Twin Lakes HT FS Volume Summary

	IC	PP	SP	WF	
Species Comp	**10%**	**63%**	**11%**	**17%**	**100%**

Net MBF

Road Segment	IC	PP	SP	WF	
1N07 West	127	767	130	203	1,227
1N07 East	24	148	25	39	236
1N04	176	1,062	180	281	1,699
1N14	185	1,121	190	297	1,793
Total	512	3,098	525	820	**4,955**

Net CCF

Road Segment	IC	PP	SP	WF	
1N07 West	216	1,170	196	315	**1,898**
1N07 East	42	225	38	61	**365**
1N04	299	1,621	271	436	**2,627**
1N14	316	1,711	286	460	**2,773**
Total	873	4,727	791	1,272	**7,663**

CRUISE REPORT HEADER & CERTIFICATION
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

Year: 2014 Region: 05 Forest: 16 District: 54
Remarks:
FILENAME: C:\Users\jdierberg\Documents\FMSC\Cruise Docs\2013\Rim\Rim Roadside HT Sales\TwinLakesHT_Cruise_FINAL.crz
REPORTS: A1,B1,CP1,CS1,DP1,DS1,R401,R402,R501,TC60,TC62,UC1,
WT1,

********** CRUISE CERTIFICATION **********

I certify that the timber for the TwinLakeHT timber sale
has been designated and cruised by the procedures and standards in
FSH 2409.12, Timber Cruising Handbook. Records of checks are on file
at the District Ranger Office,

_____ _____
RANGER DISTRICT (name of headquarters town)

_____ _____
DISTRICT RANGER DATE

****

Developed and Maintained By:
USDA FOREST SERVICE
WASHINGTON OFFICE TIMBER MANAGEMENT
FORT COLLINS, COLORADO (970)295-5776

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012
NATIONAL CRUISE PROCESSING PROGRAM

VOLUME EQUATION TABLE
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

					PRIMARY PRODUCT *******				SECONDARY PRODUCT ******				
SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	BDFT	CUFT	CORDS	Z SCORE
WF	01	500WO2W015	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
RF	01	500WO2W020	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
IC	01	500WO2W081	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
LP	01	500WO2W108	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
JP	01	500WO2W116	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
SP	01	500WO2W117	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
PP	01	500WO2W122	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
DF	01	500WO2W202	1.0	NO	8.0	YES	YES	NO	1.0	YES	YES	NO	0.000
WF	20	500WO2W015	0.5	NO	1.0	YES	YES	NO	0.0	NO	NO	NO	0.000
RF	20	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	20	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	20	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JP	20	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	20	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	20	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	20	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
WF	08	500WO2W015	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
RF	08	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	08	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	08	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JP	08	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	08	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	08	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	08	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JR	08	500DVEW060	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
WF	07	500WO2W015	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
RF	07	500WO2W020	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	07	500WO2W081	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	07	500WO2W108	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JP	07	500WO2W116	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	07	500WO2W117	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	07	500WO2W122	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	07	500WO2W202	1.0	NO	2.0	NO	YES	NO	0.0	NO	NO	NO	0.000
JR	20	500DVEW060	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
DF	02	500WO2W202	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
PP	02	500WO2W122	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
SP	02	500WO2W117	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
WF	02	500WO2W015	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
RF	02	500WO2W020	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
IC	02	500WO2W081	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000

VOLUME EQUATION TABLE
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

					PRIMARY PRODUCT				SECONDARY PRODUCT				
SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	BDFT	CUFT	CORDS	Z SCORE
JP	02	500WO2W116	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000
LP	02	500WO2W108	0.5	NO	1.0	NO	YES	NO	0.0	NO	NO	NO	0.000

A1: STRATA, UNIT AND PLOT REPORT
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

CRUISE NO.	CUTTING UNIT NO.	CUTTING UNIT ACRES	CUTTING UNIT DESCRIPTION	LOG METHOD	PAYMENT UNIT NO.
7	1	187.00	MV	401	
7	3	304.00	STR	401	
TOTAL SALE ACRES:		491.00			

CRUISE NO.	STRATA NO.	CRUISE METHOD	STRATA ACRES	BAF	PLOT SIZE	NO. OF PLOTS	STRATA DESCRIPTION	DATE MMYYYY
7	MV	PCMTRE	187.00	20.00	0.	32	MED VOL	42014
7	ST	STR	304.00	0.00	0.	0	GREEN	42014

