5	1	826 438 68 58 467 TREES OW 48 43 4 1 0 107 BASAL .OW 75 130 12 1 2 241	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AVG 85 149 17 3 4 258	978 900 372 72 552 HIGH 63 58 8 3 1 123 CRE HIGH 96 167 22 5 6	;	# OF PLOTS 5 <i>142</i> # OF PLOTS 5 <i>122</i>	REQ. 10 35 REQ. 10 31	INF. POP. 1 INF. POP. 1 INF. POP.
DOUG FIR WHEMDOU S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOO S SPRUCE BL MAPLE TOTAL CL 68.1	ск 1 2 ск 3 ск 3 ск 3 ск 3 ск	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7 106.6 258.7 495.4 412.2 55.3 COEFH	8.5 34.5 69.1 10.2 8.4 3.4 5 5 5 5 5 5 5 5 5 5 5 5 5	1	826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL COW 75 130 12 1 2 241 NET BI	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AVG 85 149 17 3 4 258 F/ACRE	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 67 22 5 6 275	;	# OF PLOTS 5 142 # OF PLOTS 5 122 # OF PLOTS	REQ. 10 35 REQ. 10 31 REQ.	INF. POP. 1 INF. POP. 1 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0	ск 1 2 ск 3 ск 3 ск 3 ск 3 ск 3 ск 3 ск 3 ск 3 ск 3 ск 3 ск 3 ск 5 ск ск 5 ск 5 ск ск 5 ск 5 ск 5 ск 5 ск 5 ск ск ск ск ск ск ск ск ск ск	64.4 91.5 121.0 10.9 102.5 COEFH VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFH VAR.9 102.7 106.6 258.7 495.4 412.2 55.3 COEFH VAR.9	8.5 34.5 69.1 10.2 8.4 31.5 6 S.E.% 13.2 14.5 31.5 47.4 49.3 7.1 7 6 S.E.% 12.2 12.6 30.7 58.7 48.9 6.6 7 6 S.E.% 6.6		826 438 68 58 467 TREES LOW 48 43 4 1 0 107 BASAL LOW 75 130 12 1 2 241 NET BI LOW	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVO 85 149 17 3 4 258 F/ACRE AVG	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22 5 6 275 HIGH	;	# OF PLOTS 5 142 # OF PLOTS 5 122 # OF PLOTS	REQ. 10 35 REQ. 10 31 REQ.	INF. POP. 1: 10 INF. POP. 1: 12 14 14 14 14 14 14 14 14 14 14
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER	ск 1 С С С С С С С С С С С С С	64.4 91.5 121.0 10.9 102.5 COEF4 VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEF4 VAR.9 102.7 106.6 258.7 495.4 412.2 55.3 COEF4 VAR.9	8.5 34.5 69.1 10.2 8.4 5 6 13.2 14.5 31.5 47.4 49.3 7.1 6 S.E.% 12.2 12.6 30.7 58.7 48.9 6.6 7 6 S.E.% 12.5		826 438 68 58 467 TREES OW 48 43 4 1 0 107 BASAL OW 75 130 12 1 2 241 NET BI OW 7,623	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85 149 17 3 4 258 7/ACRE AVG 8,713	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22 5 6 275 HIGH 9,803	;	# OF PLOTS 5 142 # OF PLOTS 5 122 # OF PLOTS	REQ. 10 35 REQ. 10 31 REQ.	INF. POP. 1 INF. POP. 1 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR	ск 3 1 0 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 3 СК 5 СК СК СК СК СК СК СК СК СС СК СС СК СС СК СС СК СС СК СС СК СС СК СС СК СС СК СС СК СС СК СС СС	64.4 91.5 121.0 10.9 102.5 COEF4 VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEF4 VAR.9 102.7 106.6 258.7 495.4 412.2 55.3 COEF4 VAR.9 105.5 105.9 257.0 655.5	8.5 34.5 69.1 10.2 8.4 5 6 13.2 14.5 31.5 47.4 49.3 7.1 7 6 S.E.% 12.2 12.6 30.7 58.7 48.9 6.6 7 6 S.E.% 12.5 12.6		826 438 68 58 467 TREES OW 48 43 4 1 0 107 BASAL OW 75 130 12 1 2 241 NET BI OW 7,623 24,181	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85 149 17 3 4 258 5/ACRE AVG 8,713 27,652 2,510 234	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22 5 6 275 HIGH 9,803 31,123 3,275 415	;	# OF PLOTS 5 142 # OF PLOTS 5 122 # OF PLOTS	REQ. 10 35 REQ. 10 31 REQ.	INF. POP. 1 INF. POP. 1 INF. POP.
