Trout Creek ~ 500 yrs

Information for Researchers

Transects 170 m long x 17 m wide

Transect 2 is the focus transect with rigged trees

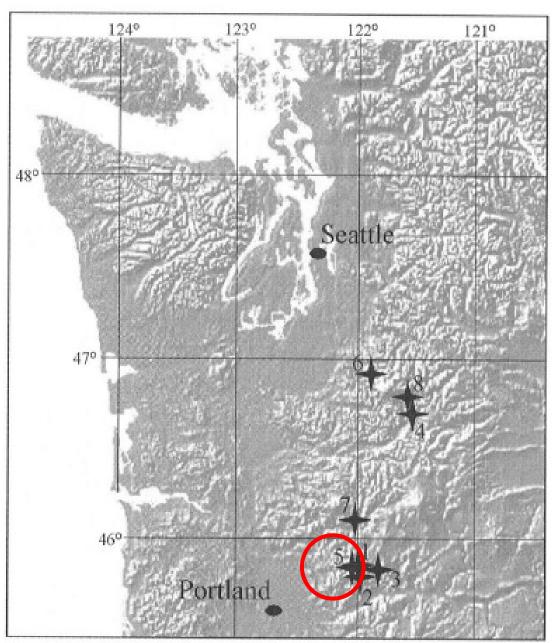
High clearance vehicle recommended. Forest Service combination required for gate lock to access sites. Ask Canopy

Lab Members or the Wind River Canopy Crane Staff for the combination.

**Stem 200 is Rigged – but do NOT CLIMB – sounded hollow when taggd and lots of sapsucker holes in it



Trout Creek – Site #5 (Van Pelt & Nadkarni 2004)



 For information on permitting for this site contact Sarah Greene at the Forest Service. sgreene@fs.fed.us

Trout Creek General Information

- Lodging Forest Service bunkhouses, or camping, or motels in Carson, WA.
- Nearest store is in Carson, WA (~ 8 miles south of Stabler on Wind River Road)
- Nearest hospital:
 - Mount Hood Memorial Hospital (http://www.providence.org/HoodRiver/default.htm), 811
 13th St, Hood River, OR 97031, US Phone: 1-800-955-3911.

Local Lodging

 Lodging for the Wind River sites is available in the Forest Service 'bunk' houses. Cost is 3.76 per person per night.

Contact Annie Hamilton:

- annieh@u.washington.edu, 509-427-7028, to make reservations, ask questions about the lodging, etc.
- If the lodging is booked, then there are campgrounds and hotels nearby.

Campgrounds

Panther Creek Campground (USDA FS)

Wind River Ranger District

(http://www.fs.fed.us/gpnf/recreation/campgrounds/sites/panther-

creek.shtml)

From Highway 14 take Wind River Road north through Carson 6 miles to Forest Road 65. Forest Road 65 4 miles to campground.

Beaver Campground (USDA FS)

Wind River Ranger District (509) 427-3200

Reservation Phone: 8002802267









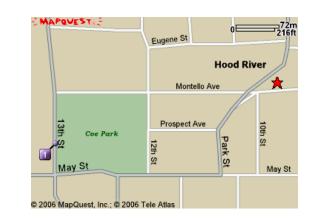
From SR 14, drive N from Carson for 13 mi along the Wind River Hwy. *Features:* Shady river setting with large grassy field for day use

Closest Hospital

•Hood River Memorial (OR) Hospital is closest (~ 25 miles). There is another about the same distance on the Washington side in White Salmon Wa but it is not recommended!