A1: STRATA, UNIT AND PLOT REPORT
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	NULL PLOT?
7	1	1	MV	0	0	
7	2	1	MV	0	0	
7	3	1	MV	0	0	
7	4	1	MV	0	0	
7	5	1	MV	0	0	
7	6	1	MV	0	0	
7	7	1	MV	0	0	
7	8	1	MV	0	0	
7	9	1	MV	0	0	
7	10	1	MV	0	0	
7	16	1	MV	0	0	
7	17	1	MV	0	0	
7	18	1	MV	0	0	
7	19	1	MV	0	0	
7	20	1	MV	0	0	
7	21	1	MV	0	0	
7	22	1	MV	0	0	
7	23	1	MV	0	0	
7	24	1	MV	0	0	YES
7	25	1	MV	0	0	
7	26	1	MV	0	0	
7	27	1	MV	0	0	
7	28	1	MV	0	0	
7	29	1	MV	0	0	
7	30	1	MV	0	0	YES
7	31	1	MV	0	0	YES
7	32	1	MV	0	0	
7	33	1	MV	0	0	YES
7	34	1	MV	0	0	YES
7	35	1	MV	0	0	
7	36	1	MV	0	0	
7	37	1	MV	0	0	

A1: STRATA, UNIT AND PLOT REPORT
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

CRUISE NO.	CUTTING UNIT	STRATUM	PAYMENT UNIT
7	1	MV	
7	3	ST	

B1: LOW LEVEL VOLUME SUMMARY
CUT AND LEAVE TREES
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	SPECIES	PRODUCT	SOURCE	OF MEAS	LIVE	LEAVE	YLD COMP	SAM GRP	STM	TREE GRD	CONTR SPEC	# OF MEAS TREES	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	AVG DEFT % BDFT	AVG DEFT % CUFT	GRSS BDFT CUFT RAT.	NET BDFT CUFT RAT.	EST. NO OF TREES	STRATA LEVEL VOLUME GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
MV	IC	01	P	01	D	C		IC	N			15	25.2	23.1	87.2	32	29	6.14	5.91	1278	660712	107610	447116	75597	0.0
MV	IC	02	S	01	D	C		IC	N												36504	10087	34333	9554	0.0
MV	PP	01	P	01	D	C		PP	N			43	23.3	22.5	110.5	5	5	6.58	6.57	3835	2842449	432211	2684207	408832	0.0
MV	PP	02	S	01	D	C		PP	N												85279	26295	85279	26295	0.0
MV	SP	01	P	01	D	C		SP	N			8	23.4	21.2	93.3	8	8	6.65	6.65	783	548948	82541	501242	75431	0.0
MV	SP	02	S	01	D	C		SP	N												23476	6230	23476	6230	0.0
MV	WF	01	P	01	D	C		WF	N			20	22.0	21.0	100.0	8	7	6.53	6.48	1418	867747	132811	797724	123032	0.0
MV	WF	02	S	01	D	C		WF	N												33110	9520	33110	9520	0.0
ST	IC	01	P	01	D	C		C1	N			7	21.3	20.5	73.0	6	5	5.56	5.53	260	68715	12350	64406	11644	0.0
ST	IC	02	S	01	D	C		C1	N												4086	1389	4086	1389	0.0
ST	WF	01	P	01	D	C		F1	N			9	19.8	19.3	93.4	6	5	5.92	5.90	66	25299	4274	23752	4026	0.0
ST	WF	02	S	01	D	C		F1	N												1027	357	1027	357	0.0
ST	PP	01	P	01	D	C		P1	N			16	23.0	21.9	92.0	9	9	6.49	6.48	756	455490	70237	413627	63844	0.0
ST	PP	02	S	01	D	C		P1	N												14175	5051	14175	5051	0.0
ST	SP	01	P	01	D	C		S1	N			14	23.6	21.6	87.4	5	5	6.68	6.67	37	25928	3884	24572	3684	0.0
ST	SP	02	S	01	D	C		S1	N												581	211	581	211	0.0

TOTALS ---

PRODUCT	PRODUCT SOURCE	EST. NO OF TREES	GROSS VOLUME BDFT	GROSS VOLUME CUFT	NET VOLUME BDFT	NET VOLUME CUFT	CORDS
01	P	8433	5495287	845918	4956645	766091	0.0
02	S		198239	59141	196068	58608	
		8433	5693526	905059	5152713	824699	0.0

B1: LOW LEVEL VOLUME SUMMARY
CUT AND LEAVE TREES
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	SPECIES	PRODUCT	SOURCE	UOM	LIVE	LEAVE	YLD COMP	SAM GRP	STM	TRD	CONTR SPEC	# OF MEAS TREES	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	AVG DEFT % BDFT	AVG DEFT % CUFT	GRSS BDFT CUFT RAT.	NET BDFT CUFT RAT.	********** STRATA LEVEL ********** EST. NO OF TREES	********** VOLUME ********** *** GROSS ** BDFT	CUFT	**** NET *** BDFT	CUFT	CORDS

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT
S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