DOUG FIR WHEMDOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE BL MAPLE TOTAL CL 68.1 SD: 1.0 R ALDER DOUG FIR WHEMLOG S SPRUCE	ск 3 1 0 СК 3 СК 3 СК 3 СК 3 СК 3 СК	64.4 91.5 121.0 10.9 102.5 COEFI VAR.9 111.7 122.1 265.8 400.1 415.7 59.6 COEFI VAR.9 102.7 106.6 258.7 495.4 412.2 55.3 COEFI VAR.9 105.5 105.9 257.0	8.5 34.5 69.1 10.2 8.4 5 6 13.2 14.5 31.5 47.4 49.3 7.1 7 6 S.E.% 12.2 12.6 30.7 58.7 48.9 6.6 7 6 S.E.% 12.5 12.6 30.5		826 438 68 58 467 TREES OW 48 43 4 1 0 107 BASAL OW 75 130 12 1 2 241 NET BI OW 7,623 24,181 1,745 52 30	902 669 220 65 509 /ACRE AVG 56 51 6 2 1 115 AREA/A AVG 85 149 17 3 4 258 5/ACRE AVG 8,713 27,652 2,510	978 900 372 72 552 HIGH 63 58 8 3 1 123 ACRE HIGH 96 167 22 5 6 275 HIGH 9,803 31,123 3,275	;	# OF PLOTS 5 142 # OF PLOTS 5 122 # OF PLOTS	REQ. 10 35 REQ. 10 31 REQ.	INF. POP.

TC PLC	OGSTVB					Log	Stock	K Table	- MB	F							
	R07W S02 7 R07W S11 7).00).00		Proj Acre		OZ	79	.00					Page Date Time		2 5/2015 57:03PM
s			Gross	Def	Net	%		ľ	Net Volu	ume by	Scalin	g Dian	neter in]	Inches			
S pp Т	rt de	Len	MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-20	21-23	24-29	30-39 40+
D	DO 3S	12	1		1	.0			1								
D	DO 3S	16	6		6	.3			1	1	4	1					
D	DO 3S	20	10		10	.5				5	3	3					
D	DO 3S	22	4		4	.2				4							
D	DO 3S	24	15		15	.7					11	4					
D	DO 3S	32	61		61	2.8			18	4	38						
D	DO 3S	36	9		9	.4			5	5							
D	DO 3S	40	91		90	4.1			12	11	44	17			6		
D	DO 4S	12	5		5	.2			1	3							
D	DO 4S	14	3		3	.1				3							
D	DO 4S	16	14		14	.6			9	6							
D	DO 4S	18	6		6	.3				4	3						
D	DO 4S	20	4		4	.2				4							
D	DO 4S	22	6		6	.3			4	2							
D	DO 4S	24	34	3.8	33	1.5			25	3	5						
D	DO 4S	30	13		13	.6			13								
D	Totals		2,252	3.0	2,184	70.6			87	54	120	226	212	981	81	409	14
S	DO 2S	32	6	12.5	5	28.1						5					
S	DO 3S	20	1		1	5.0					1						
S	DO 3S	40	8	10.0	7									7			
S	DO 4S	16	1		1	6.0			1								
S	DO 15 DO 4S	26	2		2				2								
S	DO 45	40	2		2				2								
S	Totals		20	7.6	18	.6	<u>1 </u>		5		1	5		7			
H	DO CU			100.0								_	-				
Н	DO 2S	40	124	1.0	123	61.9						15	35		63	9	
Н	DO 3S	32	7	4.6	7	3.5			2	dik		5					
Н	DO 3S	40	68		68	34.1			21		44		2				
Н	DO 4S	24	1		1	.5		1				A					
Н	Totals		220	10.0	198	6.4		1	23		44	20	37		63	9	
М	DO CU	9		100.0													
М	DO 3S	32	4	22.2	3	62.7				3							
M	DO 3S	40		14.3	2				2								

TC PLC					LUg	Stock	Table		Т,					Daga		1
	R07W S02 ТуТА R07W S11 ТуТА		0.00 9.00		Proj Acro		OZ	79	9.00					Page Date Time		1 5/2015 57:03PM
s	So Gr Log		Def	Net	%		1	let Vol	ume by	Scalin	g Diar	neter in	Inches			