End at Hood River Memorial Hospital

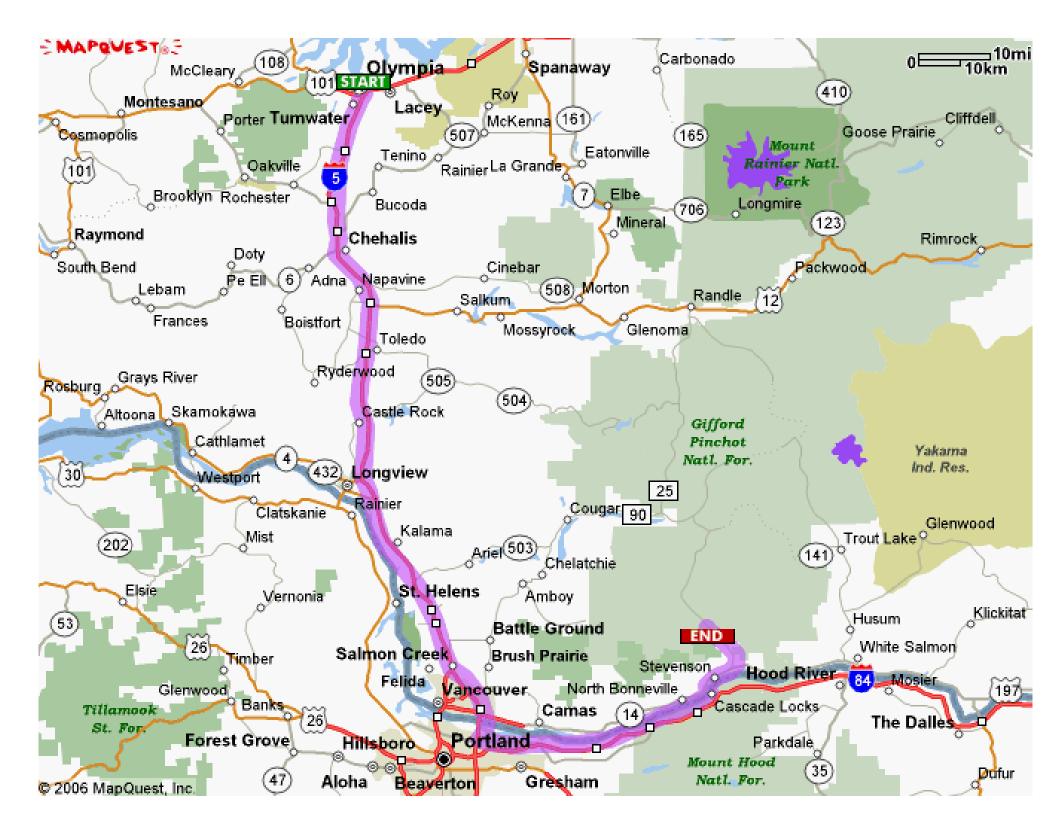
811 13th St, Hood River, OR 97031, US



Turn LEFT onto WA-14.	17.1 miles
Turn RIGHT onto HOOD RIVER BRIDGE (Portions toll).	1.0 miles
Merge onto I-84 W toward HOOD RIVER / PORTLAND.	0.3 miles
Take EXIT 63 toward HOOD RIVER / CITY CENTER.	0.1 miles
Turn LEFT onto 2ND ST.	0.1 miles
Turn RIGHT onto OAK ST / US-30 / OR-35.	0.6 miles
Turn LEFT onto 13TH ST.	0.2 miles

Driving Directions

From Hwy 101, merge onto I-5 S toward PORTLAND	97 miles
Merge onto I-205 S via EXIT 7 toward WA-14 / SALEM / I-84.	14.7 miles
Merge onto I-84 E / US-30 E via EXIT 22 toward THE DALLES	34.6 miles
Take the US-30 exit- EXIT 44- toward CASCADE LOCKS / STEVENSON	0.3 miles
Stay STRAIGHT to go onto WA-NA-PA ST / US-30.	0.1 miles
Turn LEFT onto BRIDGE OF THE GODS (1.00 toll to cross this bridge)	0.3 miles
Turn RIGHT onto WA-14 / EVERGREEN HWY. Continue to follow WA-14. You will go through Stevenson.	5.9 miles
Turn SLIGHT LEFT onto WIND RIVER RD and continue on the main road (Wind River HWY) to Stabler. You will pass through Carson. The sign to turn onto Wind River Road will mention that you are heading into the Wind River Recreation Area.	8.5 miles
In Stabler turn left onto Hemlock Road. Cross over the Wind River and continue to the Wind River Work Center.	1.2 miles
Turn right just past the Wind River Work Center onto Road #43 (the road that goes to the Wind River Canopy Crane) – continue straight on this road (i.e. do not turn off or follow anymore of the Canopy Crane signs) until you reach a road on the right (north) side of the road - Road # 4303. There is a GATE that you will need to get the combination for from us.	3.2 miles
Turn right onto Road 4303 and follow to the first road on your left – Road #412.	0.35 miles
Turn left onto 412 road and follow to the far end of the clearcut that abuts a patch of old-growth on your left (south) side of the road. There is an old pull-out on the north side of the road that is filling in with young PSME's. Park here to access T3 and T4 which are up an old trail that heads north from the pullout.	0.5 miles
Note: High clearance recommended for the stretch on 43 as there are numerous waterbars, Forest Service combination required to access gated Road 4303.	

