

CRUISE REPORT HEADER & CERTIFICATION
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

Year: 0 Region: 05 Forest: 10 District: 54

Remarks:

FILENAME: C:\Users\LoganSalcuni\Documents\SixRivers\02 Mad River\Projects\Rattail\28 Rattail_Check Cruise Info\09 FINAL Rattail Cruise File with Swollen Knot and plot Fixes11202024\54194_Rattail Cruise_TS_202411201249_GalaxyTabActive3-E4S6.process

REPORTS: A01 A02 A03 A04 A05 A14 R401 R402 R501 ST1 ST2 ST3 ST4 TC2 TC3 TC4 TC58 TC6 TC60 TC62
UC1 UC5 VPA2 VSM1 VSM2 VSM3 WT1 WT4 WT5

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

I certify that the timber for the Rattail Cruise 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: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024
NATIONAL CRUISE PROCESSING PROGRAM

VOLUME EQUATION TABLE
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

SPECIES	PROD	VOLUME EQUATION	STUMP HEIGHT	TOTAL CUBIC VOLUME	PRIMARY PRODUCT				SECONDARY PRODUCT				
					MIN TOP DIB	BDFT	CUFT	CORDS	MIN TOP DIB	BDFT	CUFT	CORDS	BIOMASS
DF	01	500W02W202	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
PP	01	500W02W122	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES
WF	01	I15FW2W017	1.0	NO	6.0	YES	YES	NO	1.0	YES	YES	NO	YES

CRUISE OF RECORD 11/21/2024

BIOMASS EQUATION TABLE

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 3

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPECIES	PROD	COMPONENT	EQU	% MOIST	% REMV	L/D	FIA CODE	WEIGHT PRIM	FACTOR SECD	METDATA
DF	01	Total Tree		92.1	95.0	L	202	0.0	0.0	Heath et al 2009
		Live Branches		92.1	95.0	L	202	0.0	0.0	Heath et al 2009
		Dead Branches		92.1	95.0	L	202	0.0	0.0	
		Foliage		92.1	95.0	L	202	0.0	0.0	Heath et al 2009
		Mainstem Primary		92.1	95.0	L	202	63.0	0.0	USE REGIONAL DEFAULT WEIGHT FACTOR (Sawtimber)
		Mainstem Secondary		92.1	95.0	L	202	0.0	84.0	USE REGIONAL DEFAULT WEIGHT FACTOR (Non-Saw)
		Stem Tip		92.1	95.0	L	202	0.0	0.0	
PP	01	Total Tree		132.1	95.0	L	122	0.0	0.0	Heath et al 2009
		Live Branches		132.1	95.0	L	122	0.0	0.0	Heath et al 2009
		Dead Branches		132.1	95.0	L	122	0.0	0.0	
		Foliage		132.1	95.0	L	122	0.0	0.0	Heath et al 2009
		Mainstem Primary		132.1	95.0	L	122	68.0	0.0	USE REGIONAL DEFAULT WEIGHT FACTOR (Sawtimber)
		Mainstem Secondary		132.1	95.0	L	122	0.0	80.0	USE REGIONAL DEFAULT WEIGHT FACTOR (Non-Saw)
		Stem Tip		132.1	95.0	L	122	0.0	0.0	
WF	01	Total Tree		152.7	95.0	L	15	0.0	0.0	Heath et al 2009
		Live Branches		152.7	95.0	L	15	0.0	0.0	Heath et al 2009
		Dead Branches		152.7	95.0	L	15	0.0	0.0	
		Foliage		152.7	95.0	L	15	0.0	0.0	Heath et al 2009
		Mainstem Primary		152.7	95.0	L	15	69.0	0.0	USE REGIONAL DEFAULT WEIGHT FACTOR (Sawtimber)
		Mainstem Secondary		152.7	95.0	L	15	0.0	86.0	USE REGIONAL DEFAULT WEIGHT FACTOR (Non-Saw)
		Stem Tip		152.7	95.0	L	15	0.0	0.0	

A01: STRATA, UNIT, PAYMENT UNIT AND SAMPLE GROUP REPORT (A1)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

CRUISE NO.	STRATA NO.	CRUISE METHOD	STRATA ACRES	BAF	PLOT SIZE	NO. OF PLOTS	STRATA DESCRIPTION	DATE MMYYYY	
54194	01	PCM	85.10	20.00	0	25	Cable Plantation	0	0
54194	02	PCM	52.90	20.00	0	25	Cable Pole-Early Mature	0	0
54194	03	PCM	125.50	20.00	0	25	Tractor Pole-Early Mature	0	0
54194	04	PCM	83.30	20.00	0	25	Cable Early Mature, Early-Mid Mature	0	0
54194	05	STR	4.60	0.00	0	0	Tractor Plantation	62024	
54194	06	PCM	217.00	20.00	0	25	Tractor EM,MM,OW	0	0

CRUISE#: 54194 SALE#: 54194

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RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

CRUISE NO.	CUTTING UNIT NO.	CUTTING UNIT ACRES	CUTTING UNIT DESCRIPTION	LOG METHOD	PAYMENT UNIT NO.
54194	01	1.90	Tractor Plantation	420	
54194	02	11.10	Cable Plantation	430	
54194	03	16.10	Cable Plantation	430	
54194	04	13.80	Tractor Early Mature, Early Mid Mature	420	
54194	05	7.80	Tractor Early Mature, Early Mid Mature	420	
54194	06	10.20	Tractor Early Mature, Early Mid Mature	420	
54194	07	5.80	Cable Plantation	430	
54194	08	11.10	Cable Plantation	430	
54194	09	8.50	Cable Plantation	430	
54194	10	8.60	Cable Plantation	430	
54194	11	19.50	Tractor Early Mature, Early Mid Mature	420	
54194	12	3.60	Cable Plantation	430	
54194	13	7.20	Cable Plantation	430	
54194	14	6.60	Cable Plantation	430	
54194	15	0.90	Tractor Plantation	420	
54194	16	3.10	Cable Plantation	430	
54194	17	3.40	Cable Plantation	430	
54194	18	19.70	Tractor Early Mature, Early Mid Mature	420	
54194	19	4.60	Tractor Pole Early Mature	420	
54194	20	3.10	Cable Early Mature, Early Mid Mature	430	
54194	20a	1.40	Tractor Early Mature, Early Mid Mature	420	
54194	21	33.80	Tractor Pole Early Mature	420	
54194	22	6.80	Cable Early Mature, Early Mid Mature	430	
54194	23	19.10	Cable Pole Early Mature	430	
54194	24	5.50	Cable Early Mature, Early Mid Mature	430	
54194	25	0.60	Tractor Early Mature, Early Mid Mature	420	
54194	26	3.10	Tractor Early Mature, Early Mid Mature	420	
54194	27	1.00	Cable Early Mature, Early Mid Mature	430	
54194	28	28.10	Tractor Pole Early Mature	420	
54194	29	22.30	Tractor Early Mature, Early Mid Mature	420	
54194	30	5.70	Tractor Early Mature, Early Mid Mature	420	
54194	31	5.70	Tractor Early Mature, Early Mid Mature	420	
54194	33	14.60	Tractor Pole Early Mature	420	
54194	37	40.90	Tractor Early Mature, Early Mid Mature	420	
54194	39	1.80	Tractor Plantation	420	
54194	40	2.70	Cable Early Mature, Early Mid Mature	430	
54194	41	1.40	Tractor Early Mature, Early Mid Mature	420	
54194	42	1.40	Cable Pole Early Mature	430	
54194	43	6.10	Tractor Early Mature, Early Mid Mature	420	

A01: STRATA, UNIT, PAYMENT UNIT AND SAMPLE GROUP REPORT (A1)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 6

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

CRUISE NO.	CUTTING UNIT NO.	CUTTING UNIT ACRES	CUTTING UNIT DESCRIPTION	LOG METHOD	PAYMENT UNIT NO.
54194	44	3.90	Cable Early Mature, Early Mid Mature	430	
54194	45	7.10	Cable Early Mature, Early Mid Mature	430	
54194	46	16.30	Cable Pole Early Mature	430	
54194	47	11.70	Tractor Early Mature, Early Mid Mature	420	
54194	48	31.30	Cable Early Mature, Early Mid Mature	430	
54194	51	12.60	Tractor Early Mature, Early Mid Mature	420	
54194	53	17.40	Tractor Pole Early Mature	420	
54194	54	17.40	Tractor Pole Early Mature	420	
54194	60	4.50	Tractor Early Mature, Early Mid Mature	420	
54194	61	4.90	Cable Pole Early Mature	430	
54194	62	23.40	Tractor Early Mature, Early Mid Mature	420	
54194	62a	6.60	Tractor Early Mature, Early Mid Mature	420	
54194	65	5.30	Tractor Pole Early Mature	420	
54194	66	12.60	Cable Pole Early Mature	430	
54194	68	17.80	Cable Early Mature, Early Mid Mature	430	
54194	69	2.70	Cable Early Mature, Early Mid Mature	430	
54194	71	4.30	Tractor Pole Early Mature	420	
TOTAL SALE ACRES:		568.40			

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CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 7

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

CRUISE NO.	CUTTING UNIT	STRATUM	PAYMENT UNIT
54194	01	05	
54194	02	01	
54194	03	01	
54194	04	06	
54194	05	06	
54194	06	06	
54194	07	01	
54194	08	01	
54194	09	01	
54194	10	01	
54194	11	06	
54194	12	01	
54194	13	01	
54194	14	01	
54194	15	05	
54194	16	01	
54194	17	01	
54194	18	06	
54194	19	03	
54194	20	04	
54194	20a	06	
54194	21	03	
54194	22	04	
54194	23	02	
54194	24	04	
54194	25	06	
54194	26	06	
54194	27	04	
54194	28	03	
54194	29	06	
54194	30	06	
54194	31	06	
54194	33	03	
54194	37	06	
54194	39	05	
54194	40	04	
54194	41	06	
54194	42	04	
54194	43	06	
54194	44	04	

CRUISE NO.	CUTTING UNIT	STRATUM	PAYMENT UNIT
54194	45	04	
54194	46	02	
54194	47	06	
54194	48	04	
54194	51	06	
54194	53	03	
54194	54	03	
54194	60	06	
54194	61	02	
54194	62	06	
54194	62a	06	
54194	65	03	
54194	66	02	
54194	68	04	
54194	69	04	
54194	71	03	

A01: STRATA, UNIT, PAYMENT UNIT AND SAMPLE GROUP REPORT (A1)
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RUN DATE & TIME: 11/21/2024 11:54:23 AM

STRATUM	SAMPLE GROUP	FREQ	KZ	BIG BAF	SMALL FPS	DESCRIPTION
01	DF	2	0	0		DF
01	MS	1	0	0		Minor Species
02	DF	7	0	0		DF
02	MS	1	0	0		Minor Species
03	DF	5	0	0		DF
03	MS	1	0	0		Minor Species
04	DF	2	0	0		DF
04	MS	1	0	0		Minor Species
05	DF	11	0	0		DF
05	MS	1	0	0		Minor Species
06	DF	5	0	0		DF
06	MS	1	0	0		Minor Species

A02: PLOT INFORMATION REPORT (A1)
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 10

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	PLOT KPI	NULL PLOT?
54194	12	02	01	46	329	0	
54194	14	02	01	75	10	0	
54194	15	02	01	65	15	0	
	REMARKS >>	LD out 34.9 feet from plot center 17.3 dbh 26% slope					
54194	16	03	01	70	344	0	
	REMARKS >>	ld out					
54194	17	03	01	41	329	0	
54194	19	03	01	40	334	0	
	REMARKS >>	ld out					
54194	20	03	01	19	332	0	
	REMARKS >>	LD tree - not a count, it was a leave treee					
54194	21	03	01	40	338	0	
	REMARKS >>	LD tree - not a count, it was a leave treee					
54194	13	07	01	72	5	0	
54194	5	08	01	55	320	0	
54194	6	08	01	50	340	0	
54194	8	08	01	51	309	0	
54194	7	09	01	16	24	0	
54194	9	09	01	54	8	0 YES	
	REMARKS >>	5 trees in but over 17 feet apart					
54194	10	09	01	50	21	0	
54194	2	10	01	47	336	0	
54194	3	10	01	25	5	0	
54194	4	10	01	57	25	0	
	REMARKS >>	9 walkthrough for 7					
54194	11	12	01	42	347	0	
54194	22	13	01	45	17	0	
54194	23	13	01	23	324	0	
54194	24	14	01	54	329	0	
	REMARKS >>	equipment exclusion zone					
54194	25	14	01	29	360	0	
54194	18	16	01	23	306	0	
54194	1	17	01	55	282	0	
	REMARKS >>	LD in					
54194	42	23	02	50	214	0	
54194	43	23	02	34	270	0	
	REMARKS >>	Ld in for tree 4, riparian flag on tree that was not painted but not added to plot count-tree was revisited 11/18 LS and was counted as tree 8. equipment exclusion zone. tree 7 walkthrough					
54194	44	23	02	42	234	0	
	REMARKS >>	walkthrough trees					

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	PLOT KPI	NULL PLOT?
54194	45	23	02	28	228	0	
54194	46	23	02	36	249	0	
54194	47	23	02	47	210	0	
54194	48	23	02	27	264	0	
54194	49	23	02	52	258	0	
54194	50	23	02	32	208	0	
54194	34	46	02	29	245	0	
54194	35	46	02	31	189	0	
54194	36	46	02	31	276	0	
54194	37	46	02	45	194	0	
54194	38	46	02	43	293	0	
54194	39	46	02	50	154	0	
54194	40	46	02	39	199	0	
54194	41	46	02	42	250	0	
54194	32	61	02	53	200	0	
54194	33	61	02	52	192	0	
54194	26	66	02	40	250	0	
	REMARKS >>	LD out					
54194	27	66	02	45	203	0	
	REMARKS >>	plot center in skid trail. wild life tree nearby					
2	walkthrough trees						
54194	28	66	02	35	223	0	
	REMARKS >>	near skid trail					
54194	29	66	02	48	240	0	
54194	30	66	02	35	182	0	
54194	31	66	02	31	151	0	
54194	66	19	03	9	130	0	
	REMARKS >>	tree 4 was determined to not meet merch specs and was removed from plot. walkthrough tree 7 was removed as well 10/24/24 LS					
54194	53	21	03	26	66	0	
	REMARKS >>	tree 2 was determined to be out. walkthrough tree 7 was removed as well. 10/24/24 LS					
54194	57	21	03	20	122	0	
	REMARKS >>	used blue flagging					
54194	58	21	03	44	127	0	
54194	62	21	03	18	128	0	
	REMARKS >>	tree 5 is walkthrough tree for tree 2					
54194	63	21	03	32	53	0	
54194	64	21	03	24.5	77	0	
54194	65	21	03	14	54	0	
	REMARKS >>	tree 3 was determined to be out by LD. 10/24/24 LS					
54194	71	28	03	17	261	0	
54194	72	28	03	25	240	0	
	REMARKS >>	Ld out					

A02: PLOT INFORMATION REPORT (A1)
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 12

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CRUISE NO.	PLOT NO.	CUTTING UNIT NO.	STRATA NO.	SLOPE %	ASPECT	PLOT KPI	NULL PLOT?
54194	73	28	03	33	233	0	
	REMARKS >>	1d out					
54194	74	28	03	16	164	0	
54194	75	28	03	12	230	0	
	REMARKS >>	road next to plot center			not shown on map		
54194	68	33	03	37	210	0	
54194	69	33	03	32	277	0	
54194	70	33	03	23	158	0	
54194	51	53	03	27	224	0	
54194	52	53	03	47	201	0	
	REMARKS >>	Tree 1 LD in					
54194	54	53	03	37	273	0	
54194	55	53	03	14	229	0	
54194	59	54	03	51	278	0	
54194	60	54	03	18	234	0	
	REMARKS >>	Tree 6 LD in					
54194	61	54	03	44	182	0 YES	
	REMARKS >>	null plot					
54194	56	65	03	42	213	0	
	REMARKS >>	near equipment exclusion zone.			near old skid trail.		
54194	67	71	03	13	294	0	
54194	90	20	04	13	71	0	
	REMARKS >>	tree 5 and walkthrough tree 7			determined out of plot. trees were not re numbered at plot 10/24/24		
54194	98	22	04	39	358	0	
54194	100	22	04	32	359	0	
54194	96	24	04	31	290	0 YES	
	REMARKS >>	3 wildlife trees near center.			caused no close trees to measure		
54194	97	24	04	52	245	0	
54194	99	40	04	47	186	0	
	REMARKS >>	2 wildlife trees. LD out					
54194	95	44	04	34	350	0	
54194	76	45	04	36	209	0	
	REMARKS >>	2 LD OUT					
54194	77	45	04	45	304	0	
	REMARKS >>	added 2 more wildlife trees,			total 4		
54194	78	45	04	45	310	0	
	REMARKS >>	tree LD 3					
54194	83	48	04	32	248	0	
54194	85	48	04	37	243	0	
54194	86	48	04	50	194	0	

[illegible]

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 14

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	P	T	R	Y	I	E	M	D	R	I	B
A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B													

01	02	12	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	12	2	DF	01	20	DF	C	M	1	01	3	LM	CL	L	1	27.6	114	F	11.0

REMARKS: crook @40.5-43.5ft

slight sweep in log 2 no deduction

swollen knot @21ft-is swollen but no major defect indicators, no conk-no deduction 10/29/24

01	02	12	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	12	4	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	11.5	72	F	6.0

REMARKS: dsl@4ft w/swelling

dsl@5.1ft no swelling

severe sweep @0.8-4.6ft

bleeding knot @51ft

dsl @51ft

swollen knot bleeding @52ft looks like maybe a rub or canker could be from branches rubbing in wind- no deduction 10/29/24

01	02	12	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	14	1	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	8.6	71	F	6.0

REMARKS: severe sweep @36ft to 50.5ft

01	02	14	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	14	3	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	13.5	107	F	7.0

REMARKS: LD in. swollen knots @10-11.1 (10.5), 9.3-9.7 (9.5)-not swollen knots actually closed cankers-no deduction 10/30/24

01	02	14	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	14	5	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	13.0	90	F	7.0

REMARKS: dsl @50, 63ft

01	02	14	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	15	1	DF	01	20	DF	C	M	1	01	1	LM	CL	L	1	13.0	102	F	7.0

REMARKS: no defect

01	02	15	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	15	3	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	18.4	117	F	8.0

REMARKS: bleeding knot at 1, no deduction

DSL at 5.4

slight crook from 14.5-15.5

01	02	15	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	02	15	5	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	11.8	87	F	6.0

REMARKS: ASL at 45, no deduction

01	02	15	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	03	16	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	03	16	2	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	19.3	120	F	8.0

REMARKS: swollen knot @6.4ft-is a swollen branch but no deduction 10/30/24

01	03	16	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	03	16	4	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	19.8	126	F	8.0

REMARKS: crook @36-38ft

slight sweep no deduction

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 15

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	R	M	D	R	I	B
01	03	16	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	17	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	17	2	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	17.8	104	F	8.0							
REMARKS: dead sucker limbs 13, 45.5 black spot 42, no swelling																											
01	03	17	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	17	4	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	14.5	99	F	7.0							
REMARKS: trunk scar 6.5 - 7.1 swollen knot, bleeding 67.5-no pini no deduction 10/30/24 living sucker limb 47																											
01	03	19	1	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	11.9	101	F	6.0							
REMARKS: slight sweep @19-21 ft. no defect																											
01	03	19	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	19	3	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	18.3	113	F	8.0							
REMARKS: sweep @22-23.5 ft dsl@30ft bleeding knot @36ft swollen knot @78ft-no pini no deduction 10/30/24																											
01	03	19	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	19	5	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	10.7	98	F	6.0							
REMARKS: swollen, bleeding, closed canker @0.8-1.3ft																											
01	03	20	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	20	2	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	15.0	106	F	7.0							
REMARKS: no seen defect																											
01	03	20	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	20	4	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	16.3	105	F	7.0							
REMARKS: small fp conks 4.3, 6.8, 11, 16, 19 spiral lightening scar 29-44 affecting 2 faces no rot no swelling bark is tight																											
01	03	20	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	20	6	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	16.9	107	F	7.0							
REMARKS: no seen defect just ugly. poor genetics																											
01	03	20	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	20	8	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	15.5	87	F	7.0							
REMARKS: crook 18-20, live sucker limb @ 19 dead sucker limb 5.4																											
01	03	20	9	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0								
01	03	20	10	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	16.8	117	F	7.0							
REMARKS: small fp conks 3, 5.2, 5.4, 7, 10, bleeding knot 13ft swollen knot 10ft sweep 32-36																											

01 03 20 11 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

CRUISE OF RECORD 11/21/2024

01	09	7	2	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	10.5	61	F	6.0
REMARKS: DSL @2.5ft, no deduction																				
DSL @18ft																				
01	09	10	1	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	13.3	93	F	7.0
REMARKS: DSL at 19																				
DSL at 45.5																				
crook at 18.5 to 21																				
bleeding spot at 3.1 no deduction.																				
scar at 2.3 no deduction.																				
01	09	10	2	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0

CRUISE OF RECORD 11/21/2024

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	S	P	R	R	S	C	T	R	U	P	R	Y	L	R	M	D
A	N	I	O	E	S	I	C	P	E	S	T	N	E	F	I	K	D	E	E	R	I
A	T	T	E	S	I	C	P	E	S	T	N	E	F	I	K	D	E	E	R	I	B
01	09	10	3	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	14.2	96	F	7.0	
REMARKS: swollen knot at 24-swollen branch no pini no deduction 10/30/24																					
01	10	2	1	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	10.7	87	F	6.0	
REMARKS: no defect																					
01	10	2	2	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
01	10	2	3	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	15.9	72	F	7.0	
REMARKS: no defect																					
01	10	2	4	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
01	10	3	1	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
01	10	3	2	PP	01	20	MS	C	M	1	01	0	LJ	CL	L	1	10.6	75	F	6.0	
REMARKS: DSL @3.6 with swelling																					
a lot of branches are up-pointing																					
weird lump/ possible closed canker @ 4.45-4.75																					
01	10	3	3	PP	01	20	MS	C	M	1	01	4	LJ	CL	L	1	21.6	96	F	9.0	
REMARKS: swollen knot @45ft, lumpy																					
swollen knot @48ft, & @51, & @57																					
01	10	4	1	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	16.5	111	F	7.0	
REMARKS: DSL @27ft, bleeding																					
DSL @48 & @41																					
01	10	4	2	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
01	10	4	3	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	14.4	96	F	7.0	
REMARKS: lightsweep throughout top, no deduction																					
01	10	4	4	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
01	10	4	5	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	10.7	89	F	6.0	
REMARKS: slight sweep in no merch, no deduction																					
DSL @39ft and bleeding knot																					
01	10	4	6	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
01	10	4	7	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	15.4	96	F	7.0	
REMARKS: walk through for 9																					
slight sweep, no deductions through tree																					
01	10	4	8	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	
REMARKS: walkthrough for 1																					
01	10	4	9	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	15.4	96	F	7.0	
REMARKS: walkthrough of 7																					
slight sweep, no deductions through tree																					
01	12	11	1	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	11.1	87	F	6.0	
REMARKS: severe sweep in butt log @0-11ft																					
dsl at 4'																					
01	12	11	2	DF	01	20	DF	C	C	1	01	0		CL	L	1	0.0	0	F	0.0	

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 18

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	R	M	P	R	Y	I	E	M	D	R	I	B
A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B														

01	13	22	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	13	22	2	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	18.7	122	F	8.0

REMARKS: slight sweep log 2 no deduction

3 live sucker limbs 58.5, 49, 42

01	13	22	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	13	22	4	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	12.5	83	F	6.0

REMARKS: live sucker 48 ft

01	13	23	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	13	23	2	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	12.5	108	F	6.0

REMARKS: slight sweep log 1 no deduction

open canker 84-86 swelling, black. rotten appearance

01	14	24	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	14	24	2	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	21.5	112	F	9.0

REMARKS: small canker healed over, no deduction (2.1) slight sweep in log 1, no deduction

01	14	24	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	14	24	4	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	9.3	115	F	6.0

REMARKS: sweep through entire tree, no deduction

01	14	24	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	14	24	6	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	12.8	111	F	6.0

REMARKS: dead sucker limb 3.6

swelling 3.1 up to 4 from DSL

swollen knot 1.9-swollen branch but no pini no deduction-10/30/24

01	14	25	1	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	11.0	79	F	6.0
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REMARKS: swollen knots at 8.0, 9.0, 10.0, and multiple small conks at 4.5, 5.5, 5.8, 11.0; 100% cull in log 1

01	14	25	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	14	25	3	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	14.4	104	F	7.0

REMARKS: sweep no deduction, deep furrow but no rot, healed over, no deduction.