CP1: VOLUME SUMMARY FOR SAMPLE GROUP
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PRODUCT	SOURCE	UOFM	SAM GRP	STM	# OF TREES MEASURED	TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	AVE % BDFT	DEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	EST. # OF TREES	STRATA LEVEL VOLUME GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
MV	01	P	01	IC	N	15	38	25.2	23.1	87.2	32	29	6.140	5.914	1278	660712	107610	447116	75597	0.0
MV	02	S	01	IC	N											36504	10087	34333	9554	0.0
MV	01	P	01	PP	N	43	97	23.3	22.5	110.5	5	5	6.577	6.566	3835	2842449	432211	2684207	408832	0.0
MV	02	S	01	PP	N											85279	26295	85279	26295	0.0
MV	01	P	01	SP	N	8	20	23.4	21.2	93.3	8	8	6.651	6.645	783	548948	82541	501242	75431	0.0
MV	02	S	01	SP	N											23476	6230	23476	6230	0.0
MV	01	P	01	WF	N	20	32	22.0	21.0	100.0	8	7	6.534	6.484	1418	867747	132811	797724	123032	0.0
MV	02	S	01	WF	N											33110	9520	33110	9520	0.0
ST	01	P	01	C1	N	7	260	21.3	20.5	73.0	6	5	5.564	5.531	260	68715	12350	64406	11644	0.0
ST	02	S	01	C1	N											4086	1389	4086	1389	0.0
ST	01	P	01	F1	N	9	66	19.8	19.3	93.4	6	5	5.920	5.900	66	25299	4274	23752	4026	0.0
ST	02	S	01	F1	N											1027	357	1027	357	0.0
ST	01	P	01	P1	N	16	756	23.0	21.9	92.0	9	9	6.485	6.479	756	455490	70237	413627	63844	0.0
ST	02	S	01	P1	N											14175	5051	14175	5051	0.0
ST	01	P	01	S1	N	14	37	23.6	21.6	87.4	5	5	6.676	6.669	37	25928	3884	24572	3684	0.0
ST	02	S	01	S1	N											581	211	581	211	0.0

TOTALS ------

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	EST. # OF TREES	VOLUME GROSS BDFT	GROSS CUFT	NET BDFT	NET CUFT	CORDS
01	P	23.3	22.1	100.5	8433	5495287	845918	4956645	766091	0.0
02	S					198239	59141	196068	58608	
		23.3	22.1	100.5	8433	5693526	905059	5152713	824699	0.0

CP1: VOLUME SUMMARY FOR SAMPLE GROUP
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PRODUCT	SOURCE	UOM	SAMPLE GRP	SAMPLE STM	# OF TREES MEASURED	TREES LOGGED	QUAD MEAN DBH	MEAN DBH	MEAN TOTAL HT	AVE DEF %	AVE DEF %	GROSS BDFT / CUFT RATIO	NET BDFT / CUFT RATIO	********** STRATA LEVEL ********** EST. # OF TREES	********** VOLUME ********** *** GROSS *** BDFT	*** GROSS *** CUFT	**** NET **** BDFT	**** NET **** CUFT	CORDS

PRODUCT SOURCE KEY:

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S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

CS1: VOLUME SUMMARY FOR STRATA
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PRODUCT	SUBOUT	UOM	# OF TREES MEASURED	# OF TREES TALLIED	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	AVE DEF % BDFT	AVE DEF % CUFT	GROSS BDFT RATIO	NET BDFT RATIO	EST. # OF TREES	********** STRATA LEVEL ********** VOLUME ********** *** GROSS **** BDFT	*** GROSS **** CUFT	**** NET **** BDFT	**** NET **** CUFT	CORDS
MV 01	P	01		86	187	23.4	22.2	102.5	9	9	6.515	6.488	7314	4919856	755174	4430289	682892	0.0
MV 02	S	01												178370	52133	176199	51600	0.0
ST 01	P	01		46	1119	22.5	21.4	87.5	8	8	6.341	6.326	1119	575431	90744	526356	83199	0.0
ST 02	S	01												19869	7008	19869	7008	0.0

TOTALS ------

PRODUCT	PRODUCT SOURCE	QUAD MEAN DBH	MEAN DBH	MEAN TOT HT	GROSS BF/CF RATIO	NET BF/CF RATIO	EST. # OF TREES	********** VOLUME ********** ***** GROSS ***** BDFT	***** GROSS ***** CUFT	***** NET ***** BDFT	***** NET ***** CUFT	CORDS
01	P	23.3	22.1	100.5	6.4962	6.4700	8433	5495287	845918	4956645	766091	0.0
02	S							198239	59141	196068	58608	
		23.3	22.1	100.5	6.2908	6.2480	8433	5693526	905059	5152713	824699	0.0

PRODUCT SOURCE KEY:

P = PRIMARY PRODUCT
S = SECONDARY PRODUCT
R = RECOVERABLE PRODUCT

The following items are not reported and/or calculated for secondary or recovered products but are shown here as blank so the associated volumes can be reported: Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