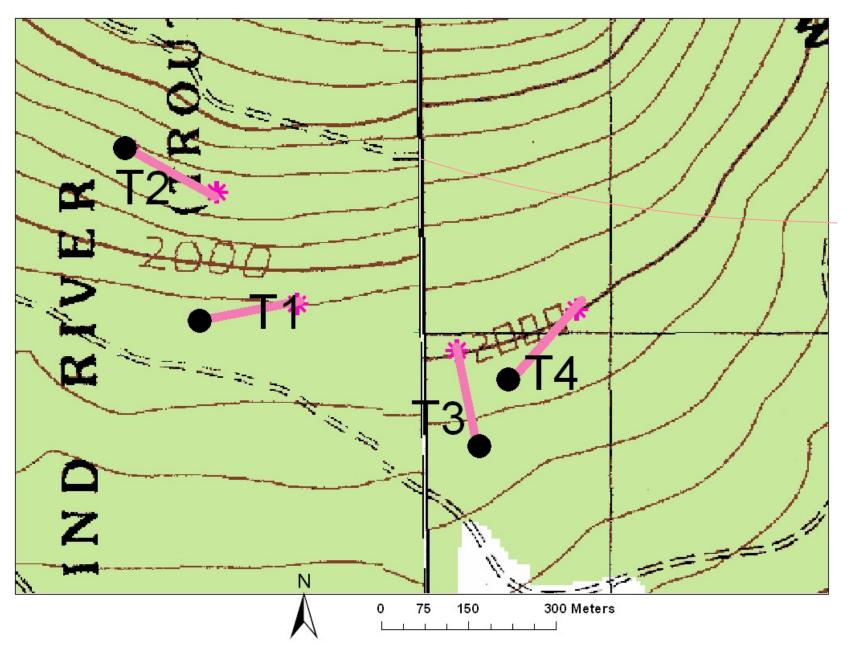


Transect Locations

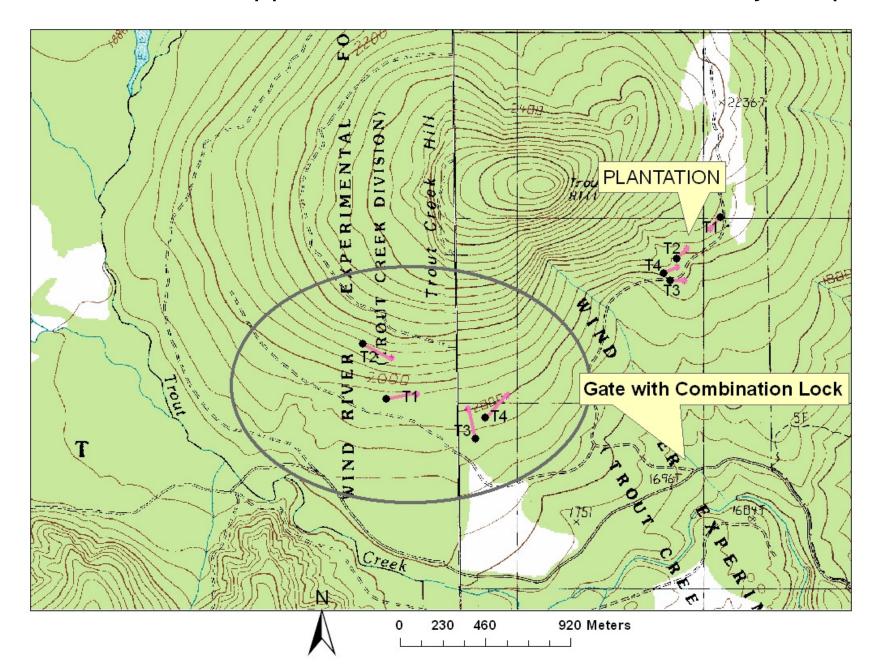
T1	T1 is located north of the road, and is accessed by parking near the west end of the boundary of the old-growth patch on the south-side of the road (or just walk up from where you parked the car for T3 & T4). There is a silver rectangular tag on a ~ 30 cm dbh ABAM that is adjacent to the road. Travel ~ 100 m due North from this tree to the start of T1.
T2	This is the focus transect with rigged trees. This is the only transect that is accessed from road 413, rather than 412. Drive back out to road 4303 and turn left and continue up to your next road on the left (~0.5 miles), which is road 413 and turn left. Follow this road ~ 0.9 miles to the entrance to T2 on the south side of the road. There is a silver rectangular tag on a ~ 25 cm dbh ABAM that has a basal scar on it. From this tree travel ~ 130 m at a bearing of 225 degrees to the start of T2.
	(?Alternatively – by staying on the south road, from the west side of T1 travel ~ 220 m North to the east side of T2.)