01	16	18	1	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	19.2	106	F	8.0
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REMARKS: bleeding knot at 3.6', bleeding knots at 39, 43, 47, no deductions

01	16	18	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	17	1	1	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	17.7	93	F	8.0

REMARKS: DSL in butt log, no deduction

DSL @1.2ft

DSL @5.3ft, with swelling

swollen knot @7.8ft, bleeding in surrounding knot-no pini no deduction 10/30/24

black ring around branch @57ft, no reduction

01	17	1	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
01	17	1	3	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	15.7	99	F	7.0

REMARKS: swollen knot @6.95ft, light bleeding- swollen branch but no pini no deduction 10/30/24

DSL @5.3ft, bleeding

weird branch growth with potential DSL, no deduction @12ft, no bleeding/swelling

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	P R O D	P R O D	S M P	C U C /T /C E M O A E U V A N E S T	U P R K R D I N C O M A E S	M R K R I N T I F L	T L R I E V E D G B H A D O D E B	T M D R I B T P R Y P P E D

02	23	42	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	42	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	42	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	42	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	42	5	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	15.1	64	F	7.0

REMARKS: non-genetic fork top 42ft with new lead. old broken top evident
non genetic fork at 48.5
non genetic fork at 49.5
old broken top evident
scar closed 36-39 ft
crook 37 -38

02	23	43	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	43	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	43	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	43	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	43	5	DF	01	20	DF	C	M	1	01	1	LM	CL	L	1	14.1	96	F	7.0

REMARKS: dsl 29.5 ft rot/bleeding & 39.5ft
crook 39.5-40.5ft
bleeding knot/swollen 33ft(no deduction) & 39ft(no deduction) & 45ft 10/30/24
trunk scar 39-40ft
trunk scar open and bleeding
bleeding knot 53.5 ft & 54ft
swollen knot 24.5-no deduction 10/30/24

02	23	43	6 DF	01	20	DF	C C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	43	7 DF	01	20	DF	C C	1	01	0	CL	L	1	0.0	0	F	0.0

	REMARKS:	walk through on 6																
02	23	43	8 DF	01	20	DF	C C	1	01	0	LS	CL	L	1	0.0	0 F	0.0	
	REMARKS:	revisited plot and redetermined in																

02	23	44	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	44	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	44	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	44	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	44	5	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	17.9	136	F	8.0

REMARKS: slight sweep through out tree, no deduction
swollen knot, non bleeding 72 ft-no deduction 10/30/24
bleeding knot no deduction 4.6 & 4.8
crook 78 ft-79 ft

02	23	44	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	44	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	8	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	9	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	10	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	11	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	12	DF	01	20	DF	C	M	1	01	1	CL	L	1	14.9	117	F	7.0

REMARKS: no defect

10.5-12 scar no exposed wood, no rot, no defect possible animal damage

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 20

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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A	T	T	E	S	I	C	P	E	S	T	S	F	L	P	D	E	B	T	E	D					

02	23	44	13	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	14	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	15	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	16	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	17	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	18	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	23	44	19	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

REMARKS: walk through on 11

02	23	44	20	DF	01	20	DF	C	M	1	01	1	LM	CL	L	1	14.9	117	F	7.0
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REMARKS: walk through 12

no defect

02	23	44	21	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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REMARKS: walk through 13

02	23	45	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	45	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	45	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	45	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	45	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	45	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	45	7	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	9.0	71	F	6.0
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REMARKS: closed canker 2ft (little swelling, no bleeding, no rot)

dsl 47.5 ft

small scar from oak rub, small open

;not fully healed 57-57.5ft

scar open, bleeding, semi fresh 60-63ft

sweep 57.5-61.5 ft

crook 45.5-47.5 ft

02	23	46	1	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	21.1	120	F	9.0
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REMARKS: swollen knot 30ft- no deduction 10/30/24

dsl 30 ft, 42ft

crook 42-43ft

02	23	46	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	46	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	46	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	46	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	46	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	46	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	23	46	8	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	19.9	106	F	8.0
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REMARKS: crook 35.5-38

2 dsl broken\swelling 30ft

swelling 36ft

dark swollen knots, 37ft & 42ft-no deductions 10/30/24

black spot\bleedingbknot 39ft no deduction.
closed scar 36ft
02 23 46 9 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

CRUISE OF RECORD 11/21/2024

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

[illegible]

02	23	46	10	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	47	7	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	10.0	86	F	6.0

REMARKS: LD in

crook @26-29ft

ds1 @23ft, 28.5ft

02	23	48	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	48	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	48	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	48	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	49	1	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	24.4	129	F	9.0

REMARKS: crook 51-54ft

dsl 51ft

swollen knot at 41'-no deduction 10/30/24

02	23	49	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	49	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	49	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	49	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	49	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	49	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	23	50	7	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	9.7	60	F	6.0

REMARKS: dsl@40ft

small crook @32.5-33ft no deduction

small crook at 45ft no deduction

02	46	34	1 DF	01	20	DF	C M	1	01	0	LS	CL	L	1	10.7	94	F	6.0
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REMARKS: dsl @20, crook@20-21

canker closed @15-16ft, no deduct

crook @50-51

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 22

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	P	T	R	Y	I	E	M	D	R	I	B
A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B													

02	46	34	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
02	46	34	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
02	46	34	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
02	46	34	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
02	46	34	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
02	46	34	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
02	46	34	8	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	10.7	92	F	6.0												

REMARKS: 2 dsl @48 and crook @45-48, LD in

02	46	34	9	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	34	10	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														

REMARKS: LD in

02	46	34	11	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	34	12	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														

REMARKS: WT for tree 10

02	46	35	1	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	18.1	98	F	8.0													
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REMARKS: slight sweep no deduction. crook from 33 to 36. 1' scar at 30. small canker at 12 closed no deduction

02	46	35	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	35	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	35	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	35	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	35	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	35	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	36	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	36	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	36	3	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	18.1	107	F	8.0													

REMARKS: 4 dsl; @2.7, @48, @48, @49.

swollen\bleeding knot @2.7 (due to DSL, no fungus present)

swollen knot @8.5

non-genetic fork @51

02	46	36	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	36	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	36	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0														
02	46	37	1	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	11.4	88	F	6.0													

REMARKS: slight crook\sweep no deduct

swollen\bleeding knot @5.3-no deduction 10/30/24

trunk scar @41-43, no visual evidence of rot, possible rub scar, no exposed wood, no deduction

dsl@73 ft (non merch)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

[illegible]

02	46	37	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	37	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	37	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	37	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	37	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	37	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	38	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	38	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
REMARKS: LD in																				
02	46	38	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	38	4	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	23.3	140	F	9.0

REMARKS: LD in

broken top 96 ft

non genetic fork top 96ft

no swollen branches

black mark 60 ft

```
small;
```

pin1 conk 1, 2.1 ft

pini conk 2, 5.2 ft

pini conk 3, 4.5 ft

pini conk 4, 2.7 ft

pini conk 5, 11.3 ft

pini conk 6, 14.2 ft

pini conk 7, 14.5 ft

pin1 conk 8, 16.4 ft

pini conk 9, 18.6 ft

pin1 conk 10, 19.4 ft

pini conk 11, 35.2 ft

medium;

pini conk 12, 4.7 ft

pin1 conk 13, 4.7 ft

pini conk 14, 7.6 ft

pin1 conk 15, 9.5 ft

pin1 conk 16, 9.4 ft

pini conk 17, 23.3 ft

pin1 conk 18, 21.7 ft

pin1 conk 19, 28.6 ft

Ave 1 24.5 dbh 145 ft height

Ave 2 25.3 dbh 159 ft height

Ave 3 24.8 dbh 118ft height

Ave height 140

02	46	38	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02 46	39	1 DF	01 20	DF	C C	1 01	0	CL L 1	0.0	0 F	0.0
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REMARKS: LD in																				
02	46	39	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	40	1	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	14.5	86	F	7.0
REMARKS: slight crook at 50 no deduction																				
02	46	40	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	40	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	40	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	40	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	41	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	41	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	41	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	41	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	46	41	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	32	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	32	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	32	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	32	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	

CRUISE OF RECORD 11/21/2024

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

[illegible]

02	61	32	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	33	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	33	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	33	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	33	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	33	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	61	33	6	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	15.5	80	F	7.0

REMARKS: trunk scar -2.9ft, 4in wide, 1in length, healed over

DSL-30ft

ASL-30ft, no deduction

ASL-27ft, no deduction

crook-31-33ft

02	66	26	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
02	66	26	2	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	22.0	124	F	9.0

REMARKS: slight sweep, no deductions

02	66	26	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	66	27	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	66	27	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	66	27	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	66	27	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	66	27	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

REMARKS: walkthrough for tree 8

02	66	27	6	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	20.6	144	F	8.0
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REMARKS: walkthrough for tree 9

slight lean, no deduction

DSL @66.5ft

old scar @30-33ft, healed, no deduction, no bleeding, no swelling

02	66	27	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	66	27	8 DF	01	20	DF	C C	1	01	0	CL	L	1	0.0	0	F	0.0
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REMARKS: walkthrough of tree 5

02	66	27	9	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	20.6	144	F	8.0
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REMARKS: walkthrough of tree 6

slight lean, no deduction

DSL @66.5ft

old scar @30-33ft, healed, no deduction, no bleeding, no swelling

02	66	28	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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02	66	28	2 DF	01	20	DF	C C	1	01	0	CL	L 1	0.0	0 F	0.0
02	66	28	2 DF	01	20	DF	C C	1	01	0	CL	L 1	0.0	0 F	0.0

02	66	28	3 DF	01	20	DF	C C	1	01	0	CL	L 1	0.0	0 F	0.0
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02	66	28	4 DF	01	20	DF	C C	1	01	0	CL	L 1	0.0	0 F	0.0
02	66	28	4 DF	01	20	DF	C C	1	01	0	CL	L 1	0.0	0 F	0.0

02	66	29	1 DF	01	20	DF	C C	1 01	0	CL	L 1	0.0	0 F	0.0
02	66	29	1 DF	01	20	DF	C C	1 01	0	CL	L 1	0.0	0 F	0.0

02	00	29	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
02	66	29	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 25

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	R	M	R	Y	I	E	D	T	H	B	P	T	R	Y	P	P	E	D
A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B					T										

02	66	29	3	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	29	4	DF	01	20	DF	C	M				1	01	2	LJ	CL	L	1				21.0		115	F		9.0				

REMARKS: open bleeding scar, with rot @53.5-55.5

DSL @67.5, @51,@42,@18ft

crook @46-50ft

crook @33-35ft

crook @15-19ft

02	66	30	1	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	30	2	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	30	3	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	30	4	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	30	5	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	30	6	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	30	7	DF	01	20	DF	C	M				1	01	0	LJ	CL	L	1				10.8		64	F		6.0				

REMARKS: slight sweep @ butt log, no deduction

crook @27-28ft

DSL @27.5ft

ASL @54 & @55ft

genetic fork @56

non-genetic fork @60 in non-merch log

02	66	30	8	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	31	1	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	31	2	DF	01	20	DF	C	M				1	01	1	LS	CL	L	1				15.0		115	F		7.0				

REMARKS: LD in

gradual sweep, 26-28ft (1ft total defect=no deduction)

gradual sweep throughout tree

02	66	31	3	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
02	66	31	4	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	19	66	1	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	19	66	2	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	19	66	3	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	19	66	5	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	19	66	6	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	19	66	8	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				

REMARKS: walk through on 5

03	19	66	9	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
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REMARKS: walk through on 6

03	21	53	1	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	21	53	3	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	21	53	4	DF	01	20	DF	C	C				1	01	0		CL	L	1				0.0		0	F		0.0				
03	21	53	5	DF	01	20	DF	C	M				1	01	2	LS	CL	L	1				17.9		94	F		8.0				

REMARKS: dsl 32ft

genetic fork 40ft

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 26

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	P	T	R	Y	I	E	M	D	R	I	B
A	T	I	O	E	E	S	I	C	P	E	S	T	S	F	L	P	D	E	B	T	E	D										

03	21	53	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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REMARKS: walk through on 1

03	21	53	8	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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REMARKS: walk through on 3

03	21	57	1	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	16.5	86	F	7.0												
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REMARKS: broken top @ 59ft

tree height averages

tree 1 dbh 17.2, ht 93 ft

tree 2 dbh 15.7, ht 101ft

tree 3 dbh 14.7, ht 65ft

Ave ht 86.3ft

tree 1 is shorter than other nearby trees with similar DBH, the ave ht 86.5ft seems a lot higher than we believe the original height estimate 6ft broke off

tree 1 has signs of galls on multiple branches but no apparent defect in bole

03	21	57	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	57	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	58	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	58	2	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	10.5	79	F	6.0												
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REMARKS: non genetic fork 32 ft canker 32-33 ft

asl 27 ft

canker 1.3-1.6 ft

some bleeding knot, no exposed wood

canker 1.7-2.2 ft

pini conk small 4 ft

03	21	58	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	58	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	58	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	58	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	58	7	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	15.0	83	F	7.0												
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REMARKS: slight crook 70 ft

03	21	62	1	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	15.5	99	F	7.0												
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03	21	62	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	62	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	62	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	62	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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REMARKS: walk through on 2

03	21	63	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	63	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0													
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03	21	63	3	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	13.4	60	F	7.0												
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REMARKS: trunk scar 1@ 0.9-5.9 ft,

swelling

dbh taken 3.5 ft

trunk scar 2 @12-14ft, trunk scar 3 @ 16-17.5 (no deductions)

crook 41.5-43 ft

recent broken top (non merch log)

s1, sweep

03	21	63	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	21	63	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	21	63	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	21	63	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

CRUISE OF RECORD 11/21/2024

scar @48-51ft small 1 face no swelling, no bleeding (exposed wood (fresh rub from oak)

03	28	73	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	28	73	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	28	73	8	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	28	73	9	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 28

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S	T	R	U	P	T	C	P	P	S	T	N	E	U	P	M	R	L	R	T	M	D
A	N	L	R	I	P	S	G	A	E	U	E	D	I	O	E	A	-	Y			
T	I	O	E	E	R	E	R	V	A	N	A	E	T	M	A	D	O	H	P	P	
A	T	T	E	S	I	C	P	E	S	T	S	F	L	P	D	E	B	T	E	D	

03	28	74	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	28	74	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	28	74	3	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	21.4	93	F	9.0

REMARKS: crook @3.5-1.5ft @base

trunk scar 1 @2.9-3.7ft

no bleeding, grown in, no worm holes or rot

trunk scar 2 @5.7-7.0ft, ingrown, no rot, no bleeding

frost crack, @8.6-7.4ft, bleeding

swollen knot@9, looks rotten, some swelling @7.8ft, deduction 4ft above and below

no pini conks visible-no deduction 10/30/24

bleeding knots @3,3.2,3.5,4,5.7,6.6,5.4ft, likely cut from fuel deduction work

03	28	74	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	28	74	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	28	74	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

REMARKS: walk through on tree 5

03	28	75	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	28	75	2	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	24.7	126	F	9.0

REMARKS: pini conk small @ 0.35ft

scar 2.6-2.8 (healed, no rot, no swelling, from old mechanical)

2 swollen knots @ 3.7

swollen knot @ 5.1

swollen knot (sk) @ 6.8ft

sk w\bleeding @ 6.9ft

dsl @14.5ft w\swelling

dsl @33ft

crook @39-42ft

trunk scar (open, large (2faces) exposed wood, swelling and bleeding) @57-62ft

asl@57ft

asl@60ft

small trunk scar healed over @68.5-69.5ft

crook @69.5-73.5ft

dsl@73.5ft

03	33	68	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	68	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	68	3	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	17.1	106	F	8.0

REMARKS: crook @18-21ft

crook @42-48ft

dsl @21ft, 45ft

sweep in log 1 no deduction

?frost crack @2.5-7.6ft? (see photos)

03	33	68	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	33	68	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	33	68	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

03	33	69	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	69	2	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	12.2	69	F	6.0

REMARKS: old scar healed in butt log (not a basal scar) no deduction

non genetic fork @55.5ft

swollen knot @2.4ft closed no bleeding no rot- no deduction 10/30/24

dsl@2.9ft w\bleeding

black spot at fork (no deduction)

dead branch laying on fork (causing the black spot?)

03	33	69	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	69	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	70	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	70	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	33	70	3	DF	01	20	DF	C	M	1	01	1	LM	CL	L	1	15.1	91	F	7.0

REMARKS: sweep in log 1 (9-12ft)

weird flat top but no evidence of broken

03	33	70	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	33	70	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	33	70	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	33	70	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

CRUISE OF RECORD 11/21/2024

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	P O D	P O D	S M P	C T N E R / C E M O U N T E S T	U P R K R I N T E R S T	M R K I N T E R S T	T R E E D E B T	L R I E D B T	M D R I B T P Y P E D		
03	33	70	8	DF	01	20	DF	C M	1	01	1	LM	CL L 1	16.0	84 F 7.0
REMARKS: bleeding dsl@22.5ft															
healed scar @1.8-2.4ft no deduction															
03	33	70	9	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: LD in															
03	33	70	10	DF	01	20	DF	C M	1	01	1	LM	CL L 1	16.0	84 F 7.0
REMARKS: walk through 8															
03	33	70	11	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: walk through 9															
03	53	51	1	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
03	53	51	2	WF	01	20	MS	C M	1	01	2	LM	CL L 1	18.5	114 F 8.0
REMARKS: walkthrough for Tree 12															
no defect in white fir															
03	53	51	3	DF	01	20	DF	C M	1	01	2	LM	CL L 1	21.6	126 F 9.0
REMARKS: crook @34-36ft															
closed trunk scar @45-46ft, no bleeding															
crook @48-49.5ft															
DSL @59.5															
03	53	51	4	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: walkthrough tree for Tree 13															
03	53	51	5	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: walkthrough tree for 14															
03	53	51	6	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
03	53	51	7	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
03	53	51	8	DF	01	20	DF	C M	1	01	0	LM	CL L 1	11.4	75 F 6.0
REMARKS: crook @33-36ft															
DSL @42ft & @48ft															
crook @48-49ft															
crook @57ft in non-merch log															
03	53	51	9	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
03	53	51	10	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
03	53	51	11	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
03	53	51	12	WF	01	20	MS	C M	1	01	2	LM	CL L 1	18.5	114 F 8.0
REMARKS: walkthrough of Tree 2															
no defect in white fir															
03	53	51	13	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: walkthrough tree of 4															
03	53	51	14	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: walkthrough tree of 5															
03	53	52	1	DF	01	20	DF	C C	1	01	0		CL L 1	0.0	0 F 0.0
REMARKS: LD in															

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 30

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B	T	E	D

03	53	52	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	54	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	54	2	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	24.0	129	F	9.0

REMARKS: 2 DSL @39ft

DSL @42, @48ft

LSL @45 & @48ft

crook @39-42.5ft

genetic fork @50.5ft

trunk scar @57-58ft, with swelling and bleeding, wood not exposed, no rot

swollen bleeding knot @57ft-is swollen with some bleeding not major swelling weird branching on tree as well-no deduction 10/29/24

03	53	54	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	54	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	54	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	54	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	54	7	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	11.5	57	F	6.0

REMARKS: non-genetic fork@50ft

slight crook on non-merch log @45.5-47ft

03	53	54	8	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	55	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	55	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	53	55	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	59	1	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	18.9	120	F	8.0

REMARKS: dsl at 42ft

dsl at 43.5ft

crook @40-44.5

03	54	59	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	59	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	59	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	59	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	59	6	DF	01	20	DF	C	M	1	01	0	LJ	CL	L	1	8.1	59	F	6.0

REMARKS: log 1 slight sweep no deduction

swollen knot @30.5ft-some swelling but not major nor indicative of rot or association with conk-no deduction 10/29/24

crook @39-42ft

DSL @39ft & @51.5ft

non-genetic fork @53.5 where broke and grew new leader

03	54	60	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	60	2	DF	01	20	DF	C	M	1	01	4	LJ	CL	L	1	32.1	142	F	12.0

REMARKS: swollen knot @12ft-swell is present no conk evaluation determined large branch with smaller branch coming out of same place giving

swollen appearance no deduction 10/29/24

crook @42.5-45.5ft

DSL @44.5 & @46ft

rub @48-54ft, no deduction
genetic fork @48ft
bleeding knot @68ft & @70ft & @75ft
trunk scar @68.5-69.5ft

03	54	60	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	60	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	60	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	54	60	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
REMARKS: LD in																				
03	65	56	1	PP	01	20	MS	C	M	1	01	3	LJ	CL	L	1	15.9	87	F	7.0

REMARKS: small crook @27-33ft
scar @3.75-5.1ft, open, exposed cambium, bleeding old
scar in butt log @0-1ft, healed, closed
non-genetic fork @78ft

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 31

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

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A	T	I	O	E	E	R	E	R	V	A	N	S	F	L	P	D	E	B	T	E	D				

03	65	56	2	PP	01	20	MS	C	M	1	01	4	LJ	CL	L	1	26.0	144	F	11.0
REMARKS: crook @37-38ft																				

non-genetic fork @67ft

DSL @72ft

Swollen knot @73ft-no deduction in pine 10/29/24

genetic fork @95ft

03	65	56	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	65	56	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	3	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	17.4	86	F	8.0

REMARKS: non-genetic fork 35 ft

elbow crook (from genetic fork) 35-37 ft

very slight crook 38-40 ft

03	71	67	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
03	71	67	8	DF	01	20	DF	C	M	1	01	3	LS	CL	L	1	26.0	86	F	11.0

REMARKS: swelling knots but no signs of fungus or rot, bleeding

small basal scar from possible mechanical damage, no sign of swelling or rot (no deduct)

crook 32-36.5 ft

03	71	67	9	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	71	67	10	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
03	71	67	11	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

REMARKS: walk through 4

03	71	67	12	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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REMARKS: walk through 5

03	71	67	13	DF	01	20	DF	C	C	1	01	0	LS	CL	L	1	0.0	0	F	0.0
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REMARKS: walk through 6

03	71	67	14	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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REMARKS: walk through 7

03	71	67	15	DF	01	20	DF	C	M	1	01	3	LS	CL	L	1	26.0	86	F	11.0
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REMARKS: walk through 8

same as tree 8

04	20	90	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
04	20	90	2	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	19.9	92	F	8.0

REMARKS: LD in

basal scar in contact w/floor 1.9ft in width, 3.6ft in length, wood is sound no decay (affecting 2 faces)

crook @49.6-53.6, 62-65

04	20	90	3	DF	01	20	DF	C	M	1	01	2	LJ	CL	L	1	24.3	105	F	9.0
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REMARKS: Sweep @ 15 to 24,

large DSL @ 42,

crook @ 39-42,
crook @ 65.5-78.5, DSL @69.5,
large DSL @71.5

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 32

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

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T	I	O	E	E	R	E	R	V	A	N	A	E
A	T	T	E	S	I	C	P	E	S	T	S	F
04	20	90	4	DF	01	20	DF	C	C	1	01	0
04	20	90	6	DF	01	20	DF	C	M	1	01	2
04	22	98	1	DF	01	20	DF	C	M	1	01	0
04	22	98	2	DF	01	20	DF	C	C	1	01	0
04	22	98	3	DF	01	20	DF	C	C	1	01	0
04	22	98	4	DF	01	20	DF	C	M	1	01	2
04	22	98	5	DF	01	20	DF	C	C	1	01	0
04	22	100	1	DF	01	20	DF	C	C	1	01	0
04	22	100	2	DF	01	20	DF	C	M	1	01	0
04	24	97	1	DF	01	20	DF	C	M	1	01	1
04	24	97	2	DF	01	20	DF	C	C	1	01	0
04	40	99	1	DF	01	20	DF	C	C	1	01	0
04	40	99	2	DF	01	20	DF	C	M	1	01	2
04	40	99	3	DF	01	20	DF	C	C	1	01	0
04	44	95	1	DF	01	20	DF	C	M	1	01	2

04 20 90 4 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 20 90 6 DF 01 20 DF C M 1 01 2 LM CL L 1 24.3 105 F 9.0

REMARKS: walkthrough of tree 6Sweep @ 15 to 24,

large DSL @ 42,

crook @ 39-42,

crook @ 65.5-78.5, DSL @69.5,

large DSL @71.5

04 22 98 1 DF 01 20 DF C M 1 01 0 LS CL L 1 11.6 66 F 6.0

REMARKS: sweep no deduction

crook @63 at bottom (in non merch)

swollen knot @13ft, dark not bleeding-reevaluation determined swollen knot is a closed canker no deduction 10/30/24

swollen knot @19ft dark not bleeding-reevaluation determined swollen knot is a closed canker no deduction 10/30/24

asl @48ft

04 22 98 2 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 22 98 3 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 22 98 4 DF 01 20 DF C M 1 01 2 LM CL L 1 20.5 126 F 8.0

REMARKS: LD In

old healed trunk scar @7.6-8.4, 27-28, 37-38, 41.5-42.5, 47.5-48.5

open bleeding scar @51.5-52.5

sweep @12-18

04 22 98 5 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 22 100 1 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 22 100 2 DF 01 20 DF C M 1 01 0 LM CL L 1 12.8 105 F 6.0

REMARKS: asl@72ft

crook @48-49

sweep in butt log @2.5-4.5ft

04 24 97 1 DF 01 20 DF C M 1 01 1 LM CL L 1 14.2 103 F 7.0

REMARKS: crook from 30-31

slight lean in log 1-2 but crook corrects it, no defect

04 24 97 2 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 40 99 1 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 40 99 2 DF 01 20 DF C M 1 01 2 LJ CL L 1 20.4 87 F 8.0

REMARKS: DSL at 10

DSL at 27

crook 1 at 9-11.5

crook 2 at 27-30

swollen knot at 33-no deduction 10/30/24

scar, open, bleeding, signs of rot at 45.5-46.5

04 40 99 3 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 44 95 1 DF 01 20 DF C M 1 01 2 LJ CL L 1 21.2 138 F 9.0

REMARKS: open bleeding canker wood exposed from 6.3-8.0

DSL at 60

crook at 60-63

open bleeding canker swollen 4.6-5.2

open bleeding canker wood exposed swelling 2.4-3.3

slight gradual sweep throughout log 1 and 2 no deduction

04	44	95	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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04	44	95	3	DF	01	20	DF	C	M	1	01	1	LJ	CL	L	1	14.7	111	F	7.0
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REMARKS: LD in
velvet top in dripline
crook from 24-25

04	45	76	1	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	8.7	73	F	6.0
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REMARKS: swollen knot @1.6, no rot, swelling-reevaluation determined they are cankers bark is tight no decay-no deduction 10/29/24

2 swollen knots @6.6, no rot

sweep 1.6-5.1,

sweep 5.6-9.0

few small crooks less than 0.5ft in length (would equal less than 2ft defect in log)

04	45	76	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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04	45	77	1	DF	01	20	DF	C	M	1	01	0	LM	CL	L	1	12.3	81	F	6.0
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REMARKS: swollen knot @32.5 is swollen could be canker hard to tell not bleeding conk on tree next to tree 1 but no obvious conk association-no deduction 10/29/24

crook @59-60

ASL @57 (swelling in area, no swollen knot noticed)

04	45	77	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
----	----	----	---	----	----	----	----	---	---	---	----	---	----	---	---	-----	---	---	-----

REMARKS: crook from 60 - 63 ft. scars that resemble aborted conks. light sweep at 21' no deduction

04 48 92 3 DF 01 20 DF C M 1 01 0 LM CL L 1 12.7 90 F 6.0

REMARKS: sweep @0.7-3.25

slight lean from sweep

04 48 92 4 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 48 93 1 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 48 93 2 DF 01 20 DF C M 1 01 0 LM CL L 1 12.1 87 F 6.0

REMARKS: non-genetic fork with an obvious lead (old lead broke) @69ft

sweep @42-48ft

old healed scar @9.5-10ft (more rub like)

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 34

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

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A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B								

04 68 79 1 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 79 2 DF 01 20 DF C M 1 01 0 LJ CL L 1 9.6 53 F 6.0

REMARKS: swollen knots @0.6 & 3.9 & 39-no deductions 10/30/24, DSL @15, crook @41-41.5

04 68 79 3 DF 01 20 DF C M 1 01 0 LJ CL L 1 8.9 66 F 6.0

REMARKS: dbh taken at 3.9, scar @1.3-1.9 bleeding open,

, 8.0-8.5 open bleeding

12-12.5 open bleeding

rub marks from oak at

5.4 - 8.4, 9- 10.1, 12-18,

non genetic fork @33ft

obvious new leader

broken old top evident

04 68 79 4 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 79 5 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 80 1 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 80 2 DF 01 20 DF C M 1 01 5 LJ CL L 1 34.8 161 F 13.0