DP1: STATISTICS FOR SAMPLE GROUP
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PROD	OPT	SAMP GRP	STM	STG SAM 1/2	NO SAM TREES	BIG N	SMALL N	t VALUE	MEAN X	SUM OF X	SUM OF (X * X)	STANDARD DEVIATION	COEFF OF VARIATION	STANDARD ERROR	SAMPLING ERROR	COMBINED SAMPLING ERROR
						********** PRIMARY PRODUCT NET VOLUME **********											
MV	01	01	IC	N	1	38	0	32	2.000	1.2	38.00	152.00	1.8568	156.3593	0.328	55.2813	58.599
MV	01	01	IC	N	2	15	32	15	2.145	100.7	1510.09	169502.04	35.3318	35.0957	9.123	19.4373	58.599
MV	01	01	PP	N	1	97	0	32	2.000	3.0	97.00	733.00	3.7630	124.1407	0.665	43.8904	45.140
MV	01	01	PP	N	2	43	32	43	2.000	236.7	10178.82	2691013.54	81.8705	34.5859	12.485	10.5486	45.140
MV	01	01	SP	N	1	20	0	32	2.000	0.6	20.00	36.00	0.8707	139.3070	0.154	49.2525	67.966
MV	01	01	SP	N	2	8	32	8	2.365	214.4	1715.05	468617.12	120.0837	56.0140	42.456	46.8363	67.966
MV	01	01	WF	N	1	32	0	32	2.000	1.0	32.00	168.00	2.0945	209.4540	0.370	74.0532	76.364
MV	01	01	WF	N	2	20	32	20	2.093	213.3	4265.32	1046807.99	84.9646	39.8398	18.999	18.6454	76.364
ST	01	01	C1	N	1	7	260	7	2.447	247.7	1734.00	860884.00	268.1254	108.2398	99.968	98.7519	98.752
ST	01	01	F1	N	1	9	66	9	2.306	359.9	3239.00	1635661.00	242.3791	67.3483	75.083	48.1094	48.109
ST	01	01	P1	N	1	16	756	16	2.131	547.1	8754.00	10443718.00	613.9591	112.2155	151.857	59.1468	59.147
ST	01	01	S1	N	1	14	37	14	2.160	664.1	9297.00	17649307.00	939.5349	141.4810	197.976	64.3948	64.395

DP1: STATISTICS FOR SAMPLE GROUP
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PROD	UOM	SAMP GRP	STM	STG SAM 1/2	********** SECONDARY PRODUCT NET VOLUME ********** NO SAM TREES	BIG N	SMALL N	t VALUE	MEAN X	SUM OF X	SUM OF (X * X)	STANDARD DEVIATION	COEFF OF VARIATION	STANDARD ERROR	SAMPLING ERROR	COMBINED SAMPLING ERROR
MV	02	01	IC	N	1	38	0	32	2.000	1.2	38.00	152.00	1.8568	156.3593	0.328	55.2813	85.464
MV	02	01	IC	N	2	15	32	15	2.145	7.7	115.96	2055.05	9.0974	117.6841	2.349	65.1778	85.464
MV	02	01	PP	N	1	97	0	32	2.000	3.0	97.00	733.00	3.7630	124.1407	0.665	43.8904	44.847
MV	02	01	PP	N	2	43	32	43	2.000	7.5	323.40	2649.19	2.2723	30.2120	0.347	9.2146	44.847
MV	02	01	SP	N	1	20	0	32	2.000	0.6	20.00	36.00	0.8707	139.3070	0.154	49.2525	96.832
MV	02	01	SP	N	2	8	32	8	2.365	10.0	80.32	1507.81	10.0103	99.7071	3.539	83.3705	96.832
MV	02	01	WF	N	1	32	0	32	2.000	1.0	32.00	168.00	2.0945	209.4540	0.370	74.0532	77.569
MV	02	01	WF	N	2	20	32	20	2.093	8.9	177.03	1929.15	4.3664	49.3308	0.976	23.0873	77.569
ST	02	01	C1	N	1	7	260	7	2.447	15.7	110.00	2100.00	7.8680	50.0688	2.934	45.6800	45.680
ST	02	01	F1	N	1	9	66	9	2.306	15.6	140.00	2600.00	7.2648	46.7025	2.250	33.3613	33.361
ST	02	01	P1	N	1	16	756	16	2.131	18.8	300.00	7800.00	12.0416	64.2218	2.978	33.8502	33.850
ST	02	01	S1	N	1	14	37	14	2.160	15.7	220.00	5800.00	13.4246	85.4292	2.829	38.8830	38.883

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
PRIMARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PRODUCT	UOM	********** PRIMARY PRODUCT GROSS VOLUME ********** VOLUME*	ERROR	****** 95% CONFIDENCE ***** INTERVAL FROM	TO	********* PRIMARY PRODUCT NET VOLUME ******** VOLUME*	ERROR	****** 95% CONFIDENCE ****** INTERVAL FROM	TO
MV	01	01	4919855.9	31.34	3377898.	6461814.	4430289.0	32.11	3007645.	5852933.
ST	01	01	575431.2	48.69	295252.	855611.	526356.0	48.17	272824.	779888.
	01	01	5495287.2	28.52	3928081.	7062493.	4956645.0	29.15	3511587.	6401703.
		01	5495287.2	28.52	3928081.	7062493.	4956645.0	29.15	3511587.	6401703.
MV		01	4919855.9	31.34	3377898.	6461814.	4430289.0	32.11	3007645.	5852933.
ST		01	575431.2	48.69	295252.	855611.	526356.0	48.17	272824.	779888.