T3	This transect is located north of the road, at the west-end of the clearcut that is on the south-side of the road. There is an overgrown pullout on the north side of the road with an old path that should lead you north to T3 (&T4). There is a silver rectangular tag on a big PSME that is adjacent to the road. From this tree travel ~ 120 m directly North to the start of T3.
T4	This transect is located north of the road, at the west-end of the clearcut that is on the south-side of the road. There is an overgrown pullout on the north side of the road with an old path that should lead you north to T3 (&T4). There is a silver rectangular tag on a big PSME that is adjacent to the road. From this tree travel ~120 m directly North to the start of T3. From the start of T3 now travel ~ 135 m at a bearing of 18 degrees to the start of T4.
	Note: Paths to all transects should be flagged red, Transects are 170m long x 17 m wide. Transect 2 is the rigged transect. Combination needed to access these roads. High clearance vehicle recommended.

Trout Creek - Black dot indicates start of

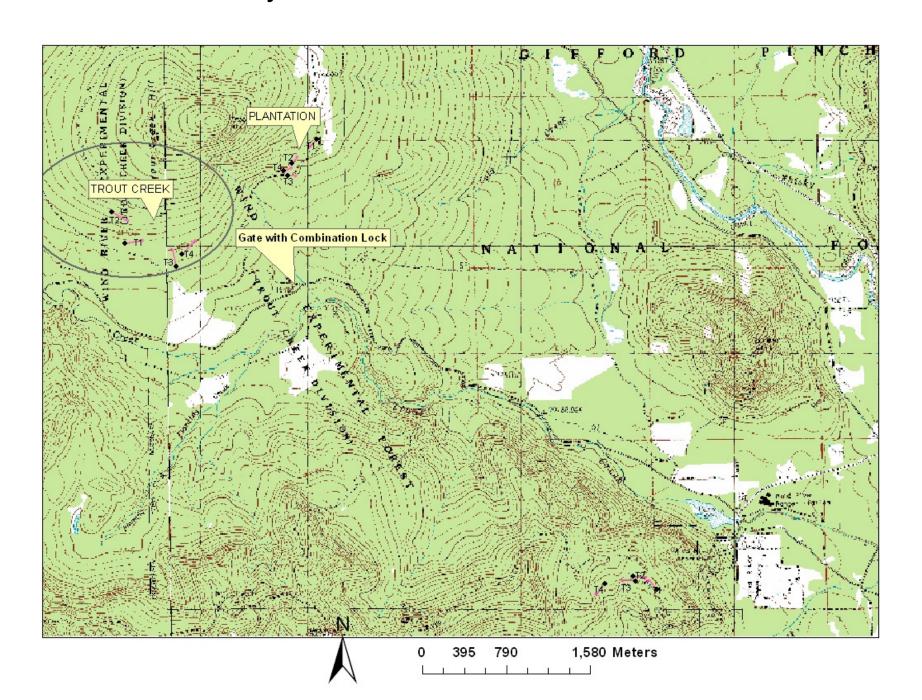
transectNote roads on maps aren't accurate - the upper road and the road on the east join up