REMARKS: slight sweep in log 1 & log 5: no deductions

04 68 80 3 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 81 1 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 81 2 DF 01 20 DF C M 1 01 1 LJ CL L 1 15.2 105 F 7.0

REMARKS: crook @86.5-87, LSL @87, dead log @103-105, closed swollen canker @30: no deductions, bleeding knot at the crook: no deductions, swollen

closed canker @86, closed trunk scar @48-49: no deductions, bleeding trunk scar @90-91: no deductions

04 68 82 1 DF 01 20 DF C M 1 01 1 LJ CL L 1 16.7 104 F 7.0

REMARKS: 3 DSLs @63, crook @60-63, crook @56-57, sweep @2-4, two closed trunk scars @54-54.5 & 55.5-56: no deductions

04 68 82 2 DF 01 20 DF C M 1 01 1 LS CL L 1 14.0 105 F 7.0

REMARKS: flat top but not broken no deduction, slight sweep no deduction, tree 2 is LD IN

04 68 82 3 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 82 4 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

04 68 84 1 DF 01 20 DF C M 1 01 4 LM CL L 1 30.2 132 F 12.0

REMARKS: closed scar no rot @31.5-33.5

crook@27-33

sk@75-78 (~76.5) (exposed wood, bleeding, rot)- no deduction 10/30/24

sk@84, 87- no deduction 10/30/24

sk@ 87-93 (~90) (swollen and exposed, no rot)-no deduction 10/30/24

canker @71-72 (exposed, swollen, bleeding, rot)

2 DSL @75

large dsl@72

asl@84ft

crook @72-78, 84-86, 87-93

non-genetic fork w/ no obvious leader @120ft

04 68 84 2 DF 01 20 DF C M 1 01 1 LJ CL L 1 15.2 57 F 7.0

REMARKS: forking from base of tree 1 below dbh.

severe sweep in butt log up to 7.2ft

sweep 17.5 - 23

non genetic fork @33ft

break not evident

sweep 33 - non merch no deduction

small conks @ 18, 19, 24, and 30

04	68	84	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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04	68	84	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
----	----	----	---	----	----	----	----	---	---	---	----	---	----	---	---	-----	---	---	-----

04	68	84	5	DF	01	20	DF	C	M	1	01	4	LJ	CL	L	1	32.3	124	F	12.0
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REMARKS: Swollen knot @4.6-no deduction 10/30/24, deep bleeding furrow butt log: no deductions, closed trunk scar @6.2-6.8: no deductions, large trunk scar with swelling/bleeding/rot @24.5-29.5, small trunk scar @51-51.5, non genetic fork with broken leader evident and rot@89.5, DSL @106, non genetic fork @103

04	69	94	1	DF	01	20	DF	C	M	1	01	2	LM	CL	L	1	19.4	147	F	8.0
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REMARKS: bk@54ft

sweep @45-63.5

sweep more severe in lower portion

04	69	94	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
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CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 35

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

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T	I	O	E	E	R	E	R	V	A	N	A	E	T	M	A	D	O	H	P
A	T	T	E	S	I	C	P	E	S	T	S	F	L	P	D	E	B	T	E

05 01 1 DF 01 20 DF C M 0 01 0 LM CL L 1 9.1 90 F 6.0

REMARKS: slightsweep in log 1 no deduction

05 01 2 DF 01 20 DF C M 0 01 0 LJ CL L 1 10.5 94 F 6.0

REMARKS: sweep in logs 1 and 2

from 14' to 30'

05 01 3 DF 01 20 DF C I 0 01 0 LS CL L 1 12.3 82 F 6.0

REMARKS: old scar/swollen knot ingrowth @0.3:no deduction, small DSL @4.3 & 2.8:some bleeding could be bad genetics, sweep @12.9-11.7

05 01 4 DF 01 20 DF C M 0 01 2 LM CL L 1 19.2 120 F 8.0

REMARKS: sweep@27-31

05 01 5 DF 01 20 DF C I 0 01 2 LS CL L 1 18.6 111 F 8.0

REMARKS: bleeding knots 3.6, 7.3-no conk on tree. swollen knot @39-no deduction no pini 10/30/24

05 01 6 DF 01 20 DF C M 0 01 0 LJ CL L 1 12.3 98 F 6.0

REMARKS: sweep in logs 1 and 2 from 6.5' to 29'

05 01 7 DF 01 20 DF C M 0 01 0 LM CL L 1 10.5 84 F 6.0

REMARKS: broken top break @66, sweep@15-21, 3trees;#1:10.5@94, #2:74, #3:11.2@85

05 01 8 DF 01 20 DF C M 0 01 0 LS CL L 1 8.9 61 F 6.0

REMARKS: trunk scar 1.2-2.1 no exposed cambium, wormholes in ingrowth, bleeding knots @ 1.9, 2.3, 4.4, 4.7- no conk on tree, crook 16-18

05 01 9 DF 01 20 DF C I 0 01 2 LJ CL L 1 18.2 90 F 8.0

REMARKS: swollen branches no deductions. slight sweep no deductions.

05 01 10 DF 01 20 DF C I 0 01 1 LJ CL L 1 16.2 103 F 7.0

REMARKS: multiple trunk scars from impact of falling trees. no signs of rot. slight swelling. no deductions. crook from 49.3' to 52.8'

05 01 11 DF 01 20 DF C M 0 01 2 LM CL L 1 18.7 101 F 8.0

REMARKS: dsl@33ft

dsl@42ft (swelling associated in area)

05 01 12 DF 01 20 DF C M 0 01 0 LS CL L 1 9.3 59 F 6.0

REMARKS: bleeding knot @6.5 no deductions

05 15 1 DF 01 20 DF C M 0 01 0 LJ CL L 1 12.9 102 F 6.0

05 15 2 DF 01 20 DF C I 0 01 0 LS CL L 1 11.4 77 F 6.0

REMARKS: small DSL @ 3', scar with swelling @ 2' no deduction, slight sweep log 3 34-38'

05 15 3 DF 01 20 DF C M 0 01 0 LJ CL L 1 10.3 59 F 6.0

REMARKS: sk at 2.6

DSL at 6.9

slight sweep log 1 no deduction

DSL at 18.5

bleeding knot at 1.2 no deduction

sk at 36

05 15 4 DF 01 20 DF C M 0 01 2 LM CL L 1 18.2 117 F 8.0

REMARKS: DSL @18.0 w/swelling

DSL @15.0, 42.0

genetic fork with obvious lead (no old broken top but other fork is dead) @72ft

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 36

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	C	P	P	S	T	N	E	U	P	M	R	L	R	T	M	D	
A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B	T	E	D

05	15	5	DF	01	20	DF	C	I	0	01	1	LJ	CL	L	1	15.9	99	F	7.0
05	15	6	DF	01	20	DF	C	M	0	01	0	LJ	CL	L	1	9.4	80	F	6.0

REMARKS: sweep 18.5 to 29

sweep 45 - 57

sweep 5-7.5

05	15	7	DF	01	20	DF	C	I	0	01	0	LJ	CL	L	1	11.8	75	F	6.0
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REMARKS: DSLs at 19.5,21.5,27,39

many swollen branches pointing upward

05	15	8	DF	01	20	DF	C	M	0	01	0	LS	CL	L	1	8.8	65	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	-----	----	---	-----

REMARKS: swell on bole canker starting closed @ 4.8, 6.4, 7.3. log 3 scar bleeding out of merch, slight sweep no deduction. Pythagorean theorem leaning tree

05	39	1	DF	01	20	DF	C	M	0	01	0	LM	CL	L	1	8.0	63	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	-----	----	---	-----

REMARKS: old scar closed, healed, no rot@24-25

rub @27-30

sk@30ft

sweep@1-8.5

butt swelling 0.9-1.6ft (no sk, no pini, no deduction)

05	39	2	DF	01	20	DF	C	M	0	01	0	LJ	CL	L	1	9.0	73	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	-----	----	---	-----

REMARKS: broken top@66

closed scar@30-30.5, 33-33.5

3 trees height for avg: 1) dbh 9.1 ht 67.5ft; 2) dbh 9.9 ht 83.5ft; 3) dbh 9.9, ht 69ft

(avg ht 73.3 (73ft))

closed canker @ 19, 23, 24

2 closed cankers @27

05	39	3	DF	01	20	DF	C	I	0	01	0	LM	CL	L	1	12.2	87	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	----	---	-----

REMARKS: slight gradual sweep in log 1 no deduction

closed canker@2.5

bleeding in nearby knots @2.3-2.6

05	39	4	DF	01	20	DF	C	M	0	01	0	LS	CL	L	1	11.9	98	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	----	---	-----

REMARKS: trunk scar 1.5-2.5 with swelling. small fp 1.5. bleeding knot 3.2, 26, 34, 35, 40.

05	39	5	DF	01	20	DF	C	M	0	01	0	LJ	CL	L	1	10.3	90	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	----	---	-----

REMARKS: dsl@15

05	39	6	DF	01	20	DF	C	I	0	01	1	LJ	CL	L	1	16.7	101	F	7.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	-----	---	-----

REMARKS: dsl@21

many swollen branches but no deductions

05	39	7	DF	01	20	DF	C	M	0	01	1	LM	CL	L	1	13.7	102	F	7.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	-----	---	-----

REMARKS: bleeding knot @36ft

DSL w/slight swelling @48ft

05	39	8	DF	01	20	DF	C	I	0	01	1	LS	CL	L	1	13.3	96	F	7.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	----	---	-----

REMARKS: canker not open @ 25 bulge in bark near knot (not swollen knot because swelling is not centralized around branch edge of swelling touches branch). small trunk scar @4 (0.3 by 0.3) no deduction, slight sweep no deduction

05	39	9	DF	01	20	DF	C	M	0	01	0	LJ	CL	L	1	11.9	86	F	6.0
----	----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	----	---	-----

REMARKS: sk@29.5, 31.5

swollen branches (no deductions)
05 39 10 DF 01 20 DF C M 0 01 0 LJ CL L 1 11.4 98 F 6.0
REMARKS: 2 dsl@4.9
DSL @9.5, 21, 63
05 39 11 DF 01 20 DF C I 0 01 1 LS CL L 1 16.5 120 F 7.0
REMARKS: bleeding knots @ 3.7, 5.4, 2.7, no conk on tree.
05 39 12 DF 01 20 DF C M 0 01 2 LM CL L 1 19.6 117 F 8.0
REMARKS: DSL @2.5, 2.6, 3.4, 30.0, 45.0
sweep @0-5ft
crook @27-30

CRUISE OF RECORD 11/21/2024

06	18	120	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	18	120	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
REMARKS: LD in																				
06	18	120	3	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	23.2	81	F	9.0
REMARKS: crook 1, 22 ft-24 ft																				
small pini conk 1, 4.2 ft																				
small pini conk 2, 5 ft																				
trunk scar 1, has bleeding\swelling 1-3.6, 2.3w (affecting 2 faces)																				
trunk scar 2, 2-3.8ft H x.9ftw																				
asl, below crook, 20 ft																				
dsl below crook, 20 ft																				
dsl, 26 ft																				
dsl, 30 ft																				
dsl in crook, 22 ft																				
crook 2 with branch rub non merch, 59 ft																				
LD in																				
06	18	120	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 38

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	R	P	P	E	D
06	18	120	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
REMARKS: walk through on 2																										
06	18	121	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	18	121	2	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	20.8	121	F	8.0						
REMARKS: non-genetic fork 49 ft																										
cow pie fungus (velvet top) within drip line																										
06	18	121	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	18	121	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	18	122	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	114	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	114	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	114	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	114	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	115	1	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	11.7	83	F	6.0						
REMARKS: non-genetic fork																										
fork 36ft																										
trunk scar/bleeding																										
29-30ft, no deduction, healed over																										
rub from oak																										
27-25ft, no deduction																										
bleeding knot																										
not actively bleeding and no pini																										
DSL 33-31ft																										
06	29	119	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	119	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	119	3	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	14.9	95	F	7.0						
REMARKS: swelling on trunk so dbh taking dbh at 6 ft, 14.6																										
scar 1 (bleeding) 2.8 to 5.8H, 1.3w (affecting 2 faces)																										
scar 2 13-14 ft (affecting 1 face), swelling																										
crook 40-42 ft																										
dsl 40 ft																										
scar 3, 23.5-26 ft (affecting 1 face)																										
dsl 40 ft																										
06	29	119	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	119	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
06	29	119	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
REMARKS: walk through on tree 1																										
06	31	116	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							
REMARKS: LD in																										
06	37	101	1	PP	01	20	MS	C	M	1	01	4	LS	CL	L	1	18.0	99	F	8.0						
REMARKS: crook 39-41 ft																										
dsl 40 ft																										
06	37	101	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0							

06 37 101 3 PP 01 20 MS C M 1 01 1 LS CL L 1 12.9 61 F 6.0

REMARKS: cankers 6 ft

canker 7.7 ft

canker 9.5 ft

(no deduction)

hole at base (no deduction)

mistletoe 35 ft on branch

non genetic fork 27 ft

06 37 101 4 DF 01 20 DF C C 1 01 0 CL L 1 0.0 0 F 0.0

06 37 101 5 PP 01 20 MS C M 1 01 4 LS CL L 1 17.6 75 F 8.0

REMARKS: crook 28-30 ft

dsl 28 ft

non-genetic fork top 55 ft

asl 55 ft

slight sweep 32-36 ft (no deduction)

CRUISE OF RECORD 11/21/2024

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S	T	R	U	P	T	S	P	R	R	S	C	U	R	M	T	R	L	R	M	D	
																					R
A	N	L	R	E	S	P	O	O	M	/	T	F	I	D	I	Y	I	E	H	B	
A	T	T	E	S	I	C	P	E	R	V	A	N	T	S	F	L	P	D	E	D	
06	37	102	1	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	37	102	2	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	37	102	3	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	37	103	1	DF	01	20	DF	C	M			1	01	0	LS	CL	L	1	9.2	52 F	6.0
REMARKS: no defect																					
06	37	103	2	PP	01	20	MS	C	M			1	01	1	LS	CL	L	1	12.9	72 F	6.0
REMARKS: no defect																					
06	37	103	3	PP	01	20	MS	C	M			1	01	1	LS	CL	L	1	12.0	60 F	6.0
REMARKS: crook 36-39																					
non merch above																					
asl@36																					
slight sweep in L1 no deduct																					
swollen knot @6.6 (no deduct due to sp.)																					
06	37	103	4	PP	01	20	MS	C	M			1	01	0	LS	CL	L	1	8.0	36 F	6.0
REMARKS: leaning tree Pythagorean theorem used																					
06	37	107	1	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	37	109	1	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
REMARKS: LD in																					
06	37	109	2	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
REMARKS: LD in																					
06	37	109	3	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	37	109	4	DF	01	20	DF	C	M			1	01	0	LS	CL	L	1	12.9	57 F	6.0
REMARKS: pini conk 1, 1.1																					
pini conk 2, 3.7																					
pini conk 3, 4.3																					
pini conk 4, 4.4																					
pini conk 5, 5.2																					
pini conk 6, 5.3 ft																					
(pini conk 7 swollen knot small pini in branch 6.8)																					
crook 1 10-12 ft																					
crook 2 28-29 ft																					
dsl 11 ft																					
swollen knot 10 ft																					
06	37	109	5	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	47	112	1	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	47	112	2	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	47	112	3	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0
06	47	112	4	DF	01	20	DF	C	M			1	01	1	LS	CL	L	1	13.5	95 F	7.0
REMARKS: swollen/crook 3.4-4.6 feet (some bleeding)																					
tunk scar 39-40 ft,																					
some minor bleeding (black) no exposed cambium																					
slight sweep																					
06	47	112	5	DF	01	20	DF	C	C			1	01	0		CL	L	1	0.0	0 F	0.0

06	47	112	6 DF	01 20 DF	C C	1 01	0	CL L 1	0.0	0 F	0.0
06	47	113	1 DF	01 20 DF	C C	1 01	0	CL L 1	0.0	0 F	0.0
06	47	113	2 DF	01 20 DF	C C	1 01	0	CL L 1	0.0	0 F	0.0
06	47	113	3 DF	01 20 DF	C C	1 01	0	CL L 1	0.0	0 F	0.0
06	47	113	4 DF	01 20 DF	C M	1 01	0	LS CL L 1	11.5	78 F	6.0

REMARKS: pini conk 1, small 3.2 ft

pini conk 2, medium 6 ft

pini conk 3, small 9 ft

pini conk 4, medium 28 ft

pini conk 5, small 48 ft

pini conk 6, medium 13 ft

pini conk 7, small 27 ft

pini conk 8, small 26 f

pini conk 9, small 17 ft

pini conk 10, medium 15 ft

broken top 72 ft

trunk scar 35 ft-38 ft

bark grown over but black minor swelling

surround trees; T1: dbh: 11.2 ht: 77ft, T2: dbh: 12.1 ht: 80ft , T3: dbh: 11.7 ht: 78ft
(avg ht 78 ft)

CRUISE OF RECORD 11/21/2024

A03: LISTING OF TREE MEASUREMENTS AND CHARACTERISTICS (A2)

PAGE 40

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

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S	T	R	U	P	T	C	P	P	S	T	N	E	O	H	R	L	V	E	D	T	T	R	M	D	R	I	B
A	T	T	E	S	I	C	P	E	S	T			S	F	L	P	D	E	B	T	E	D					

06	47	113	5	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	47	113	6	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	47	113	7	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	47	113	8	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	47	113	9	DF	01	20	DF	C	M	1	01	1	LS	CL	L	1	13.7	54	F	7.0

REMARKS: crook @28ft-31ft

live sucker 28ft

dsl @31ft

small canker closed, not bleeding, no rot @ 7.7-11.7ft

closed small trunk scar - not touching ground - no swelling, bleeding or rot @18-21ft (possible frost crack instead of scar, narrow, one face no spiral)

06	47	113	10	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	51	117	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	51	117	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	51	117	3	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	10.7	58	F	6.0

REMARKS: LD in

slight sweep, no deduct

minor pistol butt below 1ft stump, no deduction

bleeding knot @24ft, no conk, no deduction

06	51	118	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	51	118	2	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	10.0	51	F	6.0

REMARKS: minor crook @3-4ft

very small trunk scar, healed over @2.3-2.7ft

bark rub @36-37ft

non-genetic fork @46ft (non-merch)

dead top @50ft (non-merch)

06	51	118	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	62	105	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	62	105	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	62	105	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	62	105	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0	
06	62	106	1	DF	01	20	DF	C	M	1	01	0	LS	CL	L	1	11.4	90	F	6.0

REMARKS: slight sweep 26-33ft, no deduction log 2

no deductions

small scar, slight bleeding-10ft, no deduction

knots look large but not swollen- no deduction

06	62	108	1	DF	01	20	DF	C	M	1	01	2	LS	CL	L	1	21.6	129	F	9.0
----	----	-----	---	----	----	----	----	---	---	---	----	---	----	----	---	---	------	-----	---	-----

REMARKS: swollen knot @6.8ft-knot is swollen slightly, no major indicator for rot or conk-no deduction 10/29/24

some bleeding knots, no pini, no deductions

genetic fork @ 62ft

DSL @61ft

slight sweep 21-18ft (no deduction)

06	62	108	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
06	62	108	3	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
06	62	108	4	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
06	62a	104	1	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0
06	62a	104	2	DF	01	20	DF	C	C	1	01	0	CL	L	1	0.0	0	F	0.0

CRUISE OF RECORD 11/21/2024

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 41

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
03	01	DF	DF	2	0	0	0	
03	01	MS	IC	1	0	0	0	
03	01	MS	PP	1	0	0	0	
03	01	MS	SP	1	0	0	0	
03	01	MS	WF	1	0	0	0	
13	01	DF	DF	2	0	0	0	
13	01	MS	IC	1	0	0	0	
13	01	MS	PP	1	0	0	0	
13	01	MS	SP	1	0	0	0	
13	01	MS	WF	1	0	0	0	
15	05	DF	DF	11	0	62	0	
15	05	MS	IC	1	0	0	0	
15	05	MS	PP	1	0	0	0	
15	05	MS	SP	1	0	0	0	
15	05	MS	WF	1	0	0	0	
16	01	DF	DF	2	0	0	0	
16	01	MS	IC	1	0	0	0	
16	01	MS	PP	1	0	0	0	
16	01	MS	SP	1	0	0	0	
16	01	MS	WF	1	0	0	0	
30	06	DF	DF	5	0	0	0	
30	06	MS	IC	1	0	0	0	
30	06	MS	PP	1	0	0	0	
30	06	MS	SP	1	0	0	0	
30	06	MS	WF	1	0	0	0	
40	04	DF	DF	2	0	0	0	
40	04	MS	IC	1	0	0	0	
40	04	MS	PP	1	0	0	0	
40	04	MS	SP	1	0	0	0	
40	04	MS	WF	1	0	0	0	
27	04	DF	DF	2	0	0	0	
27	04	MS	IC	1	0	0	0	
27	04	MS	PP	1	0	0	0	
27	04	MS	SP	1	0	0	0	
27	04	MS	WF	1	0	0	0	
25	06	DF	DF	5	0	0	0	
25	06	MS	IC	1	0	0	0	
25	06	MS	PP	1	0	0	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 42

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
25	06	MS	SP	1	0	0	0	
25	06	MS	WF	1	0	0	0	
24	04	DF	DF	2	0	0	0	
24	04	MS	IC	1	0	0	0	
24	04	MS	PP	1	0	0	0	
24	04	MS	SP	1	0	0	0	
24	04	MS	WF	1	0	0	0	
43	06	DF	DF	5	0	0	0	
43	06	MS	IC	1	0	0	0	
43	06	MS	PP	1	0	0	0	
43	06	MS	SP	1	0	0	0	
43	06	MS	WF	1	0	0	0	
23	02	DF	DF	7	0	0	0	
23	02	MS	IC	1	0	0	0	
23	02	MS	PP	1	0	0	0	
23	02	MS	SP	1	0	0	0	
23	02	MS	WF	1	0	0	0	
42	04	DF	DF	2	0	0	0	
42	04	MS	IC	1	0	0	0	
42	04	MS	PP	1	0	0	0	
42	04	MS	SP	1	0	0	0	
42	04	MS	WF	1	0	0	0	
41	06	DF	DF	5	0	0	0	
41	06	MS	IC	1	0	0	0	
41	06	MS	PP	1	0	0	0	
41	06	MS	SP	1	0	0	0	
41	06	MS	WF	1	0	0	0	
26	06	DF	DF	5	0	0	0	
26	06	MS	IC	1	0	0	0	
26	06	MS	PP	1	0	0	0	
26	06	MS	SP	1	0	0	0	
26	06	MS	WF	1	0	0	0	
04	06	DF	DF	5	0	0	0	
04	06	MS	IC	1	0	0	0	
04	06	MS	PP	1	0	0	0	
04	06	MS	SP	1	0	0	0	
04	06	MS	WF	1	0	0	0	
28	03	DF	DF	5	0	0	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 43

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
28	03	MS	IC	1	0	0	0	
28	03	MS	PP	1	0	0	0	
28	03	MS	SP	1	0	0	0	
28	03	MS	WF	1	0	0	0	
33	03	DF	DF	5	0	0	0	
33	03	MS	IC	1	0	0	0	
33	03	MS	PP	1	0	0	0	
33	03	MS	SP	1	0	0	0	
33	03	MS	WF	1	0	0	0	
05	06	DF	DF	5	0	0	0	
05	06	MS	IC	1	0	0	0	
05	06	MS	PP	1	0	0	0	
05	06	MS	SP	1	0	0	0	
05	06	MS	WF	1	0	0	0	
02	01	DF	DF	2	0	0	0	
02	01	MS	IC	1	0	0	0	
02	01	MS	PP	1	0	0	0	
02	01	MS	SP	1	0	0	0	
02	01	MS	WF	1	0	0	0	
07	01	DF	DF	2	0	0	0	
07	01	MS	IC	1	0	0	0	
07	01	MS	PP	1	0	0	0	
07	01	MS	SP	1	0	0	0	
07	01	MS	WF	1	0	0	0	
06	06	DF	DF	5	0	0	0	
06	06	MS	IC	1	0	0	0	
06	06	MS	PP	1	0	0	0	
06	06	MS	SP	1	0	0	0	
06	06	MS	WF	1	0	0	0	
71	03	DF	DF	5	0	0	0	
71	03	MS	IC	1	0	0	0	
71	03	MS	PP	1	0	0	0	
71	03	MS	SP	1	0	0	0	
71	03	MS	WF	1	0	0	0	
44	04	DF	DF	2	0	0	0	
44	04	MS	IC	1	0	0	0	
44	04	MS	PP	1	0	0	0	
44	04	MS	SP	1	0	0	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 44

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
44	04	MS	WF	1	0	0	0	
08	01	DF	DF	2	0	0	0	
08	01	MS	IC	1	0	0	0	
08	01	MS	PP	1	0	0	0	
08	01	MS	SP	1	0	0	0	
08	01	MS	WF	1	0	0	0	
12	01	DF	DF	2	0	0	0	
12	01	MS	IC	1	0	0	0	
12	01	MS	PP	1	0	0	0	
12	01	MS	SP	1	0	0	0	
12	01	MS	WF	1	0	0	0	
29	06	DF	DF	5	0	0	0	
29	06	MS	IC	1	0	0	0	
29	06	MS	PP	1	0	0	0	
29	06	MS	SP	1	0	0	0	
29	06	MS	WF	1	0	0	0	
46	02	DF	DF	7	0	0	0	
46	02	MS	IC	1	0	0	0	
46	02	MS	PP	1	0	0	0	
46	02	MS	SP	1	0	0	0	
46	02	MS	WF	1	0	0	0	
31	06	DF	DF	5	0	0	0	
31	06	MS	IC	1	0	0	0	
31	06	MS	PP	1	0	0	0	
31	06	MS	SP	1	0	0	0	
31	06	MS	WF	1	0	0	0	
47	06	DF	DF	5	0	0	0	
47	06	MS	IC	1	0	0	0	
47	06	MS	PP	1	0	0	0	
47	06	MS	SP	1	0	0	0	
47	06	MS	WF	1	0	0	0	
18	06	DF	DF	5	0	0	0	
18	06	MS	IC	1	0	0	0	
18	06	MS	PP	1	0	0	0	
18	06	MS	SP	1	0	0	0	
18	06	MS	WF	1	0	0	0	
09	01	DF	DF	2	0	0	0	
09	01	MS	IC	1	0	0	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 45