Spp Т		MBF	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-20	21-23 2	4-29	30-39 40
A	DO CU 7		100.0													
A	DO CU 18		100.0													
A	DO CU 24	4	100.0													
A	DO 1S 16	2	3.4	2	.3						1	1				
A	DO 1S 20	4		4	.7						4					
A	DO 1S 24	9		9	1.3						5		4		ĺ	
A	DO 1S 30	48	12.1	42	6.1						17	20	5			
A	DO 1S 32	86		85	12.4						45	17	23			
A	DO 1S 36	6		6	.9							6				
A	DO 1S 40	175	3.2	169	24.6					5	43	103	17			
A	DO 2S 30	5		5	.7					5						
A	DO 2S 32	42		42	6.2				5	21	17					
A	DO 28 40	49		49	7.1					43	5					
A	DO 3S 16	1		1	.2			1	1							*****
A	DO 3S 20	4		4	.6			1	4							
A	DO 3S 24	1		1	.1				1							
A	DO 3S 30	4		4	.5				4							
A	DO 3S 32	64	10.5	57	8.3			9	28	21						
4	DO 3S 40	79	2.2	78	11.3				52	21	4					
4	DO 4S 16	34		34	5.0			30		5						
4	DO 4S 20	9		9	1.2			9								
4	DO 4S 21	0		0	.1			0								
	DO 4S 24	11		11	1.6			11								
	DO 4S 26	1		1	.1			1								
	DO 4S 30	4		4	.6		1	4								
	DO 4S 32	47	1.2	46	6.7			43	4							
	DO 4S 40	24		24	3.4			20	4					* 101		
4	Totals	725		688	22.2		1	126	101	122	143	148	48			
	DO CU 6		100.0													
	DO CU 10 DO CU 21		100.0 100.0													
í	DO CU 21		100.0													
>	DO 2S 24	10		10	.5						10					
	DO 2S 32	180	1.7	177	8.1					4	86	33	54			
>	DO 2S 40	1,750	1.9	1,717	78.6					9	105	179	927	76 4	09	14

TC P	PLOGSTVB Log Stock Table - MBF																		
		07W S02 07W S1			20.00 59.00		Proj Acre		OZ	79	.00					Page Date Time	3/6	3 5/2015 57:03F	°M
	s	So Gr	Log	Gross	Def	Net	%		1	Net Volu	ime by	Scalin	g Dian	neter in I	Inches				
Spp	Т	rt de	Len	1	%	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-20	21-23	24-29	30-39	40+
М		Tota	ıls	1	4 66.0	5	.2			2	3								
Total		All Spec	eies	3,23	1 4.2	3,094	100.0		2	244	158	287	394	397	1037	145	418	14	

TC TI	.OGSTVB					og Sto oject:	ck Ta	uble - OZ	MBF								
T04N Twp 04N	R07W S Rge 07W	502 T Se 02	e Tra			Type TAK		Acres 20.		Plots 27	Sample	• Tre 72	es]	4N R0' Page Date Γime	1 3/6/2	2 TTAK 015 :02PM
S		-	Gross	%	Net	%			Net Vo	lume b	y Scaling	Dia	meter in	Inche	s		1
Spp T		Len	MBF	Def	MBF	Spc	2-3	4-5	6-7	8-9	10-11 12	2-13	14-15	16-20	21-23	24-29	30-39 40+
A A A	DO CU DO CU DO CU		5 4	100.0 100.0													
A A A A A A A	 DO 1S 	16 20 24 30 32 36 40	2 4 9 6 66 6 101	3.4 17.8 1.2 2.7	2 4 9 5 65 6 99	.6 1.3 2.6 1.5 19.1 1.9 29.0					5	1 4 5 25 21	1 17 6 56	4 5 23 17			
A A A		30 32 40	5 26 29		5 26 29	1.5 7.6 8.5				5	5 21 23	5					
A A A A A A	DO 3SDO 3SDO 3SDO 3S	16 20 24 30 32 40	1 1 4 9 11	11.1 2.1	1 1 4 8 10	.4 .2 1.0 2.4 3.0			1	1 1 4 8 6		4					