Trout Creek — Note roads on maps aren't accurate – the upper road and the road on the east join up



Trout Creek — Note roads on maps aren't accurate – they don't end as shown, but continue instead





Rain Bucket location

Table 1. Summary of site characteristics. The Carbon River stand is on an alluvial flat, and the Cedar Flats stand is on swampy ground, thus reducing a need for summer precipitation at both sites. Precipitation data does not include condensation from fog, which can add 10–30% at all of these sites.

	E1		el' Clana			Precipitation (cm)		Temp (°C)	
Site		Elevation (m)	Age	Slope (% aspect)		Ann.	July-Sep.	Snowfall	(annual Ave.)
PL	Plantation	624	50	0-15% SE	TSHE/BENE	253	12	233	0-17.5 (8.0)
MC		582	100	5-20% S	TSHE/BENE/GASH	253	12	233	0.6-17.8 (8.5)
PC	Panther Creek	732	157	0-15% W	TSHE/BENE/GASH	264	13	254	0-17.5 (7.8)
ОН	Ohanepecosh	622	~280	0-10% SW	TSHE/ACTR	197	14	385	2.2-14.2 (7.9)
TC	Trout Creek	613	~500	0-10% S	TSHE/VAAL/GASH	253	12	233	0-17.5 (8.0)
CR	Carbon River	607	~500	0%	TSHE/POMU/OXOR	346	18	137	3.1-11.8 (7.5)
CF	Cedar Flats	411	~650	0%	TSHE/TITR	317	20	77	5.0-14.4 (9.7)
CH	Chinook	841	~950	0%	ABAM/VAAL	210	17	462	-0.6 -13.8 (6.6)

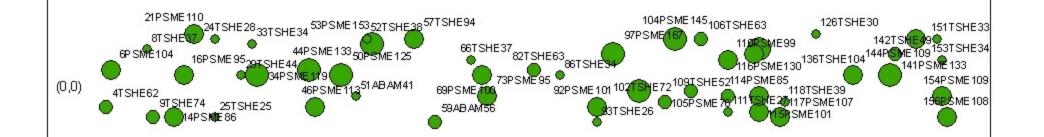
^{*} Based on Topik et al. 1986 and Franklin et al. 1988. TSHE, Tsuga heterophylla; BENE, Berberis nervosa; GASH, Gaultheria shallon; ACTR, Achlys triphylla; VAAL, Vaccinium alaskaense; POMU, Polystichum munitum; OXOR, Oxalis oregana; TITR, Tiarella trifoliata.

Trout Creek UTMs

May be inaccurate – unknown datum

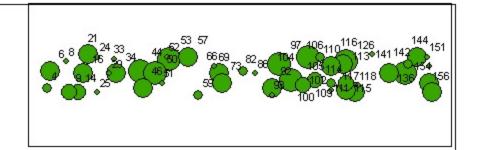
	Stand	Transect	Easting	Northing	Angle	Length
TC	T1		577186	5075229	81	170
			577354	5075256		
TC	Т2		577063	5075524	116	170
			577216	5075449		
TC	Т3		577669	5075011	347	170
			577630	5075176		
TC	T4		577718	5075124	44	170
			577836	5075246		

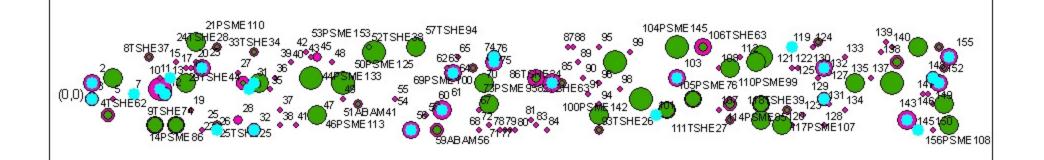
Trout Creek Transect 1 Live tagged trees >= 25cm dbh in green





Trout Creek Transect 1 (all trees)
Live tagged trees >= 25cm dbh in green
Dead trees highlighted in blue