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
09	01	MS	PP	1	0	0	0	
09	01	MS	SP	1	0	0	0	
09	01	MS	WF	1	0	0	0	
22	04	DF	DF	2	0	0	0	
22	04	MS	IC	1	0	0	0	
22	04	MS	PP	1	0	0	0	
22	04	MS	SP	1	0	0	0	
22	04	MS	WF	1	0	0	0	
17	01	DF	DF	2	0	0	0	
17	01	MS	IC	1	0	0	0	
17	01	MS	PP	1	0	0	0	
17	01	MS	SP	1	0	0	0	
17	01	MS	WF	1	0	0	0	
10	01	DF	DF	2	0	0	0	
10	01	MS	IC	1	0	0	0	
10	01	MS	PP	1	0	0	0	
10	01	MS	SP	1	0	0	0	
10	01	MS	WF	1	0	0	0	
48	04	DF	DF	2	0	0	0	
48	04	MS	IC	1	0	0	0	
48	04	MS	PP	1	0	0	0	
48	04	MS	SP	1	0	0	0	
48	04	MS	WF	1	0	0	0	
20	04	DF	DF	2	0	0	0	
20	04	MS	IC	1	0	0	0	
20	04	MS	PP	1	0	0	0	
20	04	MS	SP	1	0	0	0	
20	04	MS	WF	1	0	0	0	
60	06	DF	DF	5	0	0	0	
60	06	MS	IC	1	0	0	0	
60	06	MS	PP	1	0	0	0	
60	06	MS	SP	1	0	0	0	
60	06	MS	WF	1	0	0	0	
61	02	DF	DF	7	0	0	0	
61	02	MS	IC	1	0	0	0	
61	02	MS	PP	1	0	0	0	
61	02	MS	SP	1	0	0	0	
61	02	MS	WF	1	0	0	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 46

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
62	06	DF	DF	5	0	0	0	
62	06	MS	IC	1	0	0	0	
62	06	MS	PP	1	0	0	0	
62	06	MS	SP	1	0	0	0	
62	06	MS	WF	1	0	0	0	
62a	06	DF	DF	5	0	0	0	
62a	06	MS	IC	1	0	0	0	
62a	06	MS	PP	1	0	0	0	
62a	06	MS	SP	1	0	0	0	
62a	06	MS	WF	1	0	0	0	
54	03	DF	DF	5	0	0	0	
54	03	MS	IC	1	0	0	0	
54	03	MS	PP	1	0	0	0	
54	03	MS	SP	1	0	0	0	
54	03	MS	WF	1	0	0	0	
66	02	DF	DF	7	0	0	0	
66	02	MS	IC	1	0	0	0	
66	02	MS	PP	1	0	0	0	
66	02	MS	SP	1	0	0	0	
66	02	MS	WF	1	0	0	0	
37	06	DF	DF	5	0	0	0	
37	06	MS	IC	1	0	0	0	
37	06	MS	PP	1	0	0	0	
37	06	MS	SP	1	0	0	0	
37	06	MS	WF	1	0	0	0	
19	03	DF	DF	5	0	0	0	
19	03	MS	IC	1	0	0	0	
19	03	MS	PP	1	0	0	0	
19	03	MS	SP	1	0	0	0	
19	03	MS	WF	1	0	0	0	
69	04	DF	DF	2	0	0	0	
69	04	MS	IC	1	0	0	0	
69	04	MS	PP	1	0	0	0	
69	04	MS	SP	1	0	0	0	
69	04	MS	WF	1	0	0	0	
11	06	DF	DF	5	0	0	0	
11	06	MS	IC	1	0	0	0	
11	06	MS	PP	1	0	0	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 47

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
11	06	MS	SP	1	0	0	0	
11	06	MS	WF	1	0	0	0	
68	04	DF	DF	2	0	0	0	
68	04	MS	IC	1	0	0	0	
68	04	MS	PP	1	0	0	0	
68	04	MS	SP	1	0	0	0	
68	04	MS	WF	1	0	0	0	
65	03	DF	DF	5	0	0	0	
65	03	MS	IC	1	0	0	0	
65	03	MS	PP	1	0	0	0	
65	03	MS	SP	1	0	0	0	
65	03	MS	WF	1	0	0	0	
45	04	DF	DF	2	0	0	0	
45	04	MS	IC	1	0	0	0	
45	04	MS	PP	1	0	0	0	
45	04	MS	SP	1	0	0	0	
45	04	MS	WF	1	0	0	0	
53	03	DF	DF	5	0	0	0	
53	03	MS	IC	1	0	0	0	
53	03	MS	PP	1	0	0	0	
53	03	MS	SP	1	0	0	0	
53	03	MS	WF	1	0	0	0	
51	06	DF	DF	5	0	0	0	
51	06	MS	IC	1	0	0	0	
51	06	MS	PP	1	0	0	0	
51	06	MS	SP	1	0	0	0	
51	06	MS	WF	1	0	0	0	
21	03	DF	DF	5	0	0	0	
21	03	MS	IC	1	0	0	0	
21	03	MS	PP	1	0	0	0	
21	03	MS	SP	1	0	0	0	
21	03	MS	WF	1	0	0	0	
01	05	DF	DF	11	0	91	0	
01	05	MS	IC	1	0	0	0	
01	05	MS	PP	1	0	0	0	
01	05	MS	SP	1	0	0	0	
01	05	MS	WF	1	0	0	0	
39	05	DF	DF	11	0	109	0	

A04: COUNT TABLE INFORMATION (A2)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

THE FOLLOWING INFORMATION IS PROVIDED FOR TREE-BASED METHODS AND REPRESENTS WHAT ONCE WERE COUNT RECORDS

CUTTING UNIT	STRATUM	SAMPLE GROUP	SPECIES	FREQUENCY	KZ VALUE	TALLY COUNT	KPI	DESCRIPTION
39	05	MS	IC	1	0	0	0	
39	05	MS	PP	1	0	0	0	
39	05	MS	SP	1	0	0	0	
39	05	MS	WF	1	0	0	0	
14	01	DF	DF	2	0	0	0	
14	01	MS	IC	1	0	0	0	
14	01	MS	PP	1	0	0	0	
14	01	MS	SP	1	0	0	0	
14	01	MS	WF	1	0	0	0	
20a	06	DF	DF	5	0	0	0	
20a	06	MS	IC	1	0	0	0	
20a	06	MS	PP	1	0	0	0	
20a	06	MS	SP	1	0	0	0	
20a	06	MS	WF	1	0	0	0	

A05: CUBIC FOOT

PAGE 49

PRIMARY AND SECONDARY PRODUCT

VOLUME INFORMATION (A5)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	D B H - O B	T O T H G T	***** PER TREE *****					***** PER ACRE/PER STRATA *****					
							*** PRIMARY ***	** SECONDARY **				** PRIMARY **	** SECONDARY **				
							GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT
01	02	12	2	DF	27.6	114	133.6	126.1	9.6	9.6	4.814	2.000	0.385	51.4	48.5	3.7	3.7
01	02	12	4	DF	11.5	72	12.8	11.2	2.6	2.6	27.728	2.000	2.218	28.4	24.8	5.8	5.8
01	02	14	1	DF	8.6	71	5.5	5.5	4.3	3.0	49.581	2.000	3.967	21.8	21.8	17.1	11.9
01	02	14	3	DF	13.5	107	27.3	27.0	4.6	4.6	20.121	2.000	1.610	44.0	43.5	7.4	7.4
01	02	14	5	DF	13.0	90	23.2	22.2	4.3	3.9	21.698	2.000	1.736	40.3	38.5	7.5	6.8
01	02	15	1	DF	13.0	102	25.3	25.1	4.6	4.6	21.698	2.000	1.736	43.9	43.6	8.0	8.0
01	02	15	3	DF	18.4	117	61.7	58.1	5.0	5.0	10.831	2.000	0.867	53.5	50.4	4.3	4.3
01	02	15	5	DF	11.8	87	19.2	19.2	2.9	2.9	26.336	2.000	2.107	40.5	40.5	6.1	6.1
01	03	16	2	DF	19.3	120	72.0	70.6	5.0	5.0	9.845	2.000	0.788	56.7	55.6	3.9	3.9
01	03	16	4	DF	19.8	126	78.5	74.9	5.0	5.0	9.354	2.000	0.748	58.7	56.0	3.7	3.7
01	03	17	2	DF	17.8	104	51.9	47.1	4.9	4.9	11.574	2.000	0.926	48.1	43.6	4.5	4.5
01	03	17	4	DF	14.5	99	33.1	32.8	4.3	4.3	17.441	2.000	1.395	46.2	45.8	6.0	6.0
01	03	19	1	DF	11.9	101	21.3	21.3	3.2	3.2	25.895	2.000	2.072	44.1	44.1	6.6	6.6
01	03	19	3	DF	18.3	113	59.6	56.4	5.0	5.0	10.950	2.000	0.876	52.2	49.4	4.4	4.4
01	03	19	5	DF	10.7	98	15.8	15.8	4.1	4.1	32.029	2.000	2.562	40.5	40.5	10.5	10.5
01	03	20	2	DF	15.0	106	37.6	37.3	4.3	4.3	16.298	2.000	1.304	49.0	48.6	5.6	5.6
01	03	20	4	DF	16.3	105	44.6	24.9	3.4	3.4	13.802	2.000	1.104	49.2	27.5	3.8	3.8
01	03	20	6	DF	16.9	107	50.4	49.9	3.1	3.1	12.839	2.000	1.027	51.8	51.2	3.2	3.2
01	03	20	8	DF	15.5	87	33.7	30.2	3.1	3.1	15.263	2.000	1.221	41.1	36.9	3.8	3.8
01	03	20	10	DF	16.8	117	53.1	36.9	3.5	3.5	12.993	2.000	1.039	55.2	38.3	3.6	3.6
01	03	20	12	DF	14.9	107	35.6	35.3	4.3	4.3	16.517	2.000	1.321	47.0	46.6	5.7	5.7
01	03	21	3	DF	14.5	123	38.3	37.9	4.6	4.6	17.441	2.000	1.395	53.4	52.9	6.4	6.4
01	03	21	5	DF	14.9	112	38.2	37.9	4.4	4.4	16.517	2.000	1.321	50.5	50.1	5.8	5.8
01	07	13	2	DF	20.3	123	82.6	80.9	4.9	4.9	8.899	2.000	0.712	58.8	57.6	3.5	3.5
01	08	5	2	DF	13.3	69	18.1	17.9	3.1	3.1	20.731	2.000	1.658	30.0	29.7	5.1	5.1
01	08	6	2	DF	20.3	93	60.4	53.9	3.6	3.6	8.899	2.000	0.712	43.0	38.4	2.6	2.6
01	08	8	2	DF	12.3	66	15.9	15.9	1.9	1.9	24.238	2.000	1.939	30.8	30.8	3.7	3.7
01	08	8	4	DF	21.2	93	65.1	63.7	5.7	5.7	8.159	2.000	0.653	42.5	41.6	3.7	3.7
01	09	7	2	DF	10.5	61	10.1	8.5	2.6	2.6	33.261	2.000	2.661	26.9	22.6	6.9	6.9
01	09	10	1	DF	13.3	93	24.0	21.3	4.4	4.4	20.731	2.000	1.658	39.8	35.3	7.3	7.3

PRIMARY AND SECONDARY PRODUCT

VOLUME INFORMATION (A5)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	D B H - O B	T O T H G T	***** PER TREE *****				***** PER ACRE/PER STRATA *****						
						*** PRIMARY ***	** SECONDARY **				** PRIMARY **	** SECONDARY **					
						GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	
01	09	10	3	DF	14.2	96	30.3	30.0	4.3	4.3	18.186	2.000	1.455	44.1	43.7	6.3	6.3
01	10	2	1	DF	10.7	87	13.8	13.8	3.3	3.3	32.029	2.000	2.562	35.4	35.4	8.5	8.5
01	10	2	3	DF	15.9	72	30.0	29.7	2.7	2.7	14.505	2.000	1.160	34.8	34.5	3.1	3.1
01	10	3	2	PP	10.6	75	11.7	10.9	2.9	2.9	32.636	1.000	1.305	15.3	14.2	3.8	3.8
01	10	3	3	PP	21.6	96	75.5	57.6	5.0	5.0	7.860	1.000	0.314	23.7	18.1	1.6	1.6
01	10	4	1	DF	16.5	111	48.2	43.6	3.4	3.4	13.469	2.000	1.078	52.0	47.0	3.7	3.7
01	10	4	3	DF	14.4	96	31.2	30.9	3.4	3.4	17.684	2.000	1.415	44.1	43.7	4.8	4.8
01	10	4	5	DF	10.7	89	14.4	14.0	3.3	3.3	32.029	2.000	2.562	36.9	35.9	8.5	8.5
01	10	4	7	DF	15.4	96	36.2	35.9	3.8	3.8	15.462	2.000	1.237	44.8	44.4	4.7	4.7
01	10	4	9	DF	15.4	96	36.2	35.9	3.8	3.8	15.462	2.000	1.237	44.8	44.4	4.7	4.7
01	12	11	1	DF	11.1	87	14.4	14.4	3.2	3.2	29.762	2.000	2.381	34.3	34.3	7.6	7.6
01	13	22	2	DF	18.7	122	69.7	68.4	5.0	5.0	10.487	2.000	0.839	58.5	57.4	4.2	4.2
01	13	22	4	DF	12.5	83	19.2	19.2	2.6	2.6	23.469	2.000	1.878	36.1	36.1	4.9	4.9
01	13	23	2	DF	12.5	108	27.9	27.9	3.0	2.7	23.469	2.000	1.878	52.4	52.4	5.6	5.1
01	14	24	2	DF	21.5	112	84.0	82.5	5.6	5.6	7.933	2.000	0.635	53.3	52.4	3.6	3.6
01	14	24	4	DF	9.3	115	12.4	12.4	5.8	5.8	42.398	2.000	3.392	42.1	42.1	19.7	19.7
01	14	24	6	DF	12.8	111	29.2	28.0	3.2	3.2	22.382	2.000	1.791	52.3	50.1	5.7	5.7
01	14	25	1	DF	11.0	79	13.4	7.1	2.9	2.9	30.306	2.000	2.424	32.5	17.2	7.0	7.0
01	14	25	3	DF	14.4	104	34.1	33.8	4.3	4.3	17.684	2.000	1.415	48.3	47.8	6.1	6.1
01	16	18	1	DF	19.2	106	62.6	61.4	4.4	4.4	9.947	2.000	0.796	49.8	48.9	3.5	3.5
01	17	1	1	DF	17.7	93	45.6	42.5	4.4	4.4	11.705	2.000	0.936	42.7	39.8	4.1	4.1
01	17	1	3	DF	15.7	99	39.8	37.6	3.1	3.1	14.877	2.000	1.190	47.4	44.7	3.7	3.7
02	23	42	5	DF	15.1	64	22.5	22.3	2.2	2.2	16.083	6.720	4.323	97.3	96.4	9.5	9.5
02	23	43	5	DF	14.1	96	28.8	26.8	4.3	4.3	18.445	6.720	4.958	142.8	132.9	21.3	21.3
02	23	44	5	DF	17.9	136	68.5	67.1	6.7	6.7	11.445	6.720	3.076	210.7	206.4	20.6	20.6
02	23	44	12	DF	14.9	117	41.4	41.1	4.4	4.4	16.517	6.720	4.440	183.8	182.5	19.5	19.5
02	23	44	20	DF	14.9	117	41.4	41.1	4.4	4.4	16.517	6.720	4.440	183.8	182.5	19.5	19.5
02	23	45	7	DF	9.0	71	6.5	6.5	4.1	3.7	45.272	6.720	12.169	79.1	79.1	49.9	45.0
02	23	46	1	DF	21.1	120	82.4	75.8	6.5	6.5	8.237	6.720	2.214	182.4	167.8	14.4	14.4
02	23	46	8	DF	19.9	106	67.6	62.0	4.3	4.3	9.260	6.720	2.489	168.3	154.3	10.7	10.7

PRIMARY AND SECONDARY PRODUCT

VOLUME INFORMATION (A5)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	D B H O B	T O T H G T	***** PER TREE *****					***** PER ACRE/PER STRATA *****					
							*** PRIMARY ***	** SECONDARY **				** PRIMARY **	** SECONDARY **				
							GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT
02	23	47	7	DF	10.0	86	12.1	11.2	3.4	3.4	36.670	6.720	9.857	119.3	110.4	33.5	33.5
02	23	49	1	DF	24.4	129	118.9	112.3	5.7	5.7	6.159	6.720	1.656	196.9	186.0	9.4	9.4
02	23	50	7	DF	9.7	60	7.1	7.1	2.6	2.6	38.974	6.720	10.476	74.4	74.4	27.2	27.2
02	46	34	1	DF	10.7	94	14.9	14.3	3.4	3.4	32.029	6.720	8.609	128.3	123.1	29.3	29.3
02	46	34	8	DF	10.7	92	14.9	14.0	3.3	3.3	32.029	6.720	8.609	128.3	120.5	28.4	28.4
02	46	35	1	DF	18.1	98	50.1	47.7	4.9	4.9	11.193	6.720	3.009	150.8	143.5	14.7	14.7
02	46	36	3	DF	18.1	107	54.3	50.3	5.0	5.0	11.193	6.720	3.009	163.4	151.4	15.0	15.0
02	46	37	1	DF	11.4	88	17.8	17.8	3.0	3.0	28.217	6.720	7.585	135.0	135.0	22.8	22.8
02	46	38	4	DF	23.3	140	117.7	50.1	7.0	7.0	6.755	6.720	1.816	213.7	91.0	12.7	12.7
02	46	40	1	DF	14.5	86	27.5	27.3	3.1	3.1	17.441	6.720	4.688	128.9	128.0	14.5	14.5
02	61	33	6	DF	15.5	80	31.3	28.5	3.3	3.3	15.263	6.720	4.103	128.4	116.9	13.5	13.5
02	66	26	2	DF	22.0	124	95.6	93.7	6.5	6.5	7.577	6.720	2.037	194.7	190.9	13.2	13.2
02	66	27	6	DF	20.6	144	96.7	92.8	6.3	6.3	8.641	6.720	2.323	224.6	215.6	14.6	14.6
02	66	27	9	DF	20.6	144	96.7	92.8	6.3	6.3	8.641	6.720	2.323	224.6	215.6	14.6	14.6
02	66	29	4	DF	21.0	115	79.7	65.5	6.5	6.5	8.315	6.720	2.235	178.1	146.4	14.5	14.5
02	66	30	7	DF	10.8	64	10.7	10.1	2.6	2.6	31.439	6.720	8.451	90.4	85.4	22.0	22.0
02	66	31	2	DF	15.0	115	40.8	40.5	4.4	4.4	16.298	6.720	4.381	178.7	177.4	19.3	19.3
03	21	53	5	DF	17.9	94	48.8	44.7	4.4	4.4	11.445	5.071	2.322	113.3	103.8	10.2	10.2
03	21	57	1	DF	16.5	86	37.3	32.7	3.3	3.3	13.469	5.071	2.732	101.9	89.3	9.0	9.0
03	21	58	2	DF	10.5	79	12.8	9.5	3.0	3.0	33.261	5.071	6.747	86.4	64.1	20.2	20.2
03	21	58	7	DF	15.0	83	28.2	28.0	3.1	3.1	16.298	5.071	3.306	93.2	92.6	10.2	10.2
03	21	62	1	DF	15.5	99	37.2	36.9	3.4	3.4	15.263	5.071	3.096	115.2	114.2	10.5	10.5
03	21	63	3	DF	13.4	60	16.1	15.9	3.1	3.1	20.422	5.071	4.143	66.7	65.9	12.8	12.8
03	21	63	8	DF	14.4	81	26.1	23.0	3.7	2.6	17.684	5.071	3.587	93.6	82.5	13.3	9.3
03	21	64	5	DF	16.5	111	48.2	36.1	3.4	3.4	13.469	5.071	2.732	131.7	98.6	9.3	9.3
03	21	65	2	PP	8.4	32	1.9	1.9	1.8	1.8	51.970	1.000	2.079	4.0	4.0	3.7	3.7
03	28	71	3	DF	20.0	94	60.4	59.2	3.8	3.4	9.168	5.071	1.860	112.3	110.1	7.1	6.3
03	28	72	1	DF	15.8	99	39.8	39.4	3.1	3.1	14.689	5.071	2.980	118.6	117.4	9.2	9.2
03	28	73	5	DF	12.0	83	18.6	18.0	2.6	2.6	25.466	5.071	5.166	96.1	93.0	13.4	13.4
03	28	74	3	DF	21.4	93	66.6	62.0	5.7	5.7	8.007	5.071	1.624	108.2	100.7	9.3	9.3

PRIMARY AND SECONDARY PRODUCT

VOLUME INFORMATION (A5)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	T U N I T	P L O T	T R E E	S P E C I E S	D B H O B	T O T H G T	***** PER TREE *****					***** PER ACRE/PER STRATA *****					
							*** PRIMARY ***	** SECONDARY **				** PRIMARY **	** SECONDARY **				
							GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT
03	28	75	2	DF	24.7	126	120.0	80.3	5.6	5.6	6.011	5.071	1.219	146.3	97.9	6.8	6.8
03	33	68	3	DF	17.1	106	47.4	46.5	5.8	5.8	12.541	5.071	2.544	120.6	118.3	14.8	14.8
03	33	69	2	DF	12.2	69	15.9	15.3	2.2	2.2	24.637	5.071	4.998	79.5	76.5	11.0	11.0
03	33	70	3	DF	15.1	91	31.4	31.1	3.8	3.8	16.083	5.071	3.263	102.5	101.5	12.4	12.4
03	33	70	8	DF	16.0	84	33.7	33.4	2.7	2.7	14.324	5.071	2.906	97.9	97.1	7.8	7.8
03	33	70	10	DF	16.0	84	33.7	33.4	2.7	2.7	14.324	5.071	2.906	97.9	97.1	7.8	7.8
03	53	51	2	WF	18.5	114	78.1	76.5	3.8	3.8	10.714	1.000	0.429	33.5	32.8	1.6	1.6
03	53	51	3	DF	21.6	126	92.9	84.7	7.0	7.0	7.860	5.071	1.594	148.1	135.0	11.2	11.2
03	53	51	8	DF	11.4	75	13.4	12.3	2.6	2.6	28.217	5.071	5.724	76.7	70.4	14.9	14.9
03	53	51	12	WF	18.5	114	78.1	76.5	3.8	3.8	10.714	1.000	0.429	33.5	32.8	1.6	1.6
03	53	54	2	DF	24.0	129	118.9	102.7	5.7	5.7	6.366	5.071	1.291	153.5	132.6	7.4	7.4
03	53	54	7	DF	11.5	57	10.7	10.7	1.9	1.9	27.728	5.071	5.625	60.2	60.2	10.7	10.7
03	54	59	1	DF	18.9	120	68.8	64.2	5.0	5.0	10.266	5.071	2.082	143.2	133.7	10.4	10.4
03	54	59	6	DF	8.1	59	3.2	3.2	4.1	4.1	55.891	5.071	11.338	36.3	36.3	46.5	46.5
03	54	60	2	DF	32.1	142	225.3	200.9	12.7	12.7	3.559	5.071	0.722	162.7	145.0	9.2	9.2
03	65	56	1	PP	15.9	87	36.0	30.6	3.1	3.1	14.505	1.000	0.580	20.9	17.7	1.8	1.8
03	65	56	2	PP	26.0	144	167.0	153.7	11.8	11.8	5.425	1.000	0.217	36.2	33.4	2.6	2.6
03	71	67	3	DF	17.4	86	39.1	38.3	4.4	4.4	12.112	5.071	2.457	96.1	94.1	10.8	10.8
03	71	67	8	DF	26.0	86	85.3	77.4	8.1	8.1	5.425	5.071	1.100	93.8	85.1	8.9	8.9
03	71	67	15	DF	26.0	86	85.3	82.7	8.1	8.1	5.425	5.071	1.100	93.8	91.0	8.9	8.9
04	20	90	2	DF	19.9	92	58.0	51.5	3.8	3.8	9.260	2.000	0.741	43.0	38.2	2.8	2.8
04	20	90	3	DF	24.3	105	98.3	76.3	4.9	4.9	6.210	2.000	0.497	48.9	37.9	2.4	2.4
04	20	90	6	DF	24.3	105	98.3	80.0	4.9	4.9	6.210	2.000	0.497	48.9	39.8	2.4	2.4
04	22	98	1	DF	11.6	66	12.6	12.6	2.3	2.3	27.252	2.000	2.180	27.5	27.5	5.0	5.0
04	22	98	4	DF	20.5	126	86.4	81.7	5.0	5.0	8.726	2.000	0.698	60.3	57.0	3.5	3.5
04	22	100	2	DF	12.8	105	28.2	28.2	3.0	3.0	22.382	2.000	1.791	50.5	50.5	5.4	5.4
04	24	97	1	DF	14.2	103	33.1	32.8	4.4	4.4	18.186	2.000	1.455	48.2	47.7	6.4	6.4
04	40	99	2	DF	20.4	87	57.8	47.0	3.1	3.1	8.812	2.000	0.705	40.7	33.1	2.2	2.2
04	44	95	1	DF	21.2	138	99.0	85.0	7.4	7.4	8.159	2.000	0.653	64.6	55.5	4.8	4.8
04	44	95	3	DF	14.7	111	36.2	30.1	4.3	4.3	16.970	2.000	1.358	49.2	40.9	5.8	5.8