A A A A A A A A	 DO 4S DO 4S DO 4S DO 4S DO 4S DO 4S 	16 20 21 24 26 30 32 40	11 5 0 7 1 4 14 24	4.2	11 5 0 7 1 4 13 24	3.2 1.5 .1 1.9 .2 1.3 3.9 6.9		1	111 5 0 7 1 4 10 20	4							
A	Tota	ls	355	4.2	340	68.8		1	58	31	55	66	80	48			
D D	DO CU DO CU		2 1	100.0 100.0													
D D	DO 2S DO 2S		20 83	2.3	20 81	17.6 71.5					4 9	7	11	9 22		13	14
D D D D	DO 3S DO 3S DO 3S DO 3S	16 32	1 3 3 6		1 3 3 6	.5 2.9 2.2 5.1			1 1 3	1	1	1			6		
D	Tota	ls	118	4.2	113	23.0			4	1	14	8	11	31	18	13	14
Н	DO 2S	40	24		24	66.3						15				9	
н Н	DO 3S DO 3S		7 4	4.6	7 4	19.0 11.9			2 2			5	2				
Н	DO 4S	24	1		1	2.8		1									
Н	Tota		37		36	7.4		1	4			20	2			9	
S S	DO 4S DO 4S		2 2		2 2	46.1 53.9			2 2								
S	Tota	ls	4		4	.8			4								
Total All	Species		514	4.0	494	100.0		2	70	32	69	94	93	80	18	22	14

TC 7	TLOGSTVB					og Sto ·oject:	ck T	able - OZ	MBF				*****				
T04M Twp	N R07W S Rge	11 T Se		act		Туре		Acres	1	Plots	Sampl	e Tre	es]	Page	1	ТТАК
04N	07W	1		EA2			E	59.		44		76			Date Time	3/6/20 2:57:	015 02PM
	S So Gr]	-	Gross	%	Net	%	<u> </u>	u	Net V	olume b	y Scalin	g Dia	meter in	Inche	es	****	1
	Γ _{rt de}	Len	MBF	Def	MBF	Spc	2-3	4-5	6-7	8-9	10-11 1	2-13	14-15	16-20	21-23	24-29	30-39 40+
D-	CU																
D D	DO CU DO CU		4 23	100.0 100.0													
D	DO 2S		10	1.0	10	.5						10					
D D		32 40	160 1,667	1.9 1.9	157 1,636	7.6 79.0						79 105		45 905		396	
D		16	3		3	.1				_	3						
D D		20 22	10 4		10 4	.5 .2				5 4	3	3					A -
D	DO 3S	24	15		15	.7				ſ	11	4					
D		32 36	58		58	2.8			16		38						
D D		40	9 85	.7	9 84	.4 4.1			5 12		44	17					
D		12	5		5	.2			1	3							
D D		14 16	3 14		3 14	.1 .7	ļ		9	3							
D		18	6		6	.7			9	6 4	3						
D		20	4		4	.2				4							
D D		22 24	6 34	3.8	6 33	.3 1.6			4 25	2 3	5						
D		30	13	5.0	13	.6			13		5						
D	Total	s	2,133	2.9	2,071	79.6			83	54	106	218	201	950	63	396	
A _	DO CU	7	7	100.0													
A	DO 15		41	11.3	37	10.6						17	20				
A A		32 40	20 73	3.8	20 70	5.8 20.2						20 23	48				
- A	DO 2S	32	17		17	4.8						17					
A _	DO 2S	40	20		20	5.7					20						
A	DO 3S 2 DO 3S		4	10.4	4	1.0			0	4	21						
A A	DO 3S		55 69	10.4 2.2	49 67	14.1 19.3			9	20 46	21 21						
A	DO 4S		23		23	6.7			19		5						
A A	DO 4S DO 4S		4 5		4	1.0 1.4			4								
A	DO 4S		33		33	9.4			33								
A	Totals		370	5.8	349	13.4			68	70	66	76	68				
н –	DO CU		20	100.0													H11
н –	DO 2S		100	1.3	99	60.9							35		63		
H	DO 3S 4		63		63	39.1			19		44						
Н	Totals		184	11.8	162	6.2			19		44		35		63		
M _	DO CU		8	100.0													
M M	DO 3S 2 DO 3S 4		4 2	22.2 14.3	3 2	62.7 37.3			2	3							
М	Totals	3	14	66.0	5	.2			2	3							

TC TI	LOGSTVB				g Sto oject:	ck T	able - OZ									