---------- AGGREGATED BY PRODUCT ----------

-------- AGGREGATED BY UNIT OF MEASURE --------

---------- AGGREGATED BY STRATA ----------

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
SECONDARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PRODUCT	UOM	******** SECONDARY PRODUCT GROSS VOLUME ********** VOLUME*	ERROR	****** 95% CONFIDENCE ***** INTERVAL FROM	TO	******* SECONDARY PRODUCT NET VOLUME ******** VOLUME*	ERROR	****** 95% CONFIDENCE ****** INTERVAL FROM	TO
MV	02	01*	178370.0	33.25	119061.	237679.	176198.9	33.58	117037.	235360.
ST	02	01*	19868.8	25.99	14704.	25034.	19868.8	25.99	14704.	25034.
					---------- AGGREGATED BY PRODUCT ----------					
	02	01	198238.8	30.03	138706.	257772.	196067.7	30.29	136681.	255454.
					-------- AGGREGATED BY UNIT OF MEASURE --------					
		01	198238.8	30.03	138706.	257772.	196067.7	30.29	136681.	255454.
					---------- AGGREGATED BY STRATA ----------					
MV		01	178370.0	33.25	119061.	237679.	176198.9	33.58	117037.	235360.
ST		01	19868.8	25.99	14704.	25034.	19868.8	25.99	14704.	25034.

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

DS1: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL
TOTAL VOLUME AGGREGATED BY PRODUCT
FOR PRIMARY, SECONDARY AND RECOVERED PRODUCTS
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

STRATA	PRODUCT	UOM	TOTAL GROSS VOLUME VOLUME*	95% CONFIDENCE INTERVAL ERROR	FROM	TO	TOTAL NET VOLUME VOLUME*	95% CONFIDENCE INTERVAL ERROR	FROM	TO
					AGGREGATED BY PRODUCT					
	01	01	5495287.2	28.52	3928081.	7062493.	4956645.0	29.15	3511587.	6401703.
	02	01	198238.8	30.03	138706.	257772.	196067.7	30.29	136681.	255454.
					AGGREGATED BY UNIT OF MEASURE					
		01	5693525.9	27.55	4125189.	7261862.	5152712.7	28.07	3706435.	6598991.
					AGGREGATED BY STRATA					
MV		01	5098225.9	30.27	3555128.	6641324.	4606487.9	30.91	3182615.	6030361.
ST		01	595300.0	47.07	315073.	875527.	546224.8	46.42	292641.	799809.

* FOR SECONDARY PRODUCT, IF PRIMARY PRODUCT UNIT OF MEASURE IS BOARD FOOT, THEN CUBIC FOOT VOLUME IS USED FOR SECONDARY PRODUCT.

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

R401: SALE APPRAISAL SUMMARY BY SPECIES
-- BOARD FOOT --
FOR CUT TREES ONLY - PRIMARY PRODUCT ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

SPECIES	PROD	GROSS BF	TOTAL DEF%	NET BF	ESTIM TREES	GROSS BF/ ACRE	NET BF/ ACRE	TREES/ ACRE	QUAD MEAN DBH	MEAN HT1	NET BF/ TREE	16'LOGS/ GROSS MBF	NET LOG SCALE VALUE/ MBF
IC	01	729427	29.9	511522	1538	1486	1042	3.1	24.6	84.8	333	6.7	
PP	01	3297939	6.1	3097834	4591	6717	6309	9.3	23.2	107.4	675	6.5	
SP	01	574876	8.5	525814	820	1171	1071	1.7	23.4	93.1	641	4.9	
WF	01	893046	8.0	821476	1484	1819	1673	3.0	21.9	99.8	554	7.2	
TOTALS/AVE		5495287	9.8	4956645	8433	11192	10095	17.2	23.3	100.5	588	6.5	N/A

R402: SALE APPRAISAL SUMMARY BY SPECIES
-- CUBIC FOOT --
FOR CUT TREES ONLY - PRIMARY PRODUCT ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

SPECIES	PROD	GROSS CF	TOTAL DEF%	NET CF	ESTIM TREES	GROSS CF/ ACRE	NET CF/ ACRE	TREES/ ACRE	QUAD MEAN DBH	MEAN HT1	NET CF/ TREE	16'LOGS/ GROSS CCF	NET LOG SCALE VALUE/ CCF
IC	01	119960	27.3	87241	1538	244	178	3.1	24.6	84.8	57	4.1	
PP	01	502448	5.9	472676	4591	1023	963	9.3	23.2	107.4	103	4.2	
SP	01	86425	8.5	79115	820	176	161	1.7	23.4	93.1	97	3.3	
WF	01	137085	7.3	127058	1484	279	259	3.0	21.9	99.8	86	4.7	
TOTALS/AVE		845918	9.4	766091	8433	1723	1560	17.2	23.3	100.5	91	4.2	N/A