PRIMARY AND SECONDARY PRODUCT

VOLUME INFORMATION (A5)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	D B H - O B	T O T H G T	***** PER TREE *****				***** PER ACRE/PER STRATA *****						
							*** PRIMARY ***		** SECONDARY **		** PRIMARY **		** SECONDARY **				
							GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT
04	45	76	1	DF	8.7	73	5.5	5.5	4.4	4.4	48.448	2.000	3.876	21.3	21.3	17.1	17.1
04	45	77	1	DF	12.3	81	18.6	18.6	2.6	2.6	24.238	2.000	1.939	36.1	36.1	5.0	5.0
04	45	78	1	DF	9.4	65	7.1	7.1	3.0	3.0	41.501	2.000	3.320	23.6	23.6	10.0	10.0
04	45	78	2	DF	12.2	105	22.3	22.3	3.2	3.2	24.637	2.000	1.971	44.0	44.0	6.3	6.3
04	48	85	1	DF	11.0	78	13.4	12.3	2.9	2.9	30.306	2.000	2.424	32.5	29.8	7.0	7.0
04	48	88	2	DF	19.2	97	59.0	19.3	4.3	4.3	9.947	2.000	0.796	47.0	15.4	3.4	3.4
04	48	89	1	DF	12.8	66	15.9	8.6	1.9	1.9	22.382	2.000	1.791	28.5	15.4	3.4	3.4
04	48	89	3	DF	19.3	111	66.6	63.0	4.9	4.9	9.845	2.000	0.788	52.5	49.6	3.9	3.9
04	48	91	1	DF	20.1	123	81.6	78.5	4.9	4.9	9.077	2.000	0.726	59.2	57.0	3.6	3.6
04	48	91	3	DF	12.6	93	22.4	21.9	2.9	2.9	23.098	2.000	1.848	41.4	40.5	5.4	5.4
04	48	92	2	DF	21.4	117	85.1	82.1	6.5	6.5	8.007	2.000	0.641	54.5	52.6	4.2	4.2
04	48	92	3	DF	12.7	90	22.4	22.4	2.6	2.6	22.736	2.000	1.819	40.7	40.7	4.7	4.7
04	48	93	2	DF	12.1	87	19.6	19.2	2.6	2.6	25.046	2.000	2.004	39.3	38.5	5.2	5.2
04	68	79	2	DF	9.6	53	6.0	5.5	2.6	2.6	39.790	2.000	3.183	19.1	17.5	8.3	8.3
04	68	79	3	DF	8.9	66	5.5	4.9	4.1	4.1	46.295	2.000	3.704	20.4	18.1	15.2	15.2
04	68	80	2	DF	34.8	161	299.5	284.6	18.3	18.3	3.028	2.000	0.242	72.5	68.9	4.4	4.4
04	68	81	2	DF	15.2	105	38.7	38.4	3.5	3.5	15.872	2.000	1.270	49.1	48.8	4.4	4.4
04	68	82	1	DF	16.7	104	46.6	44.9	3.8	3.8	13.149	2.000	1.052	49.0	47.2	4.0	4.0
04	68	82	2	DF	14.0	105	32.7	32.4	4.3	4.3	18.709	2.000	1.497	49.0	48.5	6.4	6.4
04	68	84	1	DF	30.2	132	185.4	147.7	12.7	12.7	4.021	2.000	0.322	59.7	47.6	4.1	4.1
04	68	84	2	DF	15.2	57	19.9	9.9	2.2	2.2	15.872	2.000	1.270	25.3	12.6	2.8	2.8
04	68	84	5	DF	32.3	124	204.2	181.5	10.6	10.6	3.515	2.000	0.281	57.4	51.0	3.0	3.0
04	69	94	1	DF	19.4	147	87.7	78.8	6.7	6.7	9.743	2.000	0.779	68.3	61.4	5.2	5.2
05	01		1	DF	9.1	90	8.6	8.6	5.1	5.1	0.000	0.000	10.917	93.9	93.9	55.7	55.7
05	01		2	DF	10.5	94	14.9	13.0	3.4	3.4	0.000	0.000	10.917	162.7	141.9	37.1	37.1
05	01		4	DF	19.2	120	72.0	68.3	5.0	5.0	0.000	0.000	10.917	786.0	745.6	54.6	54.6
05	01		6	DF	12.3	98	21.3	15.9	3.0	3.0	0.000	0.000	10.917	232.5	173.6	32.8	32.8
05	01		7	DF	10.5	84	13.4	13.4	3.2	3.2	0.000	0.000	10.917	146.3	146.3	34.9	34.9
05	01		8	DF	8.9	61	5.0	5.0	3.2	3.2	0.000	0.000	10.917	54.6	54.6	34.9	34.9
05	01		11	DF	18.7	101	55.7	51.4	4.4	4.4	0.000	0.000	10.917	608.1	561.1	48.0	48.0

PRIMARY AND SECONDARY PRODUCT

VOLUME INFORMATION (A5)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

S T R A T A	U N I T	P L O T	T R E E	S P E C I E S	D B H - O B	T O T H G T	***** PER TREE *****							***** PER ACRE/PER STRATA *****			
						*** PRIMARY ***	** SECONDARY **				** PRIMARY **		** SECONDARY **				
						GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	TREE FAC	CHAR FAC	EXP FAC	GROSS CUFT	NET CUFT	GROSS CUFT	NET CUFT	
05	01		12	DF	9.3	59	6.0	6.0	3.0	3.0	0.000	0.000	10.917	65.5	65.5	32.8	32.8
05	15		1	DF	12.9	102	28.2	28.2	2.9	2.9	0.000	0.000	10.917	307.9	307.9	31.7	31.7
05	15		3	DF	10.3	59	8.7	4.2	2.6	1.3	0.000	0.000	10.917	95.0	45.9	28.4	14.2
05	15		4	DF	18.2	117	60.8	52.7	5.0	5.0	0.000	0.000	10.917	663.8	575.3	54.6	54.6
05	15		6	DF	9.4	80	8.6	7.2	4.1	3.4	0.000	0.000	10.917	93.9	78.6	44.8	37.1
05	15		8	DF	8.8	65	5.5	5.5	3.3	3.3	0.000	0.000	10.917	60.0	60.0	36.0	36.0
05	39		1	DF	8.0	63	2.8	2.1	4.4	3.1	0.000	0.000	10.917	30.6	22.9	48.0	33.8
05	39		2	DF	9.0	73	6.5	6.5	4.1	4.1	0.000	0.000	10.917	71.0	71.0	44.8	44.8
05	39		4	DF	11.9	98	20.7	10.7	3.2	3.2	0.000	0.000	10.917	226.0	116.8	34.9	34.9
05	39		5	DF	10.3	90	13.8	13.0	3.4	3.4	0.000	0.000	10.917	150.7	141.9	37.1	37.1
05	39		7	DF	13.7	102	28.6	27.6	4.4	4.4	0.000	0.000	10.917	312.2	301.3	48.0	48.0
05	39		9	DF	11.9	86	19.2	16.1	2.6	2.6	0.000	0.000	10.917	209.6	175.8	28.4	28.4
05	39		10	DF	11.4	98	19.4	15.6	3.3	3.3	0.000	0.000	10.917	211.8	170.3	36.0	36.0
05	39		12	DF	19.6	117	71.1	62.8	5.0	5.0	0.000	0.000	10.917	776.2	685.6	54.6	54.6
05	39		13	DF	19.8	118	72.0	62.8	4.9	4.9	0.000	0.000	10.917	786.0	685.6	53.5	53.5
05	39		14	DF	14.8	102	34.1	32.1	4.3	3.9	0.000	0.000	10.917	372.3	350.4	46.9	42.6
05	39		16	DF	15.0	75	25.4	24.5	2.7	2.7	0.000	0.000	10.917	277.3	267.5	29.5	29.5
06	04	124	2	DF	18.7	123	69.7	66.0	5.0	5.0	10.487	5.063	2.124	148.0	140.2	10.6	10.6
06	05	125	2	DF	20.7	124	85.3	76.4	4.9	4.9	8.558	5.063	1.733	147.8	132.4	8.5	8.5
06	11	110	1	DF	16.6	111	51.4	50.3	3.4	3.4	13.308	5.063	2.695	138.5	135.6	9.2	9.2
06	18	120	3	DF	23.2	81	66.8	46.4	4.2	4.2	6.813	5.063	1.380	92.2	64.0	5.8	5.8
06	18	121	2	DF	20.8	121	85.2	67.6	4.4	4.4	8.476	5.063	1.716	146.2	116.0	7.6	7.6
06	29	115	1	DF	11.7	83	18.6	17.2	2.6	2.6	26.788	5.063	5.425	100.9	93.3	14.1	14.1
06	29	119	3	DF	14.9	95	32.4	30.4	3.4	3.4	16.517	5.063	3.345	108.4	101.7	11.4	11.4
06	37	101	1	PP	18.0	99	50.1	46.9	5.0	5.0	11.318	1.000	0.453	22.7	21.2	2.3	2.3
06	37	101	3	PP	12.9	61	15.0	13.9	1.9	1.9	22.036	1.000	0.881	13.2	12.2	1.7	1.7
06	37	101	5	PP	17.6	75	37.6	33.2	3.8	3.8	11.838	1.000	0.474	17.8	15.7	1.8	1.8
06	37	103	1	DF	9.2	52	5.0	5.0	2.6	2.6	43.325	5.063	8.773	43.9	43.9	22.8	22.8
06	37	103	2	PP	12.9	72	19.2	19.0	2.2	2.2	22.036	1.000	0.881	16.9	16.7	1.9	1.9
06	37	103	3	PP	12.0	60	13.0	12.8	2.2	2.2	25.466	1.000	1.019	13.2	13.0	2.2	2.2

A05: CUBIC FOOT
PRIMARY AND SECONDARY PRODUCT
VOLUME INFORMATION (A5)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

				S P E C I F I C A T I O N	T O T A L												
				D B H		***** PER TREE *****				***** PER ACRE/PER STRATA *****							
				-	H	*** PRIMARY ***				** SECONDARY **				** PRIMARY **			
				0	G	GROSS	NET	GROSS	NET	TREE	CHAR	EXP		GROSS	NET	GROSS	NET
				B	T	CUFT	CUFT	CUFT	CUFT	FAC	FAC	FAC		CUFT	CUFT	CUFT	CUFT
06	37	103	4 PP	8.0	36	1.9	1.9	2.2	2.2	57.297	1.000	2.292		4.4	4.4	5.0	5.0
06	37	109	4 DF	12.9	57	15.5	10.0	1.6	1.6	22.036	5.063	4.462		69.2	44.6	7.1	7.1
06	47	112	4 DF	13.5	95	24.6	22.0	4.4	4.4	20.121	5.063	4.074		100.2	89.6	17.9	17.9
06	47	113	4 DF	11.5	78	15.3	0.0	2.6	2.6	27.728	5.063	5.615		85.9	0.0	14.6	14.6
06	47	113	9 DF	13.7	54	15.3	13.7	2.7	2.7	19.538	5.063	3.956		60.5	54.2	10.7	10.7
06	51	117	3 DF	10.7	58	10.1	10.1	2.2	2.2	32.029	5.063	6.486		65.5	65.5	14.3	14.3
06	51	118	2 DF	10.0	51	6.5	6.5	2.2	2.2	36.670	5.063	7.426		48.3	48.3	16.3	16.3
06	62	106	1 DF	11.4	90	18.4	18.4	3.0	3.0	28.217	5.063	5.714		105.1	105.1	17.1	17.1
06	62	108	1 DF	21.6	129	95.0	91.3	7.0	7.0	7.860	5.063	1.592		151.2	145.3	11.1	11.1

A14: SUMMARY OF SPECIES BASED ON UNIT LEVEL DATA
FOR CUT TREES ONLY
FOR PRIMARY PRODUCT ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

U N I T	S T A A	S M P P	S P E C I E S	P R O D	AVG BA/ ACRE	EST NO OF TREES	NO SAMP TREES
AREA BASED CUTTING UNITS							
02	01	DF	DF	01	113		
03	01	DF	DF	01	124		
04	06	DF	DF	01	80		
05	06	DF	DF	01	100		
06	06	DF	DF	01	80		
07	01	DF	DF	01	40		
08	01	DF	DF	01	60		
09	01	DF	DF	01	33		
10	01	DF	DF	01	93		
10	01	MS	PP	01	13		
11	06	DF	DF	01	10		
12	01	DF	DF	01	40		
13	01	DF	DF	01	60		
14	01	DF	DF	01	90		
16	01	DF	DF	01	40		
17	01	DF	DF	01	60		
18	06	DF	DF	01	67		
19	03	DF	DF	01	140		
20	04	DF	DF	01	100		
21	03	DF	DF	01	100		
21	03	MS	PP	01	3		
22	04	DF	DF	01	70		
23	02	DF	DF	01	169		
24	04	DF	DF	01	20		
28	03	DF	DF	01	100		
29	06	DF	DF	01	73		
31	06	DF	DF	01	20		
33	03	DF	DF	01	140		
37	06	DF	DF	01	48		
37	06	MS	PP	01	24		
40	04	DF	DF	01	60		
44	04	DF	DF	01	60		
45	04	DF	DF	01	47		

A14: SUMMARY OF SPECIES BASED ON UNIT LEVEL DATA
 FOR CUT TREES ONLY
 FOR PRIMARY PRODUCT ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 57

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

U N I T	S T A A	S M P P	S P E C E S	P R O D	AVG BA/ ACRE	EST NO OF TREES	NO SAMP TREES
46	02	DF	DF	01	123		
47	06	DF	DF	01	160		
48	04	DF	DF	01	40		
51	06	DF	DF	01	60		
53	03	DF	DF	01	125		
53	03	MS	WF	01	10		
54	03	DF	DF	01	80		
61	02	DF	DF	01	110		
62	06	DF	DF	01	60		
62a	06	DF	DF	01	40		
65	03	DF	DF	01	40		
65	03	MS	PP	01	40		
66	02	DF	DF	01	107		
68	04	DF	DF	01	76		
69	04	DF	DF	01	40		
71	03	DF	DF	01	300		
TREE BASED CUTTING UNITS -- TALLY BY SPECIES							
01	05	DF	DF	01	91		
01	05	MS	IC	01	0		
01	05	MS	PP	01	0		
01	05	MS	SP	01	0		
01	05	MS	WF	01	0		
15	05	DF	DF	01	62		
15	05	MS	IC	01	0		
15	05	MS	PP	01	0		
15	05	MS	SP	01	0		
15	05	MS	WF	01	0		
39	05	DF	DF	01	109		
39	05	MS	IC	01	0		
39	05	MS	PP	01	0		
39	05	MS	SP	01	0		
39	05	MS	WF	01	0		

R401: SALE APPRAISAL SUMMARY BY SPECIES-BDFT
-- BOARD FOOT --
FOR CUT TREES ONLY -- PRIMARY PRODUCT ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

S	P					GROSS	NET		QUAD		NET	16' LOGS/	NET LOG
E	R					BF/	BF/	TREES/	MEAN	MEAN	BF/	GROSS	SCALE
C	O					ACRE	ACRE	ACRE	DBH	HT1	TREE	MBF	VALUE/
I	D				ESTIM								MBF
E	U	GROSS	TOTAL	NET	TREES								
S	T	BF	DEF%	BF									
DF	01	6881555	9.8	6209877	43132	12107	10925	75.9	14.1	84.3	144	21.4	
PP	01	156358	7.3	144904	1801	275	255	3.2	12.3	57.5	80	25.2	
WF	01	49532	2.0	48563	108	87	85	0.2	18.5	114.0	451	13.0	
TOTALS/AVE		7087445	9.7	6403344	45041	12469	11266	79.2	14.1	83.3	142	21.4	N/A

R402: SALE APPRAISAL SUMMARY BY SPECIES-CUFT
-- CUBIC FOOT --
FOR CUT TREES ONLY -- PRIMARY PRODUCT ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

S	P					GROSS	NET		QUAD		NET	16' LOGS/	NET LOG
P	R					CF/	CF/	TREES/	MEAN	MEAN	CF/	GROSS	SCALE
E	O					ACRE	ACRE	ACRE	DBH	HT1	TREE	CCF	VALUE/
C	D												CCF
I	U				ESTIM								
E	C	GROSS	TOTAL	NET	TREES								
S	T	CF	DEF%	CF		ACRE	ACRE	ACRE	DBH	HT1	TREE	CCF	CCF
DF	01	1245017	9.7	1124681	43132	2190	1979	75.9	14.1	84.3	26	11.8	
PP	01	30131	7.9	27749	1801	53	49	3.2	12.3	57.5	15	13.1	
WF	01	8410	2.0	8237	108	15	14	0.2	18.5	114.0	77	7.7	
TOTALS/AVE		1283558	9.6	1160668	45041	2258	2042	79.2	14.1	83.3	26	11.8	N/A

R501: LOG STOCK TABLE BY SPECIES AND PRODUCT
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 60

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

TABLE 1 - REPORT FOR SPECIES: DF
 PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
6	23899.5	285444.7	258757.4	73594.0	66315.3
7	27618.7	506698.4	450658.0	109552.4	96750.0
8	24215.7	622050.9	582003.5	137859.1	128805.8
9	20223.3	734755.9	634940.4	148839.9	128545.0
10	13734.1	770272.9	730965.6	131475.9	125208.9
11	9815.0	651388.5	622193.8	113908.9	108767.6
12	8499.3	668201.6	632127.3	116701.3	110607.2
13	5742.5	573851.3	492282.0	95474.7	82072.0
14	3433.3	371277.5	341317.3	63656.6	58239.4
15	4222.5	589983.9	542628.7	90749.2	83615.0
16	2340.7	374111.3	319131.3	57224.9	48860.7
17	1663.5	299422.9	240233.5	45733.1	36704.6
18	186.7	39202.3	18303.4	5898.8	2908.6
19	841.3	201900.6	174159.6	28570.1	24682.6
20	23.4	6554.0	6296.6	948.0	910.5
21	170.4	51106.7	36300.0	7262.4	5145.2
23	134.2	50987.2	46763.9	6806.9	6243.2
24	26.8	10729.0	10299.9	1405.5	1349.2
25	114.0	52448.4	50396.1	6738.5	6464.8
26	20.2	10079.3	9575.3	1235.7	1173.2
27	20.2	11087.2	10542.9	1380.9	1312.3
TOTALS	146945.2	6881554.6	6209876.5	1245016.7	1124681.2

R501: LOG STOCK TABLE BY SPECIES AND PRODUCT
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 61

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

TABLE 2 - REPORT FOR SPECIES: PP
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
6	1472.8	16939.3	16939.3	3875.4	3853.2
7	183.8	1838.5	1838.5	599.0	591.8
8	694.6	15001.9	13400.7	4018.4	3658.9
9	511.8	19477.3	18896.8	4015.7	3820.2
10	362.3	19770.1	17143.8	3601.1	3092.5
11	130.1	6504.6	4846.7	1546.9	1148.1
12	125.0	10001.8	8317.4	1885.1	1548.2
13	100.0	9457.7	8885.3	1598.5	1488.6
14	201.2	22127.5	21322.9	3829.1	3678.5
15	26.7	3741.0	3580.7	598.6	574.5
16	27.2	4357.4	3649.3	689.0	574.6
17	26.7	4809.9	4622.8	758.9	729.5
18	27.2	5719.0	5501.2	860.6	825.2
20	27.2	7625.4	7325.8	1051.2	1010.4
22	27.2	8987.1	8633.0	1203.7	1154.7
TOTALS	3944.0	156358.3	144904.1	30131.2	27748.8

R501: LOG STOCK TABLE BY SPECIES AND PRODUCT
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 62

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

TABLE 3 - REPORT FOR SPECIES: WF
PRODUCT: 01

LOG DIB CLASS	# OF LOGS	GROSS BDFT	NET BDFT	GROSS CUFT	NET CUFT
8	107.7	1076.8	1076.8	344.6	333.8
9	107.7	3230.4	3122.7	592.2	581.5
11	107.7	7537.5	7429.9	1367.5	1335.2
13	107.7	10767.9	10552.5	1712.1	1679.8
14	107.7	11844.7	11629.3	1981.3	1938.2
15	107.7	15075.1	14752.0	2412.0	2368.9
TOTALS	646.1	49532.3	48563.2	8409.7	8237.4

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

				S T G		*****PRIMARY PRODUCT NET VOLUME*****												
S T R A T A	P R D U C T	U O F	S A M P	S T M	S A M 1/2	NO				SUM		SUM		COEFF			COMBINED	
						SAM	BIG	SMALL	t	MEAN	OF	OF	STANDARD	OF	STANDARD	SAMPLING	SAMPLING	
AT	TM	FP	MT	1/2	TREES	N	N*	VALUE	X	X	(X * X)	DEVIATION	VARIATION	ERROR	ERROR	ERROR		
01	01	01	DF	N	1	100	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	7.954	
01	01	01	DF	N	2	50	25	50	2.000	142.1	7105.59	1088041.97	39.9628	28.1207	5.652	7.9537	7.954	
01	01	01	MS	N	1	2	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	375.298	
01	01	01	MS	N	2	2	25	2	12.706	105.5	211.04	24123.31	43.0694	40.8169	30.455	366.7196	375.298	
02	01	01	DF	N	1	168	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	15.021	
02	01	01	DF	N	2	25	25	25	2.064	150.0	3749.80	633937.60	54.5805	36.3889	10.916	15.0213	15.021	
02	01	01	MS	N	1	0	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	79.781	
03	01	01	DF	N	1	142	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	13.372	
03	01	01	DF	N	2	28	25	28	2.052	132.6	3711.84	548482.87	45.7121	34.4826	8.639	13.3720	13.372	
03	01	01	MS	N	1	5	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	107.110	
03	01	01	MS	N	2	5	25	5	2.776	182.7	913.59	211186.32	105.1863	57.5675	47.041	71.4681	107.110	
04	01	01	DF	N	1	66	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	16.006	
04	01	01	DF	N	2	33	25	33	2.000	141.7	4677.10	798738.74	65.1567	45.9723	11.342	16.0055	16.006	
04	01	01	MS	N	1	0	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	79.781	
05	01	01	DF	N	1	24	262	24	2.069	124.8	2996.00	721720.00	122.9562	98.4963	23.921	39.6472	39.647	
06	01	01	DF	N	1	81	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	30.866	
06	01	01	DF	N	2	16	25	16	2.131	115.9	1854.56	282608.68	67.1547	57.9369	16.789	30.8659	30.866	
06	01	01	MS	N	1	6	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	90.807	
06	01	01	MS	N	2	6	25	6	2.571	83.8	503.01	48169.36	34.6404	41.3199	14.142	43.3696	90.807	

* CANNOT CALCULATE SAMPLING ERROR IF SMALL N EQUALS 1.

ST1: NET VOLUME STATISTICS FOR SAMPLE GROUP (DP1)
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 64

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

				S T G		*****SECONDARY PRODUCT NET VOLUME*****												
S T R A T A	P R O D U C T	U O F M	S A M P L	S T M	S A M 1/2	NO				SUM	SUM	COEFF		COMBINED				
						SAM	BIG	SMALL	t	MEAN	OF	OF	STANDARD	OF	STANDARD	SAMPLING	SAMPLING	
						TREES	N	N*	VALUE	X	X	(X * X)	DEVIATION	VARIATION	ERROR	ERROR	ERROR	
01	20	01	DF	N	1	100	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	24.821	
01	20	01	DF	N	2	50	25	50	2.000	14.4	721.76	18281.54	12.6675	87.7548	1.791	24.8208	24.821	
01	20	01	MS	N	1	2	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	781.473	
01	20	01	MS	N	2	2	25	2	12.706	10.1	20.25	281.73	8.7599	86.5257	6.194	777.3898	781.473	
02	20	01	DF	N	1	168	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	20.465	
02	20	01	DF	N	2	25	25	25	2.064	13.6	340.86	5743.99	6.7595	49.5771	1.352	20.4654	20.465	
02	20	01	MS	N	1	0	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	79.781	
03	20	01	DF	N	1	142	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	36.431	
03	20	01	DF	N	2	28	25	28	2.052	10.2	284.87	5364.82	9.5580	93.9455	1.806	36.4313	36.431	
03	20	01	MS	N	1	5	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	126.732	
03	20	01	MS	N	2	5	25	5	2.776	11.0	54.80	902.94	8.6933	79.3166	3.888	98.4688	126.732	
04	20	01	DF	N	1	66	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	33.237	
04	20	01	DF	N	2	33	25	33	2.000	13.7	453.60	11745.20	13.1223	95.4656	2.284	33.2369	33.237	
04	20	01	MS	N	1	0	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	79.781	
05	20	01	DF	N	1	24	262	24	2.069	14.1	338.00	5594.00	6.0211	42.7534	1.171	17.2093	17.209	
06	20	01	DF	N	1	81	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	28.758	
06	20	01	DF	N	2	16	25	16	2.131	11.3	180.66	2597.10	6.0950	53.9796	1.524	28.7576	28.758	
06	20	01	MS	N	1	6	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	100.395	
06	20	01	MS	N	2	6	25	6	2.571	13.4	80.65	1388.80	7.8052	58.0634	3.186	60.9438	100.395	

* CANNOT CALCULATE SAMPLING ERROR IF SMALL N EQUALS 1.

PAGE 65

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

				S T G		*****PRIMARY PRODUCT GROSS VOLUME*****												
S T R A T A	P R O D U C T	U O F M	S A M P L	S T M	S A M 1/2	NO				SUM		SUM		COEFF			COMBINED	
						SAM	BIG	SMALL	t	MEAN	OF	OF	STANDARD	OF	STANDARD	SAMPLING	SAMPLING	
1/2	TREES	N	N*	VALUE	X	X	(X * X)	DEVIATION	VARIATION	ERROR	ERROR	ERROR						
01	01	01	DF	N	1	100	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	7.344	
01	01	01	DF	N	2	50	25	50	2.000	150.6	7529.86	1208901.17	39.1034	25.9655	5.530	7.3442	7.344	
01	01	01	MS	N	1	2	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	450.270	
01	01	01	MS	N	2	2	25	2	12.706	125.3	250.58	35212.74	61.7961	49.3234	43.696	443.1461	450.270	
02	01	01	DF	N	1	168	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	14.850	
02	01	01	DF	N	2	25	25	25	2.064	163.5	4086.32	750901.74	58.8005	35.9740	11.760	14.8500	14.850	
02	01	01	MS	N	1	0	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	79.781	
03	01	01	DF	N	1	142	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	14.371	
03	01	01	DF	N	2	28	25	28	2.052	145.2	4064.72	668215.12	53.7986	37.0594	10.167	14.3713	14.371	
03	01	01	MS	N	1	5	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	106.241	
03	01	01	MS	N	2	5	25	5	2.776	193.0	964.97	233814.17	109.0659	56.5127	48.776	70.1585	106.241	
04	01	01	DF	N	1	66	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	14.676	
04	01	01	DF	N	2	33	25	33	2.000	158.8	5239.20	975126.23	66.9260	42.1545	11.650	14.6763	14.676	
04	01	01	MS	N	1	0	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	79.781	
05	01	01	DF	N	1	24	262	24	2.069	140.4	3370.00	897700.00	135.8541	96.7507	26.430	38.9446	38.945	
06	01	01	DF	N	1	81	0	25	2.064	22.3	557.00	3741.00	0.0000	0.0000	0.000	0.0000	25.428	
06	01	01	DF	N	2	16	25	16	2.131	134.4	2149.88	350570.44	64.1341	47.7305	16.034	25.4284	25.428	
06	01	01	MS	N	1	6	0	25	2.064	0.5	13.00	31.00	1.0050	193.2668	0.201	79.7806	91.519	
06	01	01	MS	N	2	6	25	6	2.571	88.2	529.35	53805.87	37.6915	42.7217	15.387	44.8409	91.519	

* CANNOT CALCULATE SAMPLING ERROR IF SMALL N EQUALS 1.