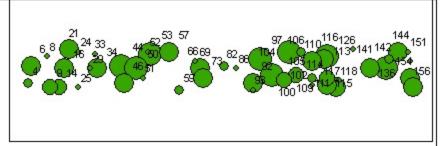
170 m long x 17 m wide angle = 81 degrees

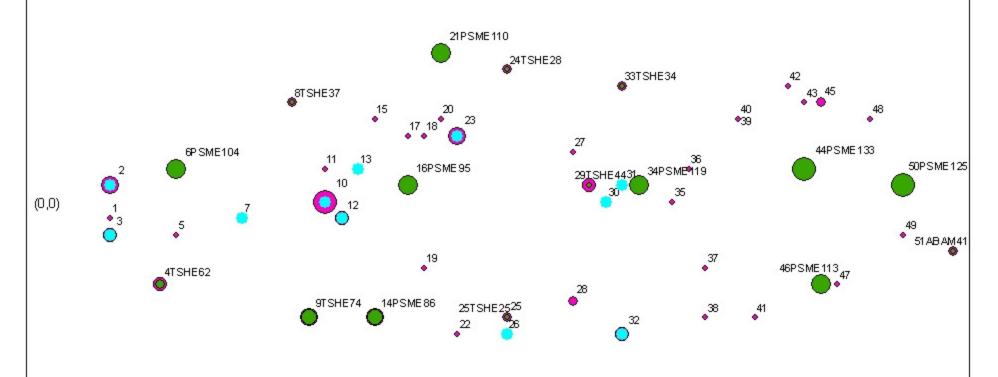


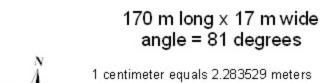
1 centimeter equals 7.217079 meters
0 4.5 9 18 Meters