TABLE 1 - REPORT FOR SPECIES: IC
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
8	672.2	13444.8	12874.9	3874.6	3756.9
9	364.6	11308.1	10980.7	2513.8	2457.0
10	190.0	5699.8	4939.8	1367.9	1196.9
11	783.3	38127.7	32695.7	8654.3	7363.7
12	196.3	10538.9	9219.5	2100.2	1828.4
13	358.1	34274.8	33147.0	6398.1	6182.7
14	406.1	35546.1	29796.0	6327.2	5300.3
15	103.7	12732.4	11270.1	2236.6	1972.0
16	502.0	77765.9	70141.3	13341.5	12054.6
17	164.9	28195.9	22843.5	4860.2	3946.8
18	89.0	18692.5	16117.9	3031.3	2611.8
19	212.4	50966.9	42468.4	8409.7	6983.6
20	139.1	38955.8	33191.9	5686.9	4831.7
21	156.5	46955.7	30423.0	7330.3	4810.2
22	30.7	10120.4	8004.3	1551.8	1226.7
23	100.0	37990.5	28429.9	5440.5	4076.2
24	142.1	56848.0	23339.8	8604.0	3606.3
26	51.6	25806.0	19653.7	3630.6	2766.4
27	41.9	23038.4	0.0	3087.1	0.0
28	71.6	41540.2	17449.7	5851.4	2459.6
29	24.9	15171.3	11390.9	2166.3	1624.1
30	20.9	13823.0	4984.7	1878.7	676.5
31	30.7	21774.3	17204.7	3020.8	2386.0
34	45.8	36652.0	20954.5	5438.2	3123.0
39	20.9	23457.3	0.0	3158.4	0.0
TOTALS	4919.3	729426.7	511522.0	119960.4	87241.4

TABLE 2 - REPORT FOR SPECIES: PP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
7	203.8	2038.3	2038.3	713.4	693.0
8	2030.1	45457.4	42851.8	13025.2	12415.2
9	1131.2	33846.5	31624.4	7205.5	6748.0
10	1546.1	73195.8	70583.7	15001.0	14482.7
11	1804.2	93120.2	86297.6	19098.4	17727.0
12	2102.9	153812.7	147020.5	28930.0	27592.2
13	1702.6	160113.0	153658.8	27822.5	26674.6
14	1717.4	178933.3	166139.5	31828.3	29430.7
15	1467.0	196558.9	182061.9	31582.1	29351.9
16	1011.7	159846.8	153624.1	25485.5	24428.2
17	962.3	169392.8	160941.2	27416.7	26032.0
18	896.7	188313.3	180289.9	28341.2	27093.2
19	580.8	139382.6	133415.7	20339.1	19502.4
20	807.5	226108.7	214076.9	31697.3	30026.0
21	362.6	108777.9	104164.8	15454.3	14798.2
22	764.4	252251.7	238817.8	35645.5	33737.1
23	395.8	150410.8	140313.4	19675.7	18376.6
24	400.7	160272.0	152713.9	21478.8	20472.1
25	381.2	175366.7	166598.4	22700.1	21554.8
26	196.5	98238.0	93326.1	12157.4	11543.6
27	272.3	149749.6	136315.9	18595.6	16937.2
28	167.6	97217.9	85836.5	12340.6	10901.4
29	109.0	66502.8	63123.2	8466.9	8045.7
30	100.4	66276.5	62962.7	8330.0	7912.0
31	117.0	83070.7	62837.3	10228.6	7756.9
32	62.8	46495.7	44170.9	5877.2	5582.3
34	29.0	23188.0	22028.6	3011.5	2860.8
TOTALS	21323.7	3297938.6	3097833.9	502448.2	472675.8

TABLE 3 - REPORT FOR SPECIES: SP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
8	491.5	11131.8	10983.1	3146.1	3056.0
9	110.1	4296.5	4084.3	1155.2	1112.8
10	342.8	13686.4	13667.9	2877.6	2839.3
11	91.9	4729.3	4503.1	1101.7	1049.3
12	190.3	14570.2	13955.0	2925.4	2807.6
13	143.1	14308.0	13689.4	2716.3	2602.3
14	117.9	12184.2	10576.6	2418.2	2089.6
15	182.4	24541.4	23447.2	4219.9	4033.1
16	102.1	16181.7	15571.6	2561.3	2459.7
17	77.5	13319.7	12596.5	2332.3	2206.8
18	250.8	52671.6	42462.9	8318.1	6682.5
19	2.6	634.3	602.6	97.5	92.8
20	2.6	740.0	703.0	102.0	97.0
21	200.5	60139.2	45938.0	8800.9	6782.3
22	7.9	2616.6	2492.3	389.6	371.6
23	2.6	1004.3	943.6	145.1	136.4
24	108.3	43309.2	41072.7	6203.4	5886.0
25	36.5	16796.9	15814.1	2233.0	2103.2
26	2.6	1321.5	1255.4	175.0	166.2
27	95.8	52686.7	49991.3	6682.1	6345.6
28	49.0	28416.5	26701.7	3778.2	3551.0
29	2.6	1612.2	1530.3	207.7	197.4
30	41.0	27029.0	25677.5	3440.1	3268.0
31	36.5	25925.6	24374.0	3374.0	3175.5
32	17.8	13146.1	12364.4	1797.8	1689.5
34	33.9	27097.6	25471.7	3732.7	3509.1
36	17.8	16343.8	15366.7	2245.5	2110.5
40	17.8	21318.0	20038.9	2673.6	2513.7
43	17.8	24871.0	23378.7	3073.3	2888.6
46	17.8	28246.4	26558.7	3501.5	3291.9
TOTALS	2811.7	574875.7	525813.5	86425.0	79115.4