ST3: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL (DS1)
PRIMARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 67

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

P			***** PRIMARY PRODUCT GROSS VOLUME *****				***** PRIMARY PRODUCT NET VOLUME *****			
S R U			***** 95% CONFIDENCE *****				***** 95% CONFIDENCE *****			
T O			INTERVAL				INTERVAL			
R D O										
A U F										
T C										
A	T	M	VOLUME*	ERROR	FROM	TO	VOLUME*	ERROR	FROM	TO
01	01	01	1042336.2	10.31	934824	1149849	981883.7	9.57	887947	1075820
02	01	01	1162162.3	14.85	989581	1334744	1066449.6	15.02	906255	1226644
03	01	01	2166399.9	14.53	1851666	2481134	1981594.7	13.68	1710443	2252747
04	01	01	698329.6	14.68	595841	800819	623397.5	16.01	523620	723176
05	01	01	36790.3	38.94	22462	51118	32707.3	39.65	19740	45675
06	01	01	1981427.0	24.62	1493646	2469208	1717311.1	29.66	1207993	2226629
----- AGGREGATED BY PRODUCT -----										
	01	01	7087445.4	8.80	6463715	7711176	6403343.9	9.60	5788902	7017785
----- AGGREGATED BY UNIT OF MEASURE -----										
		01	7087445.4	8.80	6463715	7711176	6403343.9	9.60	5788902	7017785
----- AGGREGATED BY STRATA -----										
01		01	1042336.2	10.31	934824	1149849	981883.7	9.57	887947	1075820
02		01	1162162.3	14.85	989581	1334744	1066449.6	15.02	906255	1226644
03		01	2166399.9	14.53	1851666	2481134	1981594.7	13.68	1710443	2252747
04		01	698329.6	14.68	595841	800819	623397.5	16.01	523620	723176
05		01	36790.3	38.94	22462	51118	32707.3	39.65	19740	45675
06		01	1981427.0	24.62	1493646	2469208	1717311.1	29.66	1207993	2226629

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

ST3: ERROR TERM, VOLUME AND CONFIDENCE INTERVAL (DS1)
SECONDARY PRODUCT VOLUME
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

P			***** SECONDARY PRODUCT GROSS VOLUME *****				***** SECONDARY PRODUCT NET VOLUME *****			
S R U			***** 95% CONFIDENCE *****				***** 95% CONFIDENCE *****			
T O			INTERVAL				INTERVAL			
R D O										
A U F										
T C										
A	T	M	VOLUME*	ERROR	FROM	TO	VOLUME*	ERROR	FROM	TO
01	20	01	103632.2	28.79	73796	133469	99653.3	26.76	72990	126317
02	20	01	98870.1	23.30	75836	121905	96938.9	20.47	77100	116778
03	20	01	152579.1	34.74	99577	205582	150545.0	35.40	97246	203844
04	20	01	60460.0	33.24	40365	80555	60460.0	33.24	40365	80555
05	20	01	3930.1	17.69	3235	4626	3689.9	17.21	3055	4325
06	20	01	172779.7	27.65	125004	220555	172779.7	27.65	125004	220555
----- AGGREGATED BY PRODUCT -----										
	20	01	592251.3	14.04	509084	675419	584066.9	13.94	502630	665504
----- AGGREGATED BY UNIT OF MEASURE -----										
		01	592251.3	14.04	509084	675419	584066.9	13.94	502630	665504
----- AGGREGATED BY STRATA -----										
01		01	103632.2	28.79	73796	133469	99653.3	26.76	72990	126317
02		01	98870.1	23.30	75836	121905	96938.9	20.47	77100	116778
03		01	152579.1	34.74	99577	205582	150545.0	35.40	97246	203844
04		01	60460.0	33.24	40365	80555	60460.0	33.24	40365	80555
05		01	3930.1	17.69	3235	4626	3689.9	17.21	3055	4325
06		01	172779.7	27.65	125004	220555	172779.7	27.65	125004	220555

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

P S T R D A U T C A T M			***** TOTAL GROSS VOLUME ***** ***** 95% CONFIDENCE ***** INTERVAL				***** TOTAL NET VOLUME ***** ***** 95% CONFIDENCE ***** INTERVAL			
			VOLUME*	ERROR	FROM	TO	VOLUME*	ERROR	FROM	TO
----- AGGREGATED BY PRODUCT -----										
01	01		7087445.4	8.80	6463715	7711176	6403343.9	9.60	5788902	7017785
20	01		592251.3	14.04	509084	675419	584066.9	13.94	502630	665504
----- AGGREGATED BY UNIT OF MEASURE -----										
	01		7679696.7	8.19	7050446	8308948	6987410.8	8.87	6367596	7607226
----- AGGREGATED BY STRATA -----										
01	01		1145968.5	9.74	1034393	1257544	1081537.0	9.03	983890	1179184
02	01		1261032.4	13.81	1086920	1435145	1163388.5	13.87	1001970	1324807
03	01		2318979.0	13.76	1999813	2638145	2132139.7	12.96	1855799	2408480
04	01		758789.6	13.76	654349	863230	683857.5	14.88	582076	785639
05	01		40720.4	35.23	26376	55065	36397.3	35.67	23414	49380
06	01		2154206.8	22.75	1664092	2644321	1890090.8	27.07	1378537	2401644

* UOM DETERMINES VALUES USED IN CALCULATION UNDER VOLUME

TC2: STAND TABLE FOR STRATA 01 -- NET BDFT VOLUME

PAGE 70

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS

1-4	0	0	0
6	0	0	0
8	10128	0	10128
10	73247	5109	78355
12	135696	0	135696
14	240629	0	240629
16	193429	0	193429
18	113755	0	113755
20	127676	0	127676
22	46597	9246	55842
24	0	0	0
26	0	0	0
28	26375	0	26375
TOTALS	967530	14354	981884

TC2: STAND TABLE FOR STRATA 02 -- NET BDFT VOLUME

PAGE 71

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	0	0
10	154396	154396
12	36112	36112
14	178294	178294
16	111162	111162
18	150219	150219
20	185420	185420
22	161666	161666
24	89181	89181
TOTALS	1066450	1066450

TC2: STAND TABLE FOR STRATA 03 -- NET BDFT VOLUME

PAGE 72

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS

1-4	0	0	0	0
6	0	0	0	0
8	14229	2609	0	16838
10	37257	0	0	37257
12	173956	0	0	173956
14	102096	0	0	102096
16	554975	12520	0	567495
18	315378	0	48563	363941
20	77732	0	0	77732
22	171928	0	0	171928
24	177873	0	0	177873
26	137636	28078	0	165714
28	0	0	0	0
30	0	0	0	0
32	126765	0	0	126765
TOTALS	1889825	43207	48563	1981595

TC2: STAND TABLE FOR STRATA 04 -- NET BDFT VOLUME

PAGE 73

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	18325	18325
10	15456	15456
12	132477	132477
14	62322	62322
16	50308	50308
18	0	0
20	150952	150952
22	53205	53205
24	41027	41027
26	0	0
28	0	0
30	27413	27413
32	29961	29961
34	41950	41950
TOTALS	623398	623398

TC2: STAND TABLE FOR STRATA 05 -- NET BDFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 74

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS
1-4	0	0
6	0	0
8	633	633
10	3821	3821
12	4694	4694
14	3548	3548
16	1376	1376
18	6452	6452
20	12183	12183
TOTALS	32707	32707

TC2: STAND TABLE FOR STRATA 06 -- NET BDFT VOLUME

PAGE 75

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS
1-4	0	0	0
6	0	0	0
8	0	4974	4974
10	142717	0	142717
12	252876	42709	295584
14	288589	0	288589
16	166087	0	166087
18	179754	39661	219415
20	330560	0	330560
22	192423	0	192423
24	76961	0	76961
TOTALS	1629968	87343	1717311

TC3: STAND TABLE FOR STRATA 01 -- GROSS CUFT VOLUME

PAGE 76

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS

1-4	0	0	0
6	0	0	0
8	1857	0	1857
10	15460	1299	16759
12	29898	0	29898
14	45233	0	45233
16	39999	0	39999
18	21694	0	21694
20	22730	0	22730
22	8157	2017	10174
24	0	0	0
26	0	0	0
28	4377	0	4377
TOTALS	189405	3317	192722

TC3: STAND TABLE FOR STRATA 02 -- GROSS CUFT VOLUME

PAGE 77

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	0	0
10	32783	32783
12	7142	7142
14	33821	33821
16	21395	21395
18	27764	27764
20	32667	32667
22	29375	29375
24	21723	21723
TOTALS	206671	206671

TC3: STAND TABLE FOR STRATA 03 -- GROSS CUFT VOLUME

PAGE 78

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS
1-4	0	0	0	0
6	0	0	0	0
8	4553	496	0	5049
10	10838	0	0	10838
12	39212	0	0	39212
14	20121	0	0	20121
16	107794	2620	0	110414
18	59388	0	8410	67798
20	14099	0	0	14099
22	32158	0	0	32158
24	37622	0	0	37622
26	23551	4548	0	28099
28	0	0	0	0
30	0	0	0	0
32	20415	0	0	20415
TOTALS	369751	7664	8410	385825

TC3: STAND TABLE FOR STRATA 04 -- GROSS CUFT VOLUME

PAGE 79

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	3473	3473
10	3554	3554
12	28353	28353
14	12184	12184
16	10283	10283
18	0	0
20	30908	30908
22	9929	9929
24	8139	8139
26	0	0
28	0	0
30	4973	4973
32	4780	4780
34	6038	6038
TOTALS	122614	122614

TC3: STAND TABLE FOR STRATA 05 -- GROSS CUFT VOLUME
FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

SPEC	DF	
PROD	01	
U OF M	01	TOTALS
1-4	0	0
6	0	0
8	145	145
10	879	879
12	1188	1188
14	684	684
16	277	277
18	1272	1272
20	2348	2348
TOTALS	6794	6794

TC3: STAND TABLE FOR STRATA 06 -- GROSS CUFT VOLUME

PAGE 81

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS

1-4	0	0	0
6	0	0	0
8	0	945	945
10	34208	0	34208
12	78362	9413	87774
14	58400	0	58400
16	30059	0	30059
18	32125	8792	40918
20	63804	0	63804
22	32819	0	32819
24	20004	0	20004
TOTALS	349782	19150	368932

TC4: STAND TABLE FOR STRATA 01 -- NET CUFT VOLUME

PAGE 82

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS

1-4	0	0	0
6	0	0	0
8	1857	0	1857
10	15010	1211	16221
12	28113	0	28113
14	44346	0	44346
16	35538	0	35538
18	20472	0	20472
20	21829	0	21829
22	7998	1539	9537
24	0	0	0
26	0	0	0
28	4131	0	4131
TOTALS	179294	2750	182044

TC4: STAND TABLE FOR STRATA 02 -- NET CUFT VOLUME

PAGE 83

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	0	0
10	31363	31363
12	7142	7142
14	33106	33106
16	20672	20672
18	26518	26518
20	30971	30971
22	26719	26719
24	14651	14651
TOTALS	191141	191141

TC4: STAND TABLE FOR STRATA 03 -- NET CUFT VOLUME

PAGE 84

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS
1-4	0	0	0	0
6	0	0	0	0
8	4553	496	0	5049
10	8044	0	0	8044
12	37656	0	0	37656
14	18621	0	0	18621
16	101377	2227	0	103604
18	56457	0	8237	64694
20	13819	0	0	13819
22	29580	0	0	29580
24	28924	0	0	28924
26	22102	4186	0	26288
28	0	0	0	0
30	0	0	0	0
32	18204	0	0	18204
TOTALS	339338	6909	8237	354484

TC4: STAND TABLE FOR STRATA 04 -- NET CUFT VOLUME

PAGE 85

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	3288	3288
10	3422	3422
12	26898	26898
14	11421	11421
16	9044	9044
18	0	0
20	25965	25965
22	9007	9007
24	6471	6471
26	0	0
28	0	0
30	3962	3962
32	4248	4248
34	5737	5737
TOTALS	109463	109463

TC4: STAND TABLE FOR STRATA 05 -- NET CUFT VOLUME

PAGE 86

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS
1-4	0	0
6	0	0
8	138	138
10	785	785
12	944	944
14	652	652
16	267	267
18	1136	1136
20	2117	2117
TOTALS	6039	6039

TC4: STAND TABLE FOR STRATA 06 -- NET CUFT VOLUME

PAGE 87

FOR PRIMARY PRODUCT ONLY - BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS
1-4	0	0	0
6	0	0	0
8	0	945	945
10	34208	0	34208
12	52746	9120	61866
14	53276	0	53276
16	29416	0	29416
18	30420	8025	38445
20	53903	0	53903
22	31541	0	31541
24	13895	0	13895
TOTALS	299406	18090	317496

TC58: STAND TABLE FOR SALE 54194 -- NET BDFT VOLUME

PAGE 88

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#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS
1-3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	14317	7583	0	21899
9	116548	0	0	116548
10	147698	0	0	147698
11	457243	5109	0	462352
12	338524	13267	0	351791
13	365125	29441	0	394566
14	345395	0	0	345395
15	731568	0	0	731568
16	411043	12520	0	423562
17	382266	0	0	382266
18	305588	39661	48563	393812
19	425899	0	0	425899
20	297543	0	0	297543
21	740125	0	0	740125
22	355854	9246	0	365099
23	104820	0	0	104820
24	205718	0	0	205718
25	74503	0	0	74503
26	137636	28078	0	165714
27	0	0	0	0
28	26375	0	0	26375
29	0	0	0	0
30	27413	0	0	27413
31	0	0	0	0
32	156726	0	0	156726
33	0	0	0	0
34	0	0	0	0
35	41950	0	0	41950
TOTALS	6209877	144904	48563	6403344

TC6: STAND TABLE FOR STRATA 01 -- ESTIMATED NUMBER OF TREES

PAGE 89

BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS

1-4	0	0	0
6	0	0	0
8	338	0	338
10	1169	111	1280
12	1590	0	1590
14	1542	0	1542
16	987	0	987
18	378	0	378
20	320	0	320
22	110	27	136
24	0	0	0
26	0	0	0
28	33	0	33
TOTALS	6466	138	6604

TC6: STAND TABLE FOR STRATA 02 -- ESTIMATED NUMBER OF TREES

PAGE 90

BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	0	0
10	3077	3077
12	401	401
14	980	980
16	677	677
18	481	481
20	377	377
22	343	343
24	184	184
TOTALS	6521	6521

TC6: STAND TABLE FOR STRATA 03 -- ESTIMATED NUMBER OF TREES

PAGE 91

BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS

1-4	0	0	0	0
6	0	0	0	0
8	1423	261	0	1684
10	847	0	0	847
12	2700	0	0	2700
14	970	0	0	970
16	3002	73	0	3075
18	1180	0	108	1288
20	233	0	0	233
22	404	0	0	404
24	315	0	0	315
26	276	27	0	303
28	0	0	0	0
30	0	0	0	0
32	91	0	0	91
TOTALS	11441	361	108	11910

TC6: STAND TABLE FOR STRATA 04 -- ESTIMATED NUMBER OF TREES

PAGE 92

BY 2" DIAMETER CLASS

(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS

1-4	0	0
6	0	0
8	631	631
10	542	542
12	1480	1480
14	359	359
16	299	299
18	0	0
20	436	436
22	108	108
24	83	83
26	0	0
28	0	0
30	27	27
32	23	23
34	20	20
TOTALS	4008	4008

BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	
PROD	01	
U OF M	01	TOTALS
1-4	0	0
6	0	0
8	33	33
10	87	87
12	55	55
14	22	22
16	11	11
18	22	22
20	33	33
TOTALS	262	262

BY 2" DIAMETER CLASS
(12-inch class = 11.0 - 12.9 inches; 14-inch class = 13.0 - 14.9 inches, and so on.)
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	
PROD	01	01	
U OF M	01	01	TOTALS
1-4	0	0	0
6	0	0	0
8	0	497	497
10	4923	0	4923
12	4604	603	5207
14	2468	0	2468
16	585	0	585
18	461	201	662
20	748	0	748
22	345	0	345
24	299	0	299
TOTALS	14434	1302	15736

TC60: STAND TABLE FOR SALE 54194 -- NET CUFT VOLUME

PAGE 95

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#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS
1-3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	4576	1441	0	6017
9	24814	0	0	24814
10	32152	0	0	32152
11	96622	1211	0	97832
12	71490	2830	0	74320
13	70448	6290	0	76738
14	64130	0	0	64130
15	132932	0	0	132932
16	75765	2227	0	77993
17	67631	0	0	67631
18	55707	8025	8237	71970
19	72807	0	0	72807
20	51726	0	0	51726
21	122975	0	0	122975
22	58582	1539	0	60121
23	18708	0	0	18708
24	32948	0	0	32948
25	12285	0	0	12285
26	22102	4186	0	26288
27	0	0	0	0
28	4131	0	0	4131
29	0	0	0	0
30	3962	0	0	3962
31	0	0	0	0
32	22452	0	0	22452
33	0	0	0	0
34	0	0	0	0
35	5737	0	0	5737
TOTALS	1124681	27749	8237	1160668

TC62: STAND TABLE FOR SALE 54194 -- ESTIMATED NUMBER OF TREES

PAGE 96

BY 1" DIAMETER CLASS

(5-inch class = 4.6 - 5.5 inches; 9-inch class = 8.6 - 9.5 inches, and so on.)

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

SPEC	DF	PP	WF	
PROD	01	01	01	
U OF M	01	01	01	TOTALS
1-3	0	0	0	0
4	0	0	0	0
5	0	0	0	0
6	0	0	0	0
7	0	0	0	0
8	1434	758	0	2192
9	4147	0	0	4147
10	4069	0	0	4069
11	8514	111	0	8625
12	4000	221	0	4221
13	3854	382	0	4236
14	2678	0	0	2678
15	4083	0	0	4083
16	2175	73	0	2248
17	1476	0	0	1476
18	1090	201	108	1399
19	1147	0	0	1147
20	811	0	0	811
21	1651	0	0	1651
22	653	27	0	680
23	396	0	0	396
24	332	0	0	332
25	153	0	0	153
26	276	27	0	303
27	0	0	0	0
28	33	0	0	33
29	0	0	0	0
30	27	0	0	27
31	0	0	0	0
32	114	0	0	114
33	0	0	0	0
34	0	0	0	0
35	20	0	0	20
TOTALS	43132	1801	108	45041

UC1: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 97

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

***** PRIMARY PRODUCT *****															
AVGDEF															
S T R A T A	U N I T	S P E C I E S	U		%		GROSS	NET	***** STRATA LEVEL *****						
			P	O	B	C	BDF	BDF	EST.						
			R	F	D	C	CU	CU	NO	OF	** GROSS VOLUME **		** NET VOLUME **		
			O		F	U	FT	FT	TREES		BDF	CU	BDF	CU	CORDS
01	03	DF	01	01	5	5	5.4132	5.3963	1223	193974	35833	183046	33921		
01	03	PP	01	01	15	17	5.1384	5.2203	26	3224	628	2716	520		
			UNIT	03	TOTAL	5	5	5.4085	5.3937	1249	197199	36461	185762	34441	0.00
01	13	DF	01	01	5	5	5.4132	5.3963	547	86746	16025	81859	15169		
01	13	PP	01	01	15	17	5.1384	5.2203	12	1442	281	1214	233		
			UNIT	13	TOTAL	5	5	5.4085	5.3937	559	88188	16306	83074	15402	0.00
01	16	DF	01	01	5	5	5.4132	5.3963	236	37349	6900	35245	6531		
01	16	PP	01	01	15	17	5.1384	5.2203	5	621	121	523	100		
			UNIT	16	TOTAL	5	5	5.4085	5.3937	241	37970	7020	35768	6631	0.00
01	02	DF	01	01	5	5	5.4132	5.3963	843	133734	24705	126200	23386		
01	02	PP	01	01	15	17	5.1384	5.2203	18	2223	433	1872	359		
			UNIT	02	TOTAL	5	5	5.4085	5.3937	861	135957	25138	128072	23745	0.00
01	07	DF	01	01	5	5	5.4132	5.3963	441	69879	12909	65942	12220		
01	07	PP	01	01	15	17	5.1384	5.2203	9	1162	226	978	187		
			UNIT	07	TOTAL	5	5	5.4085	5.3937	450	71041	13135	66920	12407	0.00
01	08	DF	01	01	5	5	5.4132	5.3963	843	133734	24705	126200	23386		
01	08	PP	01	01	15	17	5.1384	5.2203	18	2223	433	1872	359		
			UNIT	08	TOTAL	5	5	5.4085	5.3937	861	135957	25138	128072	23745	0.00
01	12	DF	01	01	5	5	5.4132	5.3963	274	43373	8012	40930	7585		
01	12	PP	01	01	15	17	5.1384	5.2203	6	721	140	607	116		
			UNIT	12	TOTAL	5	5	5.4085	5.3937	279	44094	8153	41537	7701	0.00
01	09	DF	01	01	5	5	5.4132	5.3963	646	102409	18918	96639	17908		

UC1: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 98

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

***** PRIMARY PRODUCT *****															
AVGDEF															
S T R A T A	U N I T S	S P E C I E S	U		%		GROSS	NET	***** STRATA LEVEL *****						
			P	O	B	C	BDFT	BDFT	EST.						
			R	F	D	U	CUFT	CUFT	NO	OF	**	GROSS VOLUME	**	NET VOLUME	**
			O	M	F	F			TREES		BDFT	CUFT	BDFT	CUFT	CORDS
01	09	PP	01	01	15	17	5.1384	5.2203	14	1702	331	1434	275		
			UNIT	09	TOTAL	5	5	5.4085	5.3937	660	104111	19250	98073	18183	0.00
01	17	DF	01	01	5	5	5.4132	5.3963	258	40964	7567	38656	7163		
01	17	PP	01	01	15	17	5.1384	5.2203	6	681	133	573	110		
			UNIT	17	TOTAL	5	5	5.4085	5.3937	264	41644	7700	39229	7273	0.00
01	10	DF	01	01	5	5	5.4132	5.3963	653	103614	19141	97776	18119		
01	10	PP	01	01	15	17	5.1384	5.2203	14	1722	335	1451	278		
			UNIT	10	TOTAL	5	5	5.4085	5.3937	667	105336	19476	99227	18397	0.00
01	14	DF	01	01	5	5	5.4132	5.3963	501	79517	14689	75038	13905		
01	14	PP	01	01	15	17	5.1384	5.2203	11	1322	257	1113	213		
			UNIT	14	TOTAL	5	5	5.4085	5.3937	512	80839	14947	76151	14119	0.00
			STRATA	01	TOTAL	5	5	5.4085	5.3937	6604	1042336	192722	981884	182044	0.00
02	23	DF	01	01	8	7	5.6232	5.5794	2355	419609	74620	385051	69013		
			UNIT	23	TOTAL	8	7	5.6232	5.5794	2355	419609	74620	385051	69013	0.00
02	46	DF	01	01	8	7	5.6232	5.5794	2009	358095	63681	328604	58896		
			UNIT	46	TOTAL	8	7	5.6232	5.5794	2009	358095	63681	328604	58896	0.00
02	61	DF	01	01	8	7	5.6232	5.5794	604	107648	19143	98783	17705		
			UNIT	61	TOTAL	8	7	5.6232	5.5794	604	107648	19143	98783	17705	0.00

UC1: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 99

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

***** PRIMARY PRODUCT *****															
AVGDEF															
S T R A T A	U N I T	S P E C I E S	U		%		GROSS		NET		***** STRATA LEVEL *****				
			P	O	B	C	BDFT	BDFT	EST.						
			R	F	D	U	CUFT	CUFT	NO	OF	**	GROSS VOLUME	**	NET VOLUME	**
			O		F	F			TREES		BDFT	CUFT	BDFT	CUFT	CORDS
02	66	DF	01	01	8	7	5.6232	5.5794	1553	276810	49226	254013	45527		
			UNIT	66	TOTAL	8	7	5.6232	5.5794	1553	276810	49226	254013	45527	0.00
			STRATA	02	TOTAL	8	7	5.6232	5.5794	6521	1162162	206671	1066450	191141	0.00
03	28	DF	01	01	8	8	5.5969	5.5692	2562	463364	82789	423140	75979		
03	28	PP	01	01	8	9	6.1841	6.2538	81	10612	1716	9674	1547		
03	28	WF	01	01	1	2	5.8899	5.8954	24	11091	1883	10874	1844		
			UNIT	28	TOTAL	8	8	5.6150	5.5901	2667	485066	86388	443688	79371	0.00
03	33	DF	01	01	8	8	5.5969	5.5692	1331	240751	43015	219852	39477		
03	33	PP	01	01	8	9	6.1841	6.2538	42	5514	892	5026	804		
03	33	WF	01	01	1	2	5.8899	5.8954	13	5762	978	5650	958		
			UNIT	33	TOTAL	8	8	5.6150	5.5901	1386	252027	44885	230528	41239	0.00
03	71	DF	01	01	8	8	5.5969	5.5692	392	70906	12669	64751	11627		
03	71	PP	01	01	8	9	6.1841	6.2538	12	1624	263	1480	237		
03	71	WF	01	01	1	2	5.8899	5.8954	4	1697	288	1664	282		
			UNIT	71	TOTAL	8	8	5.6150	5.5901	408	74227	13220	67895	12146	0.00
03	54	DF	01	01	8	8	5.5969	5.5692	1586	286923	51264	262016	47048		
03	54	PP	01	01	8	9	6.1841	6.2538	50	6571	1063	5990	958		
03	54	WF	01	01	1	2	5.8899	5.8954	15	6867	1166	6733	1142		
			UNIT	54	TOTAL	8	8	5.6150	5.5901	1651	300361	53493	274739	49148	0.00
03	19	DF	01	01	8	8	5.5969	5.5692	419	75853	13553	69268	12438		
03	19	PP	01	01	8	9	6.1841	6.2538	13	1737	281	1584	253		
03	19	WF	01	01	1	2	5.8899	5.8954	4	1816	308	1780	302		