T04N Twp 04N	0	TTAKE ec Tra 11 ARI			Type TAK	E	Acres 59.		Plots 44	Samp	le Tre 76	es]	IN RO' Page Date Fime	2 3/6/20	TTAK 015 02PM
S	So Gr Log	Gross	%	Net	%			Net Vo	lume b	y Scalin	g Dia	meter i	n Inche	s		
Spp Т	rt de Len	MBF	Def	MBF	Spc	2-3	4-5	6-7	8-9	10-11	12-13	14-15	16-20	21-23	24-29	30-39 40+
S	DO 2S 32	6	12.5	5	36.4						5					
s s	DO 3S 20 DO 3S 40	1 8	10.0	1 7	6.4 49.4					1			7			
s –	DO 4S 16	1		1	7.8			1								
S	Totals	16	9.7	14	.5			1		1	5		7			
Total Al	l Species	2,717	4.3	2,601	100.0			174	127	218	300	304	957	127	396	

	R07W S R07W S	02 TyTA	VE										Date:	3/6/20	15
S	R07W S		N.C.	20.	00		Projec	t O	Z				Time:	2:57:0)4PM
		311 ТуГА	KE	59.	00		Acres		79.0	0			Grown Ye	ar:	
Spc T		Sample	FF	Tot Av	Trees/	BA/	Logs	Averag Net	e Log Net	Tons/	Net Cu.Ft.	Net Bd.Ft.		Totals	
· · · ·	DBH	Trees	16'	Ht	Acre	Acre		Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF
D	9	1	86	50	6.275	2.77	6.27	8.0	30.0		50	188	1	40	15
D	11	2	87	43	8.401	5.54	8.40	12.0	35.0		101	294		80	23
D	17	1	88	97	.646	1.02	1.29	31.0	115.0		40	149		32	12
D	18	1	86	84	1.569	2.77	3.14	29.5	105.0		93 211	329 760		73 167	26 60
D	19	2	87 88	94 134	2.816 1.153	5.54 2.77	5.63 3.46	37.5 41.7	135.0 183.3		144	634		187	50
D	21 22	1 1	88 92	134	.386	1.02	1.16	37.7	165.5		44	193		34	15
D	22	3	92 88	96	2.882	8.32	6.73	47.3	180.0		318	1,211		251	96
D D	23	7	86		6.177	19.40	16.77	50.8	195.3		852	3,274		673	259
D D	25	3	87		1.925	6.56	4.96	53.2	218.6		264	1,085		209	86
D	26	6	86		4.511	16.63	12.03	62.6	255.6		753	3,075		595	243
D	27	4		118	2.348	9.33	7.04	60.5	255.4		426	1,799		336	142
D	28	2	86	132	1.297	5.54	3.89	62.3	275.0		242	1,070		, 192	85
D	29	1	86	124	.604	2.77	1.81	73.3	326.7		133	592		105	47
D	30	5	85	126	2.824	13.86	8.47	77.9	342.0		660	2,897		521	229
D	31	3	81	121	1.587	8.32	4.23	78.0	317.5		330	1,343		261	106
D	32	2	91		.679	3.79	2.04	97.1	495.6		198	1,009		156	80
D	33	2	87		.933	5.54	2.80	96.3	441.7		270	1,237		213	98
D	34	1	92		.161	1.02	.48	96.0	486.7		47	236		37	19
D	35	1	91	136	.415	2.77	1.24	118.3	603.3		147	751		116	59
D	36	2	84		.784	5.54	2.35	116.2	528.3		273	1,243		216 460	98 228
D	37	4	92 70		1.485	11.09	4.46	130.8	677.5		583 131	3,018 556		460 103	238 44
D	41 42	1 1	78 86		.302 .288	2.77 2.77	.91 .58	144.0 186.0	613.3 805.0		107	464		85	37
D D	42 44	1		105	.288	1.02	.38	242.0	1270.0		47	245		37	19
D	Totals	58	87	95	50.543	148.50	110.33	58.6	250.6		6,462	27,652		5,105	2,184
A	12	4	87	51	5.989	4.70	5.99	17.7	55.7		106	333		84	26
A	13	3	86	54	4.365	4.02	4.37	17.9	51.7		78	226		62	18
A	14	10	86	66	8.218	8.79	14.53	18.4	54.4		267	791		211	62