R501: LOG STOCK TABLE BY SPECIES AND PRODUCT
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

TABLE 4 - REPORT FOR SPECIES: WF
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
8	827.9	17701.0	17586.7	4576.1	4508.3
9	285.5	8564.5	8293.6	2105.1	2050.7
10	760.3	27456.5	27058.4	6091.6	5982.4
11	613.9	38431.7	37548.7	7202.2	7035.9
12	670.6	49186.3	48132.3	8979.5	8808.1
13	484.0	43804.8	41212.4	7319.4	6904.5
14	370.8	38304.8	36908.8	6667.7	6419.5
15	468.6	61272.4	59125.9	9722.1	9380.2
16	198.3	29477.6	28075.1	4807.0	4579.0
17	263.9	45212.3	43260.2	7052.3	6744.9
18	308.1	63407.9	59675.6	9759.2	9186.0
19	189.7	45517.9	43222.2	6670.9	6337.5
20	170.5	46417.1	44101.3	6320.7	6003.7
21	149.1	44735.7	33090.4	6347.4	4708.0
22	163.1	53811.1	50866.2	7355.5	6963.8
23	137.4	52229.1	32953.3	6916.0	4453.9
24	70.5	28199.6	26559.2	3757.5	3539.6
25	90.3	41547.7	38724.3	5246.0	4889.2
26	28.8	14399.0	13391.1	1834.4	1704.8
27	19.1	10490.7	9556.1	1356.2	1234.1
28	28.8	16702.8	15522.1	2041.8	1897.8
29	44.9	27376.8	25350.5	3542.8	3282.4
30	19.1	12588.8	11463.5	1655.6	1506.8
33	35.2	27421.7	25089.4	3600.6	3293.6
35	19.1	16785.1	15278.3	2098.1	1909.3
36	16.1	14795.4	13605.4	1923.4	1769.0
38	16.1	17207.7	15824.7	2135.7	1965.2
TOTALS	6449.3	893046.2	821475.6	137084.8	127058.3

TC60: STAND TABLE FOR SALE 7 -- NET CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 1" DIAMETER CLASS
(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

SPEC	IC	PP	SP	WF	
PROD	01	01	01	01	
U OF M	01	01	01	01	TOTALS
1-3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	2336	0	16	0	2353
13	323	0	4590	167	5081
14	301	0	66	4340	4707
15	0	11254	206	4323	15783
16	0	7032	67	213	7311
17	4218	21404	0	10093	35715
18	0	30256	0	10981	41237
19	1348	11590	121	0	13059
20	0	15816	6020	890	22726
21	1125	11437	0	5184	17746
22	8076	34618	195	5480	48369
23	8314	29910	8247	7736	54207
24	0	0	0	0	0
25	0	9752	0	11408	21160
26	0	18382	5267	1597	25246
27	12685	35113	0	10507	58305
28	0	12482	0	4541	17023
29	0	46538	0	8240	54778
30	10486	9815	0	14177	34478
31	0	23408	456	0	23864
32	4821	22547	0	0	27368
33	0	21087	11897	0	32984
34	5243	9672	0	10327	25242
35	0	13038	0	0	13038
36	4779	11163	11995	0	27938
37	0	39493	0	0	39493
38	0	13610	889	0	14499
39	5899	0	0	0	5899
40	0	0	0	0	0
41	0	13258	12635	0	25893
42	6805	0	991	8211	16008

TC60: STAND TABLE FOR SALE 7 -- NET CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 1" DIAMETER CLASS
(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

SPEC	IC	PP	SP	WF	
PROD	01	01	01	01	
U OF M	01	01	01	01	TOTALS
43	0	0	0	0	0
44	0	0	0	0	0
45	0	0	0	0	0
46	0	0	0	8642	8642
47	6173	0	0	0	6173
48	0	0	0	0	0
49	0	0	0	0	0
50	0	0	0	0	0
51	4308	0	0	0	4308
52	0	0	0	0	0
53	0	0	0	0	0
54	0	0	0	0	0
55	0	0	15457	0	15457
TOTALS	87241	472676	79115	127058	766091

TC62: STAND TABLE FOR SALE 7 -- ESTIMATED NUMBER OF TREES
FOR PRIMARY PRODUCT ONLY - BY 1" DIAMETER CLASS
(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