***** PRIMARY PRODUCT *****														
AVGDEF														
S T R A T A	S P E C I E S	U		%		GROSS	NET	***** STRATA LEVEL *****						
		P R O D U C T	O F F T	B D F T	C U F T	R A T I O	B D F T	C U F T	EST.					
									NO OF		** GROSS VOLUME **		** NET VOLUME **	
									T R E E S	B D F T	C U F T	B D F T	C U F T	C O R D S
UNIT 19 TOTAL		8	8	5.6150	5.5901	437	79406	14142	72632	12993	0.00			
03	65 DF	01 01		8	8	5.5969	5.5692	483	87396	15615	79809	14331		
03	65 PP	01 01		8	9	6.1841	6.2538	15	2002	324	1825	292		
03	65 WF	01 01		1	2	5.8899	5.8954	5	2092	355	2051	348		
UNIT 65 TOTAL		8	8	5.6150	5.5901	503	91489	16294	83685	14970	0.00			
03	53 DF	01 01		8	8	5.5969	5.5692	1586	286923	51264	262016	47048		
03	53 PP	01 01		8	9	6.1841	6.2538	50	6571	1063	5990	958		
03	53 WF	01 01		1	2	5.8899	5.8954	15	6867	1166	6733	1142		
UNIT 53 TOTAL		8	8	5.6150	5.5901	1651	300361	53493	274739	49148	0.00			
03	21 DF	01 01		8	8	5.5969	5.5692	3081	557356	99582	508973	91391		
03	21 PP	01 01		8	9	6.1841	6.2538	97	12765	2064	11637	1861		
03	21 WF	01 01		1	2	5.8899	5.8954	29	13340	2265	13079	2219		
UNIT 21 TOTAL		8	8	5.6150	5.5901	3208	583461	103911	533688	95471	0.00			
STRATA 03 TOTAL		8	8	5.6150	5.5901	11910	2166400	385825	1981595	354484	0.00			
04	40 DF	01 01		10	10	5.6954	5.6951	130	22635	3974	20206	3548		
UNIT 40 TOTAL		10	10	5.6954	5.6951	130	22635	3974	20206	3548	0.00			
04	27 DF	01 01		10	10	5.6954	5.6951	48	8383	1472	7484	1314		
UNIT 27 TOTAL		10	10	5.6954	5.6951	48	8383	1472	7484	1314	0.00			
04	24 DF	01 01		10	10	5.6954	5.6951	265	46108	8096	41161	7227		
UNIT 24 TOTAL		10	10	5.6954	5.6951	265	46108	8096	41161	7227	0.00			

CRUISE#: 54194 SALE#: 54194

SALENAME: Rattail Cruise

RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024

VOLUME LIBRARY VERSION: 06.26.2024

***** PRIMARY PRODUCT *****															
AVGDEF															
S T R A T A	U N I T	S P E C I E S	U		%	%	GROSS	NET	***** STRATA LEVEL *****						
			P	O	B	C	BDFT	BDFT	EST.						
			R	F	D	U	CUFT	CUFT	NO	OF	**	GROSS VOLUME	**	NET VOLUME	**
			O		F	F									
			D	M	T	T	RATIO	RATIO	TREES		BDFT	CUFT	BDFT	CUFT	CORDS
04	42	DF	01	01		10	10	5.6954	5.6951	67	11737	2061	10477	1840	
			UNIT	42	TOTAL	10	10	5.6954	5.6951	67	11737	2061	10477	1840	0.00
04	44	DF	01	01		10	10	5.6954	5.6951	188	32695	5741	29187	5125	
			UNIT	44	TOTAL	10	10	5.6954	5.6951	188	32695	5741	29187	5125	0.00
04	22	DF	01	01		10	10	5.6954	5.6951	327	57007	10009	50890	8936	
			UNIT	22	TOTAL	10	10	5.6954	5.6951	327	57007	10009	50890	8936	0.00
04	48	DF	01	01		10	10	5.6954	5.6951	1506	262398	46072	234242	41131	
			UNIT	48	TOTAL	10	10	5.6954	5.6951	1506	262398	46072	234242	41131	0.00
04	20	DF	01	01		10	10	5.6954	5.6951	149	25988	4563	23200	4074	
			UNIT	20	TOTAL	10	10	5.6954	5.6951	149	25988	4563	23200	4074	0.00
04	69	DF	01	01		10	10	5.6954	5.6951	130	22635	3974	20206	3548	
			UNIT	69	TOTAL	10	10	5.6954	5.6951	130	22635	3974	20206	3548	0.00
04	68	DF	01	01		10	10	5.6954	5.6951	857	149223	26201	133211	23391	
			UNIT	68	TOTAL	10	10	5.6954	5.6951	857	149223	26201	133211	23391	0.00
04	45	DF	01	01		10	10	5.6954	5.6951	342	59521	10451	53135	9330	
			UNIT	45	TOTAL	10	10	5.6954	5.6951	342	59521	10451	53135	9330	0.00
			STRATA	04	TOTAL	10	10	5.6954	5.6951	4008	698330	122614	623398	109463	0.00

***** PRIMARY PRODUCT *****														
***** STRATA LEVEL *****														
***** ** GROSS VOLUME ** ** NET VOLUME **														
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UC1: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 103

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

***** PRIMARY PRODUCT *****														
		AVGDEF				GROSS		NET		***** STRATA LEVEL *****				
S	S			%	%					EST.	** GROSS VOLUME **		** NET VOLUME **	
T	P	U				BDFT	BDFT	BDFT	BDFT					
R	E			B	C			CUFT	CUFT	NO OF				
A	N	P O	R F	D	U					TREES				
T	I	O		F	F									
A	T S	D M		T	T	RATIO	RATIO				BDFT	CUFT	BDFT	CUFT CORDS
06	26	DF	01 01	13	14	5.4020	5.4440	206	26993	4997	23285	4277		
06	26	PP	01 01	4	5	4.7999	4.8282	19	1313	274	1248	258		
		UNIT 26	TOTAL	13	13	5.3707	5.4089	225	28306	5270	24533	4536	0.00	
06	04	DF	01 01	13	14	5.4020	5.4440	918	120162	22244	103657	19041		
06	04	PP	01 01	4	5	4.7999	4.8282	83	5846	1218	5555	1150		
		UNIT 04	TOTAL	13	13	5.3707	5.4089	1001	126008	23462	109211	20191	0.00	
06	05	DF	01 01	13	14	5.4020	5.4440	519	67918	12573	58589	10762		
06	05	PP	01 01	4	5	4.7999	4.8282	47	3304	688	3140	650		
		UNIT 05	TOTAL	13	13	5.3707	5.4089	566	71222	13261	61728	11412	0.00	
06	06	DF	01 01	13	14	5.4020	5.4440	678	88816	16441	76616	14073		
06	06	PP	01 01	4	5	4.7999	4.8282	61	4321	900	4106	850		
		UNIT 06	TOTAL	13	13	5.3707	5.4089	740	93136	17342	80722	14924	0.00	
06	29	DF	01 01	13	14	5.4020	5.4440	1483	194175	35945	167504	30768		
06	29	PP	01 01	4	5	4.7999	4.8282	134	9446	1968	8976	1859		
		UNIT 29	TOTAL	13	13	5.3707	5.4089	1617	203621	37913	176479	32627	0.00	
06	31	DF	01 01	13	14	5.4020	5.4440	379	49632	9188	42815	7865		
06	31	PP	01 01	4	5	4.7999	4.8282	34	2414	503	2294	475		
		UNIT 31	TOTAL	13	13	5.3707	5.4089	413	52047	9691	45109	8340	0.00	
06	47	DF	01 01	13	14	5.4020	5.4440	778	101877	18859	87883	16143		
06	47	PP	01 01	4	5	4.7999	4.8282	70	4956	1033	4709	975		
		UNIT 47	TOTAL	13	13	5.3707	5.4089	848	106833	19892	92592	17118	0.00	
06	18	DF	01 01	13	14	5.4020	5.4440	1310	171536	31754	147974	27181		

UC1: VOLUME BY SPECIES WITHIN CUTTING UNIT FOR EACH STRATUM-SAWTIMBER
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 104

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

***** PRIMARY PRODUCT *****															
		AVGDEF				GROSS	NET	***** STRATA LEVEL *****							
S T R A T A	U N I T	S P E C I E S	U		%	%			***** EST. *****						
			P	O	B	C	BDFT	BDFT	NO OF		** GROSS VOLUME **		** NET VOLUME **		
			R	F	D	U	CUFT	CUFT							
			O	M	F	F			TREES	BDFT	CUFT	BDFT	CUFT	CORDS	
06	18	PP	01	01	4	5	4.7999	4.8282	118	8345	1739	7929	1642		
			UNIT	18	TOTAL	13	13	5.3707	5.4089	1429	179881	33493	155903	28823	0.00
06	60	DF	01	01	13	14	5.4020	5.4440	299	39183	7254	33801	6209		
06	60	PP	01	01	4	5	4.7999	4.8282	27	1906	397	1811	375		
			UNIT	60	TOTAL	13	13	5.3707	5.4089	326	41090	7651	35612	6584	0.00
06	62	DF	01	01	13	14	5.4020	5.4440	1556	203753	37718	175766	32286		
06	62	PP	01	01	4	5	4.7999	4.8282	140	9912	2065	9419	1951		
			UNIT	62	TOTAL	13	13	5.3707	5.4089	1697	213665	39783	185185	34237	0.00
06	62a	DF	01	01	13	14	5.4020	5.4440	439	57469	10639	49575	9106		
06	62a	PP	01	01	4	5	4.7999	4.8282	40	2796	582	2657	550		
			UNIT	62a	TOTAL	13	13	5.3707	5.4089	479	60265	11221	52232	9657	0.00
06	37	DF	01	01	13	14	5.4020	5.4440	2721	356133	65927	307215	56432		
06	37	PP	01	01	4	5	4.7999	4.8282	245	17325	3609	16462	3410		
			UNIT	37	TOTAL	13	13	5.3707	5.4089	2966	373458	69536	323678	59841	0.00
06	11	DF	01	01	13	14	5.4020	5.4440	1297	169794	31432	146472	26905		
06	11	PP	01	01	4	5	4.7999	4.8282	117	8260	1721	7849	1626		
			UNIT	11	TOTAL	13	13	5.3707	5.4089	1414	178055	33153	154321	28531	0.00
06	51	DF	01	01	13	14	5.4020	5.4440	838	109713	20310	94643	17385		
06	51	PP	01	01	4	5	4.7999	4.8282	76	5337	1112	5072	1050		
			UNIT	51	TOTAL	13	13	5.3707	5.4089	914	115051	21422	99715	18435	0.00
06	20a	DF	01	01	13	14	5.4020	5.4440	93	12190	2257	10516	1932		
06	20a	PP	01	01	4	5	4.7999	4.8282	8	593	124	564	117		

***** PRIMARY PRODUCT *****															
AVGDEF															
S T R A T A	U N I T	S P E C I E S	U		%		GROSS	NET	***** STRATA LEVEL *****						
			P	O	B	C	BDFT	BDFT	EST.						
			R	F	D	U	CUFT	CUFT	NO	OF	**	GROSS VOLUME	**	NET VOLUME	**
			O	M	T	F	F			TREES	BDFT	CUFT	BDFT	CUFT	CORDS
			UNIT 20a	TOTAL	13	13	5.3707	5.4089	102	12783	2380	11079	2048	0.00	
			STRATA 06	TOTAL	13	13	5.3707	5.4089	15736	1981427	368932	1717311	317496	0.00	
TOTALS -----					EST. NO OF TREES		***** GROSS VOLUME *****		***** NET VOLUME *****						
							BDFT	CUFT	BDFT		CUFT		CORDS		
					45041		7087445	1283558	6403344		1160668		0.00		

* 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.

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 106

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

S P E C I E S	U N I T	***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)						***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)				
		TOTAL EST.	EST.	** GROSS VOLUME **		** NET VOLUME **		*** GROSS ***		*** NET ***		
		# OF TREES	# OF TREES	BDF	CUFT	BDF	CUFT	BDF	CUFT	BDF	CUFT	CORDS
	01 DF	91	91	12778	2360	11360	2098	1365	343	1282	329	0.00
UNIT	01 TOTAL	91	91	12778	2360	11360	2098	1365	343	1282	329	0.00
	02 DF	843	843	133734	24705	126200	23386	13338	3220	12819	3149	0.00
	02 PP	18	18	2223	433	1872	359	180	59	180	59	0.00
UNIT	02 TOTAL	861	861	135957	25138	128072	23745	13517	3280	12998	3209	0.00
	03 DF	1223	1223	193974	35833	183046	33921	19345	4671	18593	4568	0.00
	03 PP	26	26	3224	628	2716	520	261	86	261	86	0.00
UNIT	03 TOTAL	1249	1249	197199	36461	185762	34441	19606	4757	18853	4654	0.00
	04 DF	918	918	120162	22244	103657	19041	10097	2748	10097	2748	0.00
	04 PP	83	83	5846	1218	5555	1150	891	206	891	206	0.00
UNIT	04 TOTAL	1001	1001	126008	23462	109211	20191	10988	2955	10988	2955	0.00
	05 DF	519	519	67918	12573	58589	10762	5707	1553	5707	1553	0.00
	05 PP	47	47	3304	688	3140	650	503	117	503	117	0.00
UNIT	05 TOTAL	566	566	71222	13261	61728	11412	6211	1670	6211	1670	0.00
	06 DF	678	678	88816	16441	76616	14073	7463	2031	7463	2031	0.00
	06 PP	61	61	4321	900	4106	850	658	153	658	153	0.00
UNIT	06 TOTAL	740	740	93136	17342	80722	14924	8121	2184	8121	2184	0.00
	07 DF	441	441	69879	12909	65942	12220	6969	1683	6698	1646	0.00
	07 PP	9	9	1162	226	978	187	94	31	94	31	0.00
UNIT	07 TOTAL	450	450	71041	13135	66920	12407	7063	1714	6792	1677	0.00
	08 DF	843	843	133734	24705	126200	23386	13338	3220	12819	3149	0.00
	08 PP	18	18	2223	433	1872	359	180	59	180	59	0.00
UNIT	08 TOTAL	861	861	135957	25138	128072	23745	13517	3280	12998	3209	0.00

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 107

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

U N I T	S P E C I E S	TOTAL	***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)				***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)					
		EST.	EST.									
		# OF	# OF	** GROSS VOLUME **	** NET VOLUME **	*** GROSS	*** NET	***				
		TREES	TREES	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	CORDS
09	DF	646	646	102409	18918	96639	17908	10213	2466	9816	2412	0.00
09	PP	14	14	1702	331	1434	275	138	46	138	46	0.00
UNIT 09 TOTAL		660	660	104111	19250	98073	18183	10351	2512	9954	2457	0.00
10	DF	653	653	103614	19141	97776	18119	10334	2495	9931	2440	0.00
10	PP	14	14	1722	335	1451	278	139	46	139	46	0.00
UNIT 10 TOTAL		667	667	105336	19476	99227	18397	10473	2541	10071	2486	0.00
11	DF	1297	1297	169794	31432	146472	26905	14268	3883	14268	3883	0.00
11	PP	117	117	8260	1721	7849	1626	1258	292	1258	292	0.00
UNIT 11 TOTAL		1414	1414	178055	33153	154321	28531	15526	4175	15526	4175	0.00
12	DF	274	274	43373	8012	40930	7585	4326	1044	4157	1021	0.00
12	PP	6	6	721	140	607	116	58	19	58	19	0.00
UNIT 12 TOTAL		279	279	44094	8153	41537	7701	4384	1064	4216	1041	0.00
13	DF	547	547	86746	16025	81859	15169	8651	2089	8315	2043	0.00
13	PP	12	12	1442	281	1214	233	117	39	117	39	0.00
UNIT 13 TOTAL		559	559	88188	16306	83074	15402	8768	2127	8431	2081	0.00
14	DF	501	501	79517	14689	75038	13905	7930	1915	7622	1873	0.00
14	PP	11	11	1322	257	1113	213	107	35	107	35	0.00
UNIT 14 TOTAL		512	512	80839	14947	76151	14119	8037	1950	7729	1908	0.00
15	DF	62	62	8706	1608	7740	1429	930	234	873	224	0.00
UNIT 15 TOTAL		62	62	8706	1608	7740	1429	930	234	873	224	0.00
16	DF	236	236	37349	6900	35245	6531	3725	899	3580	880	0.00
16	PP	5	5	621	121	523	100	50	17	50	17	0.00
UNIT 16 TOTAL		241	241	37970	7020	35768	6631	3775	916	3630	896	0.00

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 108

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

S P E C I E S	U N I T	TOTAL		***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)				***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)				
		EST.	EST.	** GROSS VOLUME **		** NET VOLUME **		*** GROSS ***		*** NET ***		
		# OF	# OF									
		TREES	TREES	BDF	CUFT	BDF	CUFT	BDF	CUFT	BDF	CUFT	CORDS
17 DF		258	258	40964	7567	38656	7163	4085	986	3926	965	0.00
17 PP		6	6	681	133	573	110	55	18	55	18	0.00
UNIT 17	TOTAL	264	264	41644	7700	39229	7273	4140	1005	3981	983	0.00
18 DF		1310	1310	171536	31754	147974	27181	14414	3923	14414	3923	0.00
18 PP		118	118	8345	1739	7929	1642	1271	295	1271	295	0.00
UNIT 18	TOTAL	1429	1429	179881	33493	155903	28823	15686	4218	15686	4218	0.00
19 DF		419	419	75853	13553	69268	12438	5391	1537	5316	1515	0.00
19 PP		13	13	1737	281	1584	253	162	37	162	37	0.00
19 WF		4	4	1816	308	1780	302	39	15	39	15	0.00
UNIT 19	TOTAL	437	437	79406	14142	72632	12993	5593	1589	5518	1568	0.00
20 DF		149	149	25988	4563	23200	4074	2250	551	2250	551	0.00
UNIT 20	TOTAL	149	149	25988	4563	23200	4074	2250	551	2250	551	0.00
20a DF		93	93	12190	2257	10516	1932	1024	279	1024	279	0.00
20a PP		8	8	593	124	564	117	90	21	90	21	0.00
UNIT 20a	TOTAL	102	102	12783	2380	11079	2048	1115	300	1115	300	0.00
21 DF		3081	3081	557356	99582	508973	91391	39611	11293	39063	11134	0.00
21 PP		97	97	12765	2064	11637	1861	1192	274	1192	274	0.00
21 WF		29	29	13340	2265	13079	2219	290	110	290	110	0.00
UNIT 21	TOTAL	3208	3208	583461	103911	533688	95471	41093	11677	40545	11518	0.00
22 DF		327	327	57007	10009	50890	8936	4936	1209	4936	1209	0.00
UNIT 22	TOTAL	327	327	57007	10009	50890	8936	4936	1209	4936	1209	0.00
23 DF		2355	2355	419609	74620	385051	69013	35698	9263	35001	9170	0.00
UNIT 23	TOTAL	2355	2355	419609	74620	385051	69013	35698	9263	35001	9170	0.00

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
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SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 109

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

SPECIES	UNIT	TOTAL		***** SAWTIMBER ***** (PROD = 01 UM = 01, 03)				***** NON-SAWTIMBER ***** (PROD NOT = 01 UM = 01, 02, 03) (AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)				
		EST.	EST.									
		# OF	# OF	** GROSS VOLUME **		** NET VOLUME **		*** GROSS ***	***	*** NET ***	***	
		TREES	TREES	BDF	CUFT	BDF	CUFT	BDF	CUFT	BDF	CUFT	CORDS
24	DF	265	265	46108	8096	41161	7227	3992	978	3992	978	0.00
UNIT	24 TOTAL	265	265	46108	8096	41161	7227	3992	978	3992	978	0.00
25	DF	40	40	5224	967	4507	828	439	119	439	119	0.00
25	PP	4	4	254	53	242	50	39	9	39	9	0.00
UNIT	25 TOTAL	44	44	5479	1020	4748	878	478	128	478	128	0.00
26	DF	206	206	26993	4997	23285	4277	2268	617	2268	617	0.00
26	PP	19	19	1313	274	1248	258	200	46	200	46	0.00
UNIT	26 TOTAL	225	225	28306	5270	24533	4536	2468	664	2468	664	0.00
27	DF	48	48	8383	1472	7484	1314	726	178	726	178	0.00
UNIT	27 TOTAL	48	48	8383	1472	7484	1314	726	178	726	178	0.00
28	DF	2562	2562	463364	82789	423140	75979	32931	9388	32476	9256	0.00
28	PP	81	81	10612	1716	9674	1547	991	228	991	228	0.00
28	WF	24	24	11091	1883	10874	1844	241	92	241	92	0.00
UNIT	28 TOTAL	2667	2667	485066	86388	443688	79371	34163	9707	33708	9576	0.00
29	DF	1483	1483	194175	35945	167504	30768	16317	4441	16317	4441	0.00
29	PP	134	134	9446	1968	8976	1859	1439	334	1439	334	0.00
UNIT	29 TOTAL	1617	1617	203621	37913	176479	32627	17756	4775	17756	4775	0.00
30	DF	379	379	49632	9188	42815	7865	4171	1135	4171	1135	0.00
30	PP	34	34	2414	503	2294	475	368	85	368	85	0.00
UNIT	30 TOTAL	413	413	52047	9691	45109	8340	4538	1220	4538	1220	0.00
31	DF	379	379	49632	9188	42815	7865	4171	1135	4171	1135	0.00
31	PP	34	34	2414	503	2294	475	368	85	368	85	0.00
UNIT	31 TOTAL	413	413	52047	9691	45109	8340	4538	1220	4538	1220	0.00

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CRUISE#: 54194 SALE#: 54194
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RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 110

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

UNIT	SPECIES	TOTAL	***** SAWTIMBER *****				***** NON-SAWTIMBER *****							
			(PROD = 01 UM = 01, 03)						(PROD NOT = 01 UM = 01, 02, 03)					
		EST.	EST.					(AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)						
		# OF	# OF	** GROSS VOLUME **		** NET VOLUME **		*** GROSS ***		*** NET ***				
		TREES	TREES	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	CORDS		
33	DF	1331	1331	240751	43015	219852	39477	17110	4878	16873	4809	0.00		
33	PP	42	42	5514	892	5026	804	515	118	515	118	0.00		
33	WF	13	13	5762	978	5650	958	125	48	125	48	0.00		
UNIT 33 TOTAL		1386	1386	252027	44885	230528	41239	17750	5044	17514	4975	0.00		
37	DF	2721	2721	356133	65927	307215	56432	29926	8145	29926	8145	0.00		
37	PP	245	245	17325	3609	16462	3410	2639	612	2639	612	0.00		
UNIT 37 TOTAL		2966	2966	373458	69536	323678	59841	32565	8757	32565	8757	0.00		
39	DF	109	109	15306	2826	13607	2513	1635	411	1535	394	0.00		
UNIT 39 TOTAL		109	109	15306	2826	13607	2513	1635	411	1535	394	0.00		
40	DF	130	130	22635	3974	20206	3548	1960	480	1960	480	0.00		
UNIT 40 TOTAL		130	130	22635	3974	20206	3548	1960	480	1960	480	0.00		
41	DF	93	93	12190	2257	10516	1932	1024	279	1024	279	0.00		
41	PP	8	8	593	124	564	117	90	21	90	21	0.00		
UNIT 41 TOTAL		102	102	12783	2380	11079	2048	1115	300	1115	300	0.00		
42	DF	67	67	11737	2061	10477	1840	1016	249	1016	249	0.00		
UNIT 42 TOTAL		67	67	11737	2061	10477	1840	1016	249	1016	249	0.00		
43	DF	406	406	53115	9833	45819	8416	4463	1215	4463	1215	0.00		
43	PP	37	37	2584	538	2455	509	394	91	394	91	0.00		
UNIT 43 TOTAL		442	442	55699	10371	48275	8925	4857	1306	4857	1306	0.00		
44	DF	188	188	32695	5741	29187	5125	2831	693	2831	693	0.00		
UNIT 44 TOTAL		188	188	32695	5741	29187	5125	2831	693	2831	693	0.00		
45	DF	342	342	59521	10451	53135	9330	5153	1262	5153	1262	0.00		

UC5: VOLUME BY SPECIES WITHIN CUTTING UNIT ACROSS ALL STRATA
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 111

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

UNIT	SPECIES	TOTAL	***** SAWTIMBER *****				***** NON-SAWTIMBER *****						
				(PROD = 01 UM = 01, 03)				(PROD NOT = 01 UM = 01, 02, 03)					
		EST.	EST.					(AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)					
		# OF	# OF	** GROSS VOLUME **	** NET VOLUME **	*** GROSS ***	*** NET ***						
		TREES	TREES	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	CORDS	
UNIT 45	TOTAL	342	342	59521	10451	53135	9330	5153	1262	5153	1262	0.00	
46	DF	2009	2009	358095	63681	328604	58896	30465	7905	29870	7826	0.00	
UNIT 46	TOTAL	2009	2009	358095	63681	328604	58896	30465	7905	29870	7826	0.00	
47	DF	778	778	101877	18859	87883	16143	8561	2330	8561	2330	0.00	
47	PP	70	70	4956	1033	4709	975	755	175	755	175	0.00	
UNIT 47	TOTAL	848	848	106833	19892	92592	17118	9316	2505	9316	2505	0.00	
48	DF	1506	1506	262398	46072	234242	41131	22718	5564	22718	5564	0.00	
UNIT 48	TOTAL	1506	1506	262398	46072	234242	41131	22718	5564	22718	5564	0.00	
51	DF	838	838	109713	20310	94643	17385	9219	2509	9219	2509	0.00	
51	PP	76	76	5337	1112	5072	1050	813	189	813	189	0.00	
UNIT 51	TOTAL	914	914	115051	21422	99715	18435	10032	2698	10032	2698	0.00	
53	DF	1586	1586	286923	51264	262016	47048	20391	5813	20109	5732	0.00	
53	PP	50	50	6571	1063	5990	958	614	141	614	141	0.00	
53	WF	15	15	6867	1166	6733	1142	149	57	149	57	0.00	
UNIT 53	TOTAL	1651	1651	300361	53493	274739	49148	21154	6011	20872	5929	0.00	
54	DF	1586	1586	286923	51264	262016	47048	20391	5813	20109	5732	0.00	
54	PP	50	50	6571	1063	5990	958	614	141	614	141	0.00	
54	WF	15	15	6867	1166	6733	1142	149	57	149	57	0.00	
UNIT 54	TOTAL	1651	1651	300361	53493	274739	49148	21154	6011	20872	5929	0.00	
60	DF	299	299	39183	7254	33801	6209	3293	896	3293	896	0.00	
60	PP	27	27	1906	397	1811	375	290	67	290	67	0.00	
UNIT 60	TOTAL	326	326	41090	7651	35612	6584	3583	963	3583	963	0.00	
61	DF	604	604	107648	19143	98783	17705	9158	2376	8979	2353	0.00	
UNIT 61	TOTAL	604	604	107648	19143	98783	17705	9158	2376	8979	2353	0.00	

UNIT	SPECIES	TOTAL	***** SAWTIMBER *****				***** NON-SAWTIMBER *****					
		EST.	EST.	(PROD = 01 UM = 01, 03)		(PROD NOT = 01 UM = 01, 02, 03)						
		# OF	# OF	** GROSS VOLUME **	** NET VOLUME **	(AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)						
		TREES	TREES	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	CORDS
62	DF	1556	1556	203753	37718	175766	32286	17122	4660	17122	4660	0.00
62	PP	140	140	9912	2065	9419	1951	1510	350	1510	350	0.00
UNIT 62 TOTAL		1697	1697	213665	39783	185185	34237	18632	5010	18632	5010	0.00
62a	DF	439	439	57469	10639	49575	9106	4829	1314	4829	1314	0.00
62a	PP	40	40	2796	582	2657	550	426	99	426	99	0.00
UNIT 62a TOTAL		479	479	60265	11221	52232	9657	5255	1413	5255	1413	0.00
65	DF	483	483	87396	15615	79809	14331	6211	1771	6125	1746	0.00
65	PP	15	15	2002	324	1825	292	187	43	187	43	0.00
65	WF	5	5	2092	355	2051	348	45	17	45	17	0.00
UNIT 65 TOTAL		503	503	91489	16294	83685	14970	6444	1831	6358	1806	0.00
66	DF	1553	1553	276810	49226	254013	45527	23549	6111	23089	6049	0.00
UNIT 66 TOTAL		1553	1553	276810	49226	254013	45527	23549	6111	23089	6049	0.00
68	DF	857	857	149223	26201	133211	23391	12919	3164	12919	3164	0.00
UNIT 68 TOTAL		857	857	149223	26201	133211	23391	12919	3164	12919	3164	0.00
69	DF	130	130	22635	3974	20206	3548	1960	480	1960	480	0.00
UNIT 69 TOTAL		130	130	22635	3974	20206	3548	1960	480	1960	480	0.00
71	DF	392	392	70906	12669	64751	11627	5039	1437	4970	1416	0.00
71	PP	12	12	1624	263	1480	237	152	35	152	35	0.00
71	WF	4	4	1697	288	1664	282	37	14	37	14	0.00
UNIT 71 TOTAL		408	408	74227	13220	67895	12146	5228	1485	5158	1465	0.00

S U B T O T A L S		*****SAWTIMBER*****						*****NON-SAWTIMBER*****				
		TOT EST	EST					GROSS	GROSS	NET	NET	
		# OF	# OF	** GROSS	VOLUME **	** NET	VOLUME **					
SPECIES		TREES	TREES	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	CORDS
DF		43132	43132	6881555	1245017	6209877	1124681	571367	151287	563183	149854	0.00
PP		1801	1801	156358	30131	144904	27749	19807	4719	19807	4719	0.00
WF		108	108	49532	8410	48563	8237	1077	409	1077	409	0.00

CRUISE OF RECORD 11/21/2024

UNIT	SPECIES	TOTAL	***** SAWTIMBER *****				***** NON-SAWTIMBER *****						
			(PROD = 01 UM = 01, 03)				(PROD NOT = 01 UM = 01, 02, 03)						
		EST.	EST.					(AND ALL SECONDARY & RECOVERED PRODUCT VOLUMES)					
		# OF	# OF	** GROSS VOLUME **			** NET VOLUME **			*** GROSS	***	*** NET	***
		TREES	TREES	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT	BDFT	CUFT
OVERALL TOTALS--		45041	45041	7087445	1283558	6403344	1160668	592251	156415	584067	154983	0.00	

* 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.