DBH		DBH	
٠	25 - 44	•	5 - 24
•	45 - 63	•	25 - 44
	64 - 86		45 - 63
	87 - 119		64 - 86
	120 - 167		87 - 119
			120 - 167





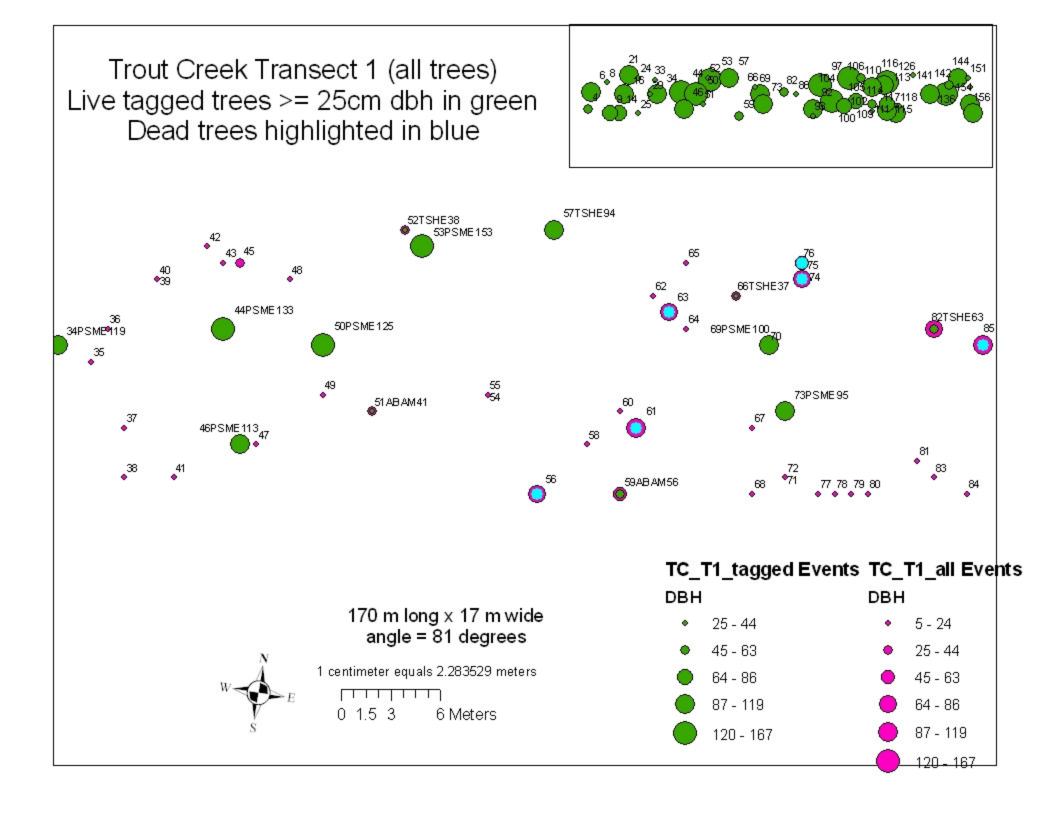




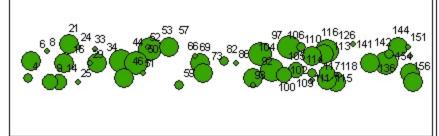


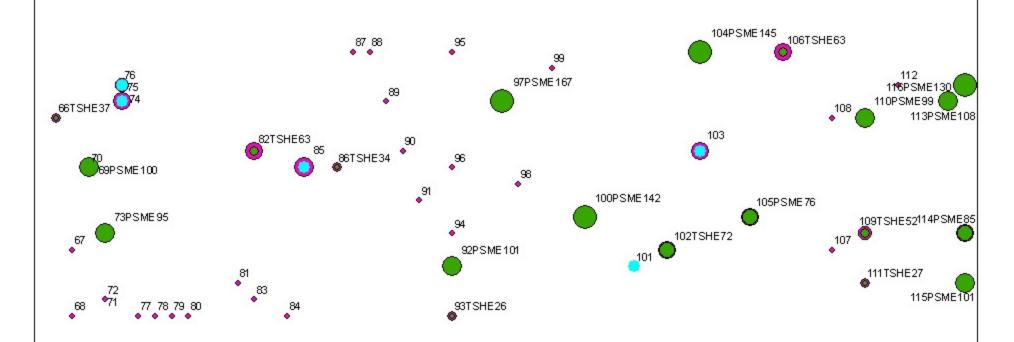
O 1.5 3 6 Meters

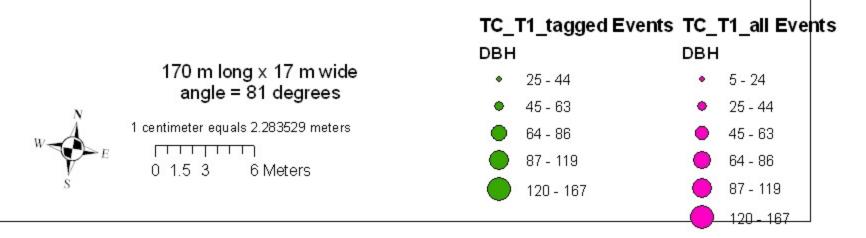
DBH		DBH	_
•	25 - 44	•	5 - 24
•	45 - 63	•	25 - 44
	64 - 86	•	45 - 63
	87 - 119		64 - 86
	120 - 167		87 - 119
99 7			120 - 167

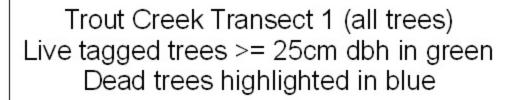


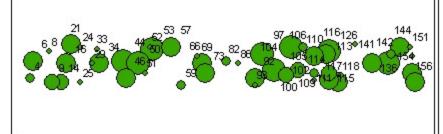




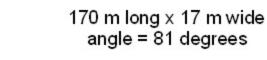










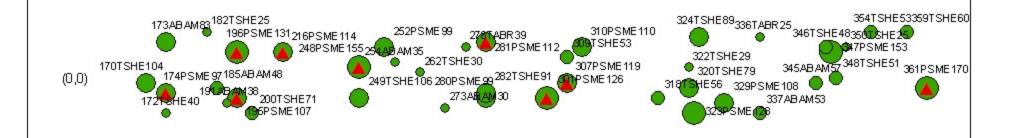




1 centimeter equals 2.283529 meters
0 1.5 3 6 Meters

DBH		DBH	
•	25 - 44	•	5 - 24
•	45 - 63	•	25 - 44
	64 - 86		45 - 63
	87 - 119		64 - 86
	120 - 167		87 - 119
- F		_	120 - 167