SPEC	IC	PP	SP	WF	
PROD	01	01	01	01	
U OF M	01	01	01	01	TOTALS
1-3	0	0	0	0	0
4	0	0	0	0	0
5	0	0	0	0	0
6	0	0	0	0	0
7	0	0	0	0	0
8	0	0	0	0	0
9	0	0	0	0	0
10	0	0	0	0	0
11	0	0	0	0	0
12	371	0	3	0	373
13	37	0	338	7	382
14	37	0	5	182	225
15	0	393	11	143	546
16	0	225	3	7	235
17	190	552	0	256	998
18	0	591	0	218	808
19	37	228	3	0	268
20	0	245	128	15	388
21	37	202	0	75	314
22	151	449	3	78	681
23	139	277	99	62	577
24	0	0	0	0	0
25	0	77	0	110	186
26	0	141	79	15	234
27	146	243	0	93	481
28	0	63	0	44	108
29	0	264	0	42	306
30	120	52	0	74	246
31	0	101	3	0	103
32	37	94	0	0	131
33	0	90	52	0	142
34	46	47	0	29	122
35	0	39	0	0	39
36	42	38	41	0	120
37	0	117	0	0	117
38	0	34	3	0	36
39	72	0	0	0	72
40	0	0	0	0	0
41	0	29	31	0	60
42	31	0	3	19	52

TC62: STAND TABLE FOR SALE 7 -- ESTIMATED NUMBER OF TREES
FOR PRIMARY PRODUCT ONLY - BY 1" DIAMETER CLASS
(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

SPEC	IC	PP	SP	WF	
PROD	01	01	01	01	
U OF M	01	01	01	01	TOTALS
43	0	0	0	0	0
44	0	0	0	0	0
45	0	0	0	0	0
46	0	0	0	16	16
47	25	0	0	0	25
48	0	0	0	0	0
49	0	0	0	0	0
50	0	0	0	0	0
51	21	0	0	0	21
52	0	0	0	0	0
53	0	0	0	0	0
54	0	0	0	0	0
55	0	0	18	0	18
TOTALS	1538	4591	820	1484	8433

UC1: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM *
FOR CUT TREES ONLY
CRUISE#: 7 SALE#: 7
SALENAME: Twin Lake HT
RUN DATE & TIME: 05-12-2014 11:04:33

VERSION: 10.12.2012
VOLUME LIBRARY VERSION: 10.12.2012

********** PRIMARY PRODUCT **********

STRATA	UNIT	SPECIES	PROD	UOM	AVGDEF % BDFT	AVGDEF % CUFT	GROSS BDFT CUFT RATIO	NET BDFT CUFT RATIO	********** STRATA LEVEL ********** EST. NO OF TREES	** GROSS VOLUME ** BDFT	** GROSS VOLUME ** CUFT	** NET VOLUME ** BDFT	** NET VOLUME ** CUFT	CORDS
MV	1	IC	01	01	32	29	6.1399	5.9145	1278	660712	107610	447116	75597	0.00
MV	1	PP	01	01	5	5	6.5765	6.5656	3835	2842449	432211	2684207	408832	0.00
MV	1	SP	01	01	8	8	6.6506	6.6450	783	548948	82541	501242	75431	0.00
MV	1	WF	01	01	8	7	6.5337	6.4838	1418	867747	132811	797724	123032	0.00
			UNIT	1 TOTAL	9	9	6.5149	6.4875	7314	4919856	755174	4430289	682892	0.00
			STRATA MV	TOTAL	9	9	6.5149	6.4875	7314	4919856	755174	4430289	682892	0.00
ST	3	IC	01	01	6	5	5.5639	5.5311	260	68715	12350	64406	11644	0.00
ST	3	PP	01	01	9	9	6.4850	6.4787	756	455490	70237	413627	63844	0.00
ST	3	SP	01	01	5	5	6.6762	6.6693	37	25928	3884	24572	3684	0.00
ST	3	WF	01	01	6	5	5.9197	5.8998	66	25299	4274	23752	4026	0.00
			UNIT	3 TOTAL	8	8	6.3412	6.3265	1119	575431	90744	526356	83199	0.00
			STRATA ST	TOTAL	8	8	6.3412	6.3265	1119	575431	90744	526356	83199	0.00

TOTALS ------	EST. NO OF TREES	***** GROSS VOLUME ***** BDFT	CUFT	****** NET VOLUME ****** BDFT	CUFT	CORDS
	8433	5495287	845918	4956645	766091	0

* FOR TREE-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON THE # OF TREES TALLIED OR THE SUM OF KPIS THAT FALL WITHIN THE CUTTING UNIT. FOR AREA-BASED SAMPLES, THE CUTTING UNIT VOLUME IS BASED ON AN AVERAGE VOLUME PER ACRE AT THE STRATA LEVEL TIMES THE NUMBER OF ACRES IN THE CUTTING UNIT.
*R = RECOVERED VOLUME ADDED TO NET SECONDARY VOLUME.
*FOR CRUISE METHOD 3P ONLY, THE COLUMN Est. # of Trees for sawtimber WILL SHOW ZERO INSTEAD OF ACTUAL TALLY.

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CANNOT GENERATE WT1 >>  No weights for this report
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