P R O D						*****PER ACRE *****					
S T R A T A						EST.					
P R O D U C T						NO. OF					
S U M P T M						*****GROSS*****		*****NET*****			
						TREES	BDFT	CUFT	BDFT	CUFT	CORDS
01	01	P	01	DF	N	76	12048	2226	11369	2107	0.0
01	20	S	01	DF	N		1202	290	1155	284	0.0
01	01	P	01	MS	N	2	200	39	169	32	0.0
01	20	S	01	MS	N		16	5	16	5	0.0
02	01	P	01	DF	N	123	21969	3907	20160	3613	0.0
02	20	S	01	DF	N		1869	485	1832	480	0.0
03	01	P	01	DF	N	91	16490	2946	15058	2704	0.0
03	20	S	01	DF	N		1172	334	1156	329	0.0
03	01	P	01	MS	N	4	772	128	731	121	0.0
03	20	S	01	MS	N		44	11	44	11	0.0
04	01	P	01	DF	N	48	8383	1472	7484	1314	0.0
04	20	S	01	DF	N		726	178	726	178	0.0
05	01	P	01	DF	N	57	7998	1477	7110	1313	0.0
05	20	S	01	DF	N		854	215	802	206	0.0
06	01	P	01	DF	N	67	8707	1612	7511	1380	0.0
06	20	S	01	DF	N		732	199	732	199	0.0
06	01	P	01	MS	N	6	424	88	403	83	0.0
06	20	S	01	MS	N		65	15	65	15	0.0

PRODUCT SOURCE KEY:

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Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

VSM1: LOW LEVEL VOLUME SUMMARY (B1)
FOR CUT AND LEAVE TREES
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 115

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

										M E A N		A V G D E F T		G R O S S N E T		***** STRATA LEVEL *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				
										M E A N		B C D U F T		B C D U F T		***** VOLUME *****				

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

P R O D U C T										M E A N		A V G D E F T		G R O S S N E T		***** STRATA LEVEL *****				
S T R A T A	P E C I E S	R O D U C T	S U B S T R A T E	L E C I V E	D E C A O M P	T R E S G P T R E M D C	# O F T R E E S	Q U A D D B H	M E A N D B H	O T H E R	B D F T	C U F T	B D F T	C U F T	***** V O L U M E *****					

PRODUCT SOURCE KEY:

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Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

		P R O D			# OF TREES				M E A N			AVG DEFT			GROSS	NET						
S T R A T	P O D	S O U R C E	U O R C E	S A M P L E		M E A S U R E D	T A L L I E D	QUAD	M E A N D B H	T O T A L H G T		%	%	B D F T	C U F T	RATIO	RATIO	EST.	***** STRATA LEVEL *****			
																		***** VOLUME *****				
																		*** GROSS ***	**** NET ****			
																		BDFT	CUFT	BDFT	CUFT	CORDS
01	01	P	01	DF	N	50	100	13.9	13.5	94.9		5	5	5.413	5.396	6466	1025293	189405	967530	179294	0.0	
01	20	S	01	DF	N												102254	24690	98276	24144	0.0	
01	01	P	01	MS	N	2	2	13.5	12.7	79.1		15	17	5.138	5.220	138	17043	3317	14354	2750	0.0	
01	20	S	01	MS	N												1378	456	1378	456	0.0	
02	01	P	01	DF	N	25	168	14.1	13.5	92.4		8	7	5.623	5.579	6521	1162162	206671	1066450	191141	0.0	
02	20	S	01	DF	N												98870	25656	96939	25398	0.0	
03	01	P	01	DF	N	28	142	15.1	14.4	82.8		8	8	5.597	5.569	11441	2069471	369751	1889825	339338	0.0	
03	20	S	01	DF	N												147076	41929	145042	41341	0.0	
03	01	P	01	MS	N	5	5	14.0	12.9	65.9		5	5	6.030	6.059	469	96929	16074	91770	15146	0.0	
03	20	S	01	MS	N												5503	1426	5503	1426	0.0	
04	01	P	01	DF	N	33	66	14.2	13.4	86.7		10	10	5.695	5.695	4008	698330	122614	623398	109463	0.0	
04	20	S	01	DF	N												60460	14809	60460	14809	0.0	
05	01	P	01	DF	N	24	262	13.2	12.6	89.7		11	11	5.415	5.416	262	36790	6794	32707	6039	0.0	
05	20	S	01	DF	N												3930	988	3690	948	0.0	
06	01	P	01	DF	N	16	81	13.4	12.9	76.5		13	14	5.402	5.444	14434	1889508	349782	1629968	299406	0.0	
06	20	S	01	DF	N												158777	43215	158777	43215	0.0	
06	01	P	01	MS	N	6	6	12.1	11.6	56.9		4	5	4.800	4.828	1302	91919	19150	87343	18090	0.0	
06	20	S	01	MS	N												14003	3247	14003	3247	0.0	
TOTALS -----																		***** VOLUME *****				
																		*** GROSS ***	***** NET *****			
																		BDFT	CUFT	BDFT	CUFT	CORDS

P R O D		# OF TREES		M E A N		M E A N		AVG DEFT		GROSS NET		***** STRATA LEVEL *****			
S	R	S	U	A	T	E	A	%	%	BDFT	BDFT	EST.	***** VOLUME *****		
T	O	O	M	S	L	QUAD	N								
R	D	U	O	U	L			B	C	CUFT	CUFT	# OF			
A	U	R	F	G	S	R	I	MEAN	D	H			*** GROSS ***	*** NET ***	
T	C	C		R	T	E	E		B	G			BDFT	CUFT	CORDS
A	T	E	M	P	M	D	D	DBH	H	T					
01		P		14.1		13.5		83.3		45041		7087445	1283558	6403344	1160668
20		S										592251	156415	584067	154983
				14.1		13.5		83.3		45041		7679697	1439973	6987411	1315650
															0.0

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Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

P R O D				# OF TREES		M E A N			AVG DEFT		GROSS NET		***** STRATA LEVEL *****								
S T R A T A	P R O D U C T	S O U R C E	U O F M	M E A S U R E D	T A L I E D	QUAD	M E A N D B H	T O T H G T	%	%	B D F T	C U F T	EST.	***** VOLUME *****							
						MEAN					CUFT	CUFT	# OF	***	GROSS	***	****	NET	****		
						DBH					RATIO	RATIO	TREES	BDFT			BDFT			CORDS	
0101	0120	P01	01	52	102	13.9	13.5	94.5	5	5	5.408	5.394	6604	1042336	192722	981884	182044	0.0			
														103632	25146	99653	24600	0.0			
0202	0120	P01	01	25	168	14.1	13.5	92.4	8	7	5.623	5.579	6521	1162162	206671	1066450	191141	0.0			
														98870	25656	96939	25398	0.0			
0303	0120	P01	01	33	147	15.1	14.4	82.2	8	8	5.615	5.590	11910	2166400	385825	1981595	354484	0.0			
														152579	43355	150545	42767	0.0			
0404	0120	P01	01	33	66	14.2	13.4	86.7	10	10	5.695	5.695	4008	698330	122614	623398	109463	0.0			
														60460	14809	60460	14809	0.0			
0505	0120	P01	01	24	262	13.2	12.6	89.7	11	11	5.415	5.416	262	36790	6794	32707	6039	0.0			
														3930	988	3690	948	0.0			
0606	0120	P01	01	22	87	13.3	12.8	74.8	13	13	5.371	5.409	15736	1981427	368932	1717311	317496	0.0			
														172780	46462	172780	46462	0.0			
TOTALS -----															***** VOLUME *****			***** NET *****			
PRODUCT		PRODUCT		QUAD	MEAN	MEAN	MEAN		GROSS		NET		EST.	*****		GROSS	*****	*****	NET	*****	CORDS
				DBH	DBH	DBH	TOT	HGT	BF/CF		BF/CF		# OF			BDFT	CUFT	BDFT	CUFT		
0120		P01		14.1	13.5	83.3			5.5217		5.5169		45041			7087445	1283558	6403344	1160668	0.0	
																592251	156415	584067	154983	0.0	
				14.1	13.5	83.3			5.3332		5.3110		45041			7679697	1439973	6987411	1315650	0.0	

P R O D				# OF TREES		M E A N		M E A N		AVG DEFT		GROSS NET		***** STRATA LEVEL *****				
S R S U				E T		E T		E T		% %		BDFT BDFT		***** VOLUME *****				
T O O				S L		QUAD N		QUAD N		B C		CUFT CUFT		*****				
R D U O				U L		MEAN D		MEAN D		D U		# OF		*****				
A U R F				R I		H		H		D U		CUFT CUFT		*** GROSS ***				
T C C				E E		B G		B G		F F		T T		**** NET ****				
A T E M				D D		DBH H		DBH H		T T		RATIO RATIO		BDFT CUFT BDFT CUFT CORDS				

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Number of measured trees, Quad mean DBH, Mean DBH, Mean height(s), Average defect, any Ratio, Estimated number of trees.

WT1: WEIGHT BY SPECIES ACROSS STRATA
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 121

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CRUISE SPECIES	CONTRACT SPECIES	PRODUCT	LIVE DEAD	GROSS CUFT	(1) WEIGHT FACTOR	(2) POUNDS STANDING	(3) PERCENT REMOVED	(4) POUNDS REMOVED	(5) TONS REMOVED
DF		01 P	L	1245017	63.00	78436071	95.00	74514267	37257.13
DF		20 S	L	151287	63.00	9531081	95.00	9054527	4527.26
PP		01 P	L	30132	68.00	2048908	95.00	1946463	973.23
PP		20 S	L	4720	68.00	320892	95.00	304847	152.42
WF		01 P	L	8410	69.00	580290	95.00	551276	275.64
WF		20 S	L	410	69.00	28221	95.00	26810	13.40
		SUMMARY							
		CONTRACT SPECIES	PRODUCT	TONS REMOVED					
			01 P	38506.00					
			20 S	4693.09					
TOTAL TONS REMOVED				43199.09					

- (1) WEIGHT FACTOR = POUNDS PER GROSS CUFT
 (2) POUNDS STANDING = GROSS CUFT x WEIGHT FACTOR
 (3) PERCENT REMOVED = % MATERIAL HAULED OUT ON TRUCKS
 (4) POUNDS REMOVED = POUNDS STANDING x (PERCENT REMOVED/100)
 (5) TONS REMOVED = POUNDS REMOVED / 2,000

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 122

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
01	1.9	DF	70.61	0.00	13.69
SUBTOTAL			70.61	0.00	13.69
02	11.1	DF	739.30	0.00	128.50
		PP	13.97	0.00	2.26
SUBTOTAL			753.27	0.00	130.75
03	16.1	DF	1072.31	0.00	186.38
		PP	20.27	0.00	3.28
SUBTOTAL			1092.58	0.00	189.65
04	13.8	DF	665.66	0.00	109.65
		PP	39.34	0.00	7.85
SUBTOTAL			704.99	0.00	117.50
05	7.8	DF	376.24	0.00	61.98
		PP	22.23	0.00	4.43
SUBTOTAL			398.47	0.00	66.41
06	10.2	DF	492.01	0.00	81.05
		PP	29.07	0.00	5.80
SUBTOTAL			521.08	0.00	86.85
07	5.8	DF	386.30	0.00	67.14
		PP	7.30	0.00	1.18
SUBTOTAL			393.60	0.00	68.32
08	11.1	DF	739.30	0.00	128.50
		PP	13.97	0.00	2.26
SUBTOTAL			753.27	0.00	130.75

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 123

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
09	8.5	DF PP	566.13 10.70	0.00 0.00	98.40 1.73
SUBTOTAL			576.83	0.00	100.13
10	8.6	DF PP	572.79 10.83	0.00 0.00	99.56 1.75
SUBTOTAL			583.62	0.00	101.31
11	19.5	DF PP	940.60 55.58	0.00 0.00	154.95 11.09
SUBTOTAL			996.19	0.00	166.03
12	3.6	DF PP	239.77 4.53	0.00 0.00	41.67 0.73
SUBTOTAL			244.30	0.00	42.41
13	7.2	DF PP	479.54 9.06	0.00 0.00	83.35 1.46
SUBTOTAL			488.61	0.00	84.81
14	6.6	DF PP	439.58 8.31	0.00 0.00	76.40 1.34
SUBTOTAL			447.89	0.00	77.75
15	0.9	DF	48.11	0.00	9.33
SUBTOTAL			48.11	0.00	9.33
16	3.1	DF PP	206.47 3.90	0.00 0.00	35.89 0.63
SUBTOTAL			210.37	0.00	36.52

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 124

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
17	3.4	DF	226.45	0.00	39.36
		PP	4.28	0.00	0.69
SUBTOTAL			230.73	0.00	40.05
18	19.7	DF	950.25	0.00	156.53
		PP	56.15	0.00	11.20
SUBTOTAL			1006.40	0.00	167.74
19	4.6	DF	405.56	0.00	61.32
		PP	9.07	0.00	1.42
		WF	10.10	0.00	0.61
SUBTOTAL			424.74	0.00	63.35
20	3.1	DF	136.55	0.00	21.99
SUBTOTAL			136.55	0.00	21.99
20a	1.4	DF	67.53	0.00	11.12
		PP	3.99	0.00	0.80
SUBTOTAL			71.52	0.00	11.92
21	33.8	DF	2980.00	0.00	450.57
		PP	66.67	0.00	10.40
		WF	74.23	0.00	4.50
SUBTOTAL			3120.91	0.00	465.48
22	6.8	DF	299.53	0.00	48.23
SUBTOTAL			299.53	0.00	48.23
23	19.1	DF	2233.01	0.00	369.60
SUBTOTAL			2233.01	0.00	369.60

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 125

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
24	5.5	DF	242.26	0.00	39.01
SUBTOTAL			242.26	0.00	39.01
25	0.6	DF	28.94	0.00	4.77
		PP	1.71	0.00	0.34
SUBTOTAL			30.65	0.00	5.11
26	3.1	DF	149.53	0.00	24.63
		PP	8.84	0.00	1.76
SUBTOTAL			158.37	0.00	26.39
27	1	DF	44.05	0.00	7.09
SUBTOTAL			44.05	0.00	7.09
28	28.1	DF	2477.46	0.00	374.59
		PP	55.43	0.00	8.65
		WF	61.71	0.00	3.74
SUBTOTAL			2594.60	0.00	386.98
29	22.3	DF	1075.66	0.00	177.19
		PP	63.57	0.00	12.68
SUBTOTAL			1139.23	0.00	189.87
30	5.7	DF	274.95	0.00	45.29
		PP	16.25	0.00	3.24
SUBTOTAL			291.19	0.00	48.53
31	5.7	DF	274.95	0.00	45.29
		PP	16.25	0.00	3.24
SUBTOTAL			291.19	0.00	48.53

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 126

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
33	14.6	DF	1287.22	0.00	194.63
		PP	28.80	0.00	4.49
		WF	32.07	0.00	1.94
SUBTOTAL			1348.08	0.00	201.06
37	40.9	DF	1972.86	0.00	324.99
		PP	116.58	0.00	23.25
SUBTOTAL			2089.44	0.00	348.24
39	1.8	DF	84.58	0.00	16.40
SUBTOTAL			84.58	0.00	16.40
40	2.7	DF	118.93	0.00	19.15
SUBTOTAL			118.93	0.00	19.15
41	1.4	DF	67.53	0.00	11.12
		PP	3.99	0.00	0.80
SUBTOTAL			71.52	0.00	11.92
42	1.4	DF	61.67	0.00	9.93
SUBTOTAL			61.67	0.00	9.93
43	6.1	DF	294.24	0.00	48.47
		PP	17.39	0.00	3.47
SUBTOTAL			311.63	0.00	51.94
44	3.9	DF	171.79	0.00	27.66
SUBTOTAL			171.79	0.00	27.66
45	7.1	DF	312.74	0.00	50.36
SUBTOTAL			312.74	0.00	50.36

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 127

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
46	16.3	DF	1905.66	0.00	315.42
SUBTOTAL			1905.66	0.00	315.42
47	11.7	DF	564.36	0.00	92.97
		PP	33.35	0.00	6.65
SUBTOTAL			597.71	0.00	99.62
48	31.3	DF	1378.71	0.00	222.02
SUBTOTAL			1378.71	0.00	222.02
51	12.6	DF	607.77	0.00	100.12
		PP	35.92	0.00	7.16
SUBTOTAL			643.69	0.00	107.28
53	17.4	DF	1534.08	0.00	231.95
		PP	34.32	0.00	5.36
		WF	38.21	0.00	2.32
SUBTOTAL			1606.62	0.00	239.62
54	17.4	DF	1534.08	0.00	231.95
		PP	34.32	0.00	5.36
		WF	38.21	0.00	2.32
SUBTOTAL			1606.62	0.00	239.62
60	4.5	DF	217.06	0.00	35.76
		PP	12.83	0.00	2.56
SUBTOTAL			229.89	0.00	38.32
61	4.9	DF	572.87	0.00	94.82
SUBTOTAL			572.87	0.00	94.82

WT4: WEIGHT BY SPECIES AND PRODUCT BY UNIT
 BY CUTTING UNIT FOR THE SALE
 FOR CUT TREES ONLY
 CRUISE#: 54194 SALE#: 54194
 SALENAME: Rattail Cruise
 RUN DATE & TIME: 11/21/2024 11:54:23 AM

PAGE 128

VERSION: 09.18.2024
 VOLUME LIBRARY VERSION: 06.26.2024

CUTTING UNIT	ACRES	SPECIES	SAWTIMBER PRIM PROD = 01 GREEN TONS	NON-SAWTIMBER OTHER PRIM PROD GREEN TONS	NON-SAWTIMBER SECOND PROD ONLY GREEN TONS
62	23.4	DF	1128.72	0.00	185.93
		PP	66.70	0.00	13.30
SUBTOTAL			1195.42	0.00	199.24
62a	6.6	DF	318.36	0.00	52.44
		PP	18.81	0.00	3.75
SUBTOTAL			337.17	0.00	56.20
65	5.3	DF	467.28	0.00	70.65
		PP	10.45	0.00	1.63
		WF	11.64	0.00	0.71
SUBTOTAL			489.37	0.00	72.99
66	12.6	DF	1473.09	0.00	243.82
SUBTOTAL			1473.09	0.00	243.82
68	17.8	DF	784.06	0.00	126.26
SUBTOTAL			784.06	0.00	126.26
69	2.7	DF	118.93	0.00	19.15
SUBTOTAL			118.93	0.00	19.15
71	4.3	DF	379.11	0.00	57.32
		PP	8.48	0.00	1.32
		WF	9.44	0.00	0.57
SUBTOTAL			397.04	0.00	59.22
GRAND TOTAL			38505.99	0.00	6232.39

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

STRATUM: 01		GREEN TONS						
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		5667.9	985.1	2.9	1118.4	504.2	8594.7	8278.6
PP		107.1	17.3	0.1	21.1	9.4	160.6	155.0
ALL SPECIES		5775.1	1002.5	3.0	1139.5	513.6	8755.2	8433.7

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

STRATUM: 02		GREEN TONS						
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		6184.6	1023.7	2.7	1202.1	540.6	9284.5	8953.8
ALL SPECIES		6184.6	1023.7	2.7	1202.1	540.6	9284.5	8953.8

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

STRATUM: 03		GREEN TONS						
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		11064.8	1673.0	4.6	2107.9	946.1	16362.6	15796.4
PP		247.6	38.6	0.2	47.5	21.0	366.5	354.9
WF		275.6	16.7	0.0	47.1	21.3	373.8	360.8
ALL SPECIES		11588.0	1728.3	4.8	2202.5	988.4	17103.0	16512.1

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

STRATUM: 04		GREEN TONS						
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		3669.2	590.9	1.6	708.9	318.3	5480.9	5288.8
ALL SPECIES		3669.2	590.9	1.6	708.9	318.3	5480.9	5288.8

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

STRATUM: 05		GREEN TONS						
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		203.3	39.4	0.1	40.9	18.5	313.8	302.2
ALL SPECIES		203.3	39.4	0.1	40.9	18.5	313.8	302.2

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

VERSION: 09.18.2024
VOLUME LIBRARY VERSION: 06.26.2024

STRATUM: 06		GREEN TONS						
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		10467.2	1724.3	5.0	2046.1	921.7	15737.7	15164.4
PP		618.6	123.4	0.6	127.5	56.9	961.5	926.9
ALL SPECIES		11085.8	1847.6	5.6	2173.7	978.6	16699.2	16091.3

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

WT5: BIOMASS SALE SUMMARY
FOR CUT TREES ONLY
CRUISE#: 54194 SALE#: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 11:54:23 AM

STRATUM: OVERALL SALE SUMMARY			GREEN TONS					
SPECIES		PRIMARY PRODUCT	SECONDARY PRODUCT	-----BIOMASS COMPONENTS-----			-----STEM WGT-----	
				TIP	BRANCHES	FOLIAGE	MERCH*	TOTAL**
DF		37257.1	6036.3	17.0	7224.4	3249.4	55774.2	53784.2
PP		973.2	179.3	0.8	196.1	87.3	1488.6	1436.9
WF		275.6	16.7	0.0	47.1	21.3	373.8	360.8
ALL SPECIES		38506.0	6232.4	17.9	7467.6	3358.1	57636.7	55581.9

* WHOLE TREE (ABOVE GROUND) BIOMASS AS CALCULATED USING THE TOT TREE EQN SPECIFIED IN DEFAULTS (REGIONAL).
** TOTAL IS THE ADDITION OF PRIMARY PRODUCT, SECONDARY PRODUCT, TIP, BRANCHES AND FOLIAGE.

IDENTIFIER		WARNING MESSAGE											
01	---	DF	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
01	---	MS	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
02	---	DF	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
02	---	MS	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
03	---	DF	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
03	---	MS	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
04	---	DF	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
04	---	MS	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
05	---	DF	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
05	---	MS	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
06	---	DF	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED
06	---	MS	01	SECONDARY	PRODUCT	WAS	BLANK	IN	SAMPLE	GROUPS	--	DEFAULT	VALUE USED

Not all fields are used as identifier information.
In general, the following order is used.
Stratum number
Cutting unit number
Plot number
Tree number
Log number
Species code
Sample group
Primary product
Equation number

LOCAL VOLUME TABLE REPORT - NetCUFT Primary
CRUISE #: 54194 SALE #: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 12:00:48 PM

Species	DF/WF	PP
Product	01	01
L/D	L	L
DBH		
8	5.52	2.49
9	7.76	3.76
10	10.47	5.45
11	13.65	7.63
12	17.30	10.36
13	21.42	13.73
14	26.01	17.82
15	31.07	22.71
16	36.61	28.50
17	42.61	35.27
18	49.09	43.13
19	56.03	52.17
20	63.45	62.48
21	71.33	74.18
22	79.69	87.37
23	88.52	102.17
24	97.81	118.67
25	107.58	136.99
26	117.82	157.26
27	128.53	----
28	139.71	----
29	151.36	----
30	163.48	----
31	176.07	----
32	189.14	----
33	202.67	----
34	216.67	----
35	231.15	----

LOCAL VOLUME TABLE REPORT - NetCUFT Primary - Regression Results
CRUISE #: 54194 SALE #: 54194
SALENAME: Rattail Cruise
RUN DATE & TIME: 11/21/2024 12:00:48 PM

Species	DF/WF	Product	01	Live/Dead	L	
Model		Number	RSquare	MS Error	Min	Max
Quadratic		178	0.9031	134.6460	8.0	34.8
						Equation
						$4.553748 + -1.761478 * DBH + 0.235303 * DBH * DBH$

Species	PP	Product	01	Live/Dead	L	
Model		Number	RSquare	MS Error	Min	Max
Power		11	0.9530	80.7657	8.0	26.0
						Equation
						$0.001654 * (DBH^{3.518128})$

CRUISE OF RECORD 11/21/2024