Trout Creek Transect 2 Live tagged trees >= 25cm dbh in green Red triangles highlight rigged trees



170 m long x 17 m wide angle = 116 degrees



1 centimeter equals 7.447698 meters
0 5 10 20 Meters

Legend

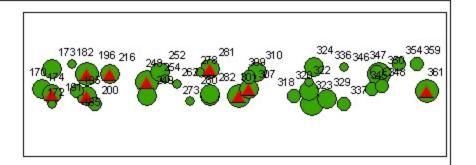
TC_T2_tagged Events

DBH

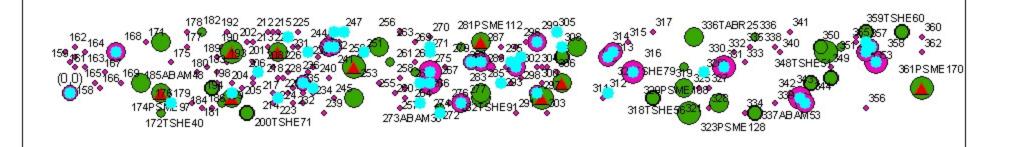
- 25 40
- 41 74
- 75 119
- 120 170

TC_T2_tagged Events selection

Trout Creek Transect 2 (all trees)
Live tagged trees >= 25cm dbh in green
Dead trees highlighted in blue
Red triangles mark the rigged trees



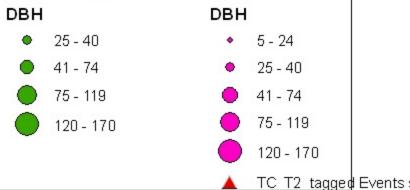
**Stem 200 is Rigged – but do NOT CLIMB – sounded hollow when tagged and lots of sapsucker holes in it



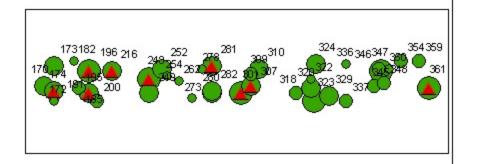
170 m long x 17 m wide angle = 116 degrees

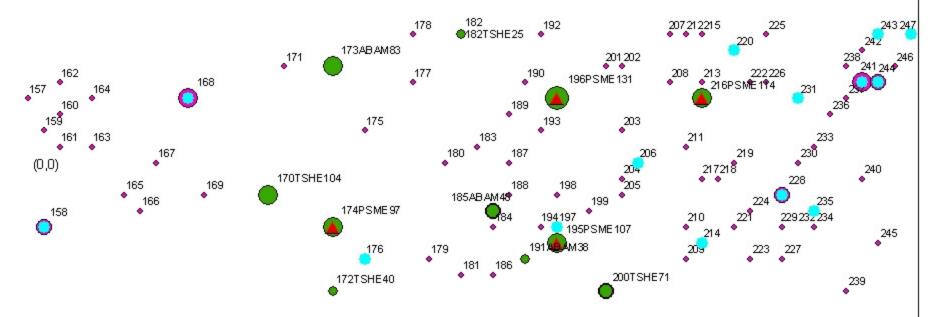


1 centimeter equals 7.447698 meters 0 5 10 20 Meters



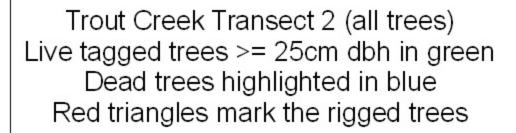
Trout Creek Transect 2 (all trees)
Live tagged trees >= 25cm dbh in green
Dead trees highlighted in blue
Red triangles mark the rigged trees

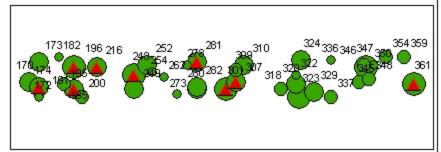