A	15	9	87	57	13.069	16.04	16.35	26.3	76.0		430	1,242		340	98
A	16	2	86	75	2.395	3.34	4.79	24.6	83.0		118	397		93	31
A	17	3	86	73	2.553	4.02	5.11	26.4	88.3		135	451		107	36
A	18	6	86	77	4.554	8.05	9.11	31.4	102.5		286	934		226	74
A	19	7	87	75	3.425	6.74	6.51	35.3	115.8		229	753		181 129	59 44
A	20	7	87 86	77 70	2.182	4.76	3.74 6.41	43.6 40.2	148.3 126.5		163 258	555 811		204	44 64
A	21	6 7	86 86	70 84	3.346 2.555	8.05 6.74	6.41 5.11	40.2 48.8	126.5		238 249	918		204 197	73
A	22 23	7 3	86 86	84 81	2.555 1.395	6.74 4.02	2.79	40.0 53.9	179.0		150	551		1197	43
A A	23 24	4	80 87	89	.866	2.72	1.52	60.0	238.6		91	362		72	29
A A	24	1	86	62	.200	.68	.40	50.5	175.0		20	70		16	6
A A	27	2	87	70	.342	1.36	.68	63.0	227.5		43	156		34	12
A	28	1	86	127	.159	.68	.32	94.0	490.0		30	156		24	12
A	37	1	87	41	.091	.68	.09	47.0	100.0		4	9		3	1
A	Totals	76	87	66	55.704	85.41	87.80	30.3	99.2		2,658	8,713		2,100	688
н	17	2	83		2.674	4.22	5.35	34.1	120.9		182	647		144	51
н	18	1	89	67	.424	.75	.85	27.0	90.0		23	76		18	6
н	19	1		102	.381	.75	.76	44.5	155.0		34	118		27	9
н	20	1		100	1.588	3.47	3.18	48.0	175.0		152	556		120	44
н	37	1		107	.464	3.47	.93	120.5	510.0		112	473		88	37
Н	38	1		107	.440	3.47	.88	129.5	560.0		114	493 147		90 26	39 12
H	42	1	85	103	.078	.75	.16	212.0	940.0		33	147		26	12

ТС	PSTNDS	JM					Stand	Table	Summa	ry			Page Date:	2 3/6/20	15
		502 ТуТА 511 ТуТА		20. 59.			Proje Acres)Z 79.0)0			Time: Grown Ye:	2:57:0 ar:)4PM
S Spc T	DBH	Sample Trees	FF 16'	Tot Av Ht	Trees/ Acre	BA/ Acre	Logs Acre	Averag Net Cu.Ft.	ge Log Net Bd.Ft.	Tons/ Acre	Net Cu.Ft. Acre	Net Bd.Ft. Acre	Tons	T o t a l s Cunits	MBF
Н	Totals	8	85	101	6.050	16.86	12.10	53.8	207.4		650	2,510		514	198
S S S S	15 17 19 32	1 1 1 1	82 82 82 82	34 51 61 74	.611 .476 .469 .165	.75 .75 .92 .92	.61 .48 .94 .33	21.0 36.0 29.0 95.0	40.0 60.0 85.0 305.0		13 17 27 31	24 29 80 101		10 14 22 25	2 2 6 8
S	Totals	4	82	50	1.722	3.35	2.36	37.6	99.2		89	234		70	18
M M	25 30	1	87 86	50 44	.542 .376	1.85 1.85	.54 .38	50.0 87.0	70.0 60.0		27 33	38 23		21 26	3 2
M Totals	Totals	2 148	87 86	48 80	.919 114.938	3.70 257.82	.92 213.50	65.2 46.5	65.9 183.5		60 9,920	61 39,169	ne of California California and a support of the	47	5 3,094

TC T	STNDSU	М					Stan	d Table	Summa	ary					
							Proj	ect	OZ						
T04N Twp 04N	R07W Rge 07W		ГАК Tract ARE	t			Гуре ГАКЕ	Acres 20.00		Plots 27	Sample Trees 72		T04N R Page: Date: Time:	07W S02 TTAK 1 03/06/20 2:57:04PM	
¢,	s	Sample	FF	Av Ht	Trees/	BA/	Logs	Average Log Net Net		Tons/	Net Cu.Ft.	Net Bd.Ft.	Т	otals	
Spc 7	Г <mark> DB</mark> H	Trees	16'	Tot	Acre	Acre	Acre	Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF
А	12	3	87	51	10.263	8.06	10.26	18.7	50.0		192	513		38	10
А	13	2	87	53	5.830	5.37	5.83	21.5	55.0		125	321		25	6
А	14	9	86	65	22.620	24.18	37.70	19.3	59.3		729	2,237		146	45
А	15	4	87	61	1	10.75	13.14	23.0	73.3		302	963		60	19
А	16	1	87	61	1.924	2.69	3.85	21.0	75.0		81	289		16	6
А	17	2	86	68	3.409	5.37	6.82	25.2	85.0		172	580		34	12
А	18	4	86	78	1	10.75	12.16	32.2	107.5		392	1,308		78	26
А	19	6	87	72		16.12	15.01	35.5	112.7		532	1,692		106	34
А	20	7	87	77	8.621		14.78	43.6	148.3		644	2,192		129	44
A	21	4	87	66	4.468		7.82	41.9	118.6		327	927		65	19
А	22	6	86	88		16.12	12.21	50.0	189.2		611	2,310		122	46
A	23	2	87	83	1.862	5.37	3.72	54.8	182.5		204	680		41	14
A	24	4	87	89	3.421		5.99	60.0	238.6		359	1,428		72	29
A	25	1	86	62	.788	2.69	1.58	50.5	175.0		80	276		16	6
A	27	2	87	70	1.351	5.37	2.70	63.0	227.5		170	615		34	12
A	28	1	86	127	.628	2.69	1.26	94.0	490.0		118	616		24	12
A	37	1	87	41	.360	2.69	.36	47.0	100.0		17	36		3	1
A	Totals	59	87	68	94.678	158.52	155.19	32.6	109.4		5,055	16,982		1,011	340
D	17	1	88	97	2.551	4.02	5.10	31.0	115.0		158	587		32	12
D	22	1	92	106	1.523	4.02	4.57	37.7	166.7		172	762		34	15
D	25	1	89	116	1.180	4.02	3.54	51.3	203.3		182	720		36	14
D	27	1	91	106	1.011	4.02	3.03	58.0	263.3		176	799		35	16
D	32	1	91	116	.720	4.02	2.16	86.3	420.0		186	907		37	18
D	34	1	92	116	.638	4.02	1.91	96.0	486.7		184	931		37	19
D	44	1	85	140	.381	4.02	.76	242.0	1270.0		184	967		37	19
D	Totals	7	90	108	8.004	28.15	21.08	58.9	269.1		1,242	5,673		248	113
Н	17	1	88	94	1.880	2.96	3.76	34.5	125.0		130	470		26	9
Н	18	1	89	67	1.677	2.96	3.35	27.0	90.0		91	302		18	6
Η	19	1	88	102	1.505	2.96	3.01	44.5	155.0		134	467		27	9
Η	42	1	85	103	.308	2.96	.62	212.0	940.0		131	579		26	12
H	Totals	4	88	88	5.369	11.85	10.74	45.1	169.2		485	1,817		97	36
S	15	1	82	34	2.414	2.96	2.41	21.0	40.0		51	97		10	2
S	17	1	82	51	1.880	2.96	1.88	36.0	60.0		68	113		14	2
S	Totals	2	82	41	4.294	5.93	4.29	27.6	48.8		118	209		24	4
Totals		72	87	71	112.3462	204.44	191.30	36.1	129.0		6901	24,681		1,380	494

TC TS	STNDSUI	M					Stan	d Table	Summa	ary	Por enclose tablications				
							Proj	ject	OZ		i Fol		0444 martine and a second s		
T04N Twp 04N	R07W Rge 07W	7 S11 T Sec 11	TAKE Tract AREA2			Type TAKE		Acres 59.00		Plots 44	Sample 7		T04N R Page: Date: Time:	07W S11 TTAK 1 03/06/20 2:57:04PM	
S	5	Sample	FF	Av Ht	Trees/	/ BA/	Logs	Average Log Net Net		Tons	Net / Cu.Ft.	Net Bd.Ft.	Т	tals	
Spc 7	Г DBH	Trees	16'	Tot	Acre	Acre		Cu.Ft.	Bd.Ft.	Acre	Acre	Acre	Tons	Cunits	MBF
D	9	1	86	50	8.402	3.71	8.40	8.0	30.0		67	252		40	15
D	11	2	87	43	11.249		11.25	12.0	35.0		135	394		80	23
D	18	1	86	84	2.100		4.20	29.5	105.0		124	441		73	26
D	19	2	87	94	3.770		7.54	37.5	135.0		283	1,018		167	60
D	21	1	88	134			4.63	41.7	183.3		193	849		114	50
D	23	3 7	88	96		11.14	9.01	47.3	180.0		426	1,621		251	96
D D	24 25		86 87	115 110	2.178	25.98 7.42	22.45	50.8	195.3		1,141	4,383		673	259
D	25	2 6	87 86	110		7.42 22.27	5.44 16.11	53.6 62.6	222.0 255.6		292 1,008	1,209 4,118		172 595	71 243
D	20	3	85	118		11.14	8.40	60.8	255.6 254.4		1,008 511	4,118 2,138		395 301	243 126
D	28	2	86	120	1.736		5.21	62.3	275.0		311	1,432		192	85
D	29	1	86	124	.809	3.71	2.43	73.3	326.7		178	793		105	47
D	30	5	85	126	1	18.56	11.34	77.9	342.0		883	3,879		521	229
D	31	3	81	121	2.125		5.67	78.0	317.5		442	1,799		261	106
D	32	1	91	136	.665	3.71	1.99	101.0	523.3		201	1,043		119	62
D	33	2	87	129	1.250	7.42	3.75	96.3	441.7		361	1,656		213	98
D	35	1	91	136	.556	3.71	1.67	118.3	603.3		197	1,006		116	59
D	36	2	84	135	1.050	7.42	3.15	116.2	528.3		366	1,665		216	98
D	37	4	92	136	1.988	14.85	5.97	130.8	677.5		780	4,042		460	238
D	41	1	78	137	.405	3.71	1.21	144.0	613.3		175	745		103	44
D	42	1	86	103	.386	3.71	.77	186.0	805.0		144	621		85	37
D	Totals	51	86	95	64.963		140.59	58.6	249.7		8,232	35,102		4,857	2,071
A	12	1	87	50	4.541	3.57	4.54	17.0	60.0		77	272		46	16
A	13	1	86	55	3.869	3.57	3.87	16.0	50.0		62	193		37	11
A	14	1	86	68	3.336	3.57	6.67	16.5	45.0		110	300		65	18
A	15 16	5 1	87 86	57 78	14.530	17.83 3.57	17.44	27.2	76.7		474	1,337		279	79 26
A A	17	1	86 86	78 76	2.554 2.262	3.57	5.11 4.52	25.5 27.0	85.0 90.0		130 122	434 407		77 72	26 24
A	18	2	86	76	4.036	7.13	4.52 8.07	31.0	100.0		250	807		148	24 48
A	19	1	86	80	1.811	3.57	3.62	35.0	120.0		127	435		75	26
A	21	2	86	72	2.965	7.13	5.93	39.5	130.0		234	771		138	45
A	22	1	86	79	1.351	3.57	2.70	47.0	165.0		127	446		75	26
А	23	1	86	80	1.236	3.57	2.47	53.5	205.0		132	507		78	30
A	Totals	17	86	64	42.492	60.63	64.95	28.4	91.0		1,846	5,910		1,089	349
Н	17	1	82	108	2.944	4.64	5.89	34.0	120.0		200	706		118	42
Н	20	1	92		2.127	4.64	4.25	48.0	175.0		204	744		120	44
Н	37	1	77	107	.621	4.64	1.24	120.5	510.0		150	634		88	37
Н	38	1	77	107	.589	4.64	1.18	129.5	560.0		153	660		90	39
H	Totals	4	84	105	6.281	18.56	12.56	56.3	218.5		707	2,744		417	162
S	19	1	82	61	.628	1.24	1.26	29.0	85.0		36	107		22	6
S	32	1	82	74	.222	1.24	.44	95.0	305.0		42	135		25	8
S	Totals	2	82	64	.850	2.47	1.70	46.2	142.3		79	242		46	14
М	25	1	87	50	.726	2.47	.73	50.0	70.0		36	51		21	3
М	30	1	86	44	.504	2.47	.50	87.0	60.0		44	30		26	2
М	Totals	2	87	48	1.230	4.95	1.23	65.2	65.9		80	81		47	5
Totals	. –	76	86	83	115.8162	275.91	221.03	49.5	199.4		10943	44,080		6,456	2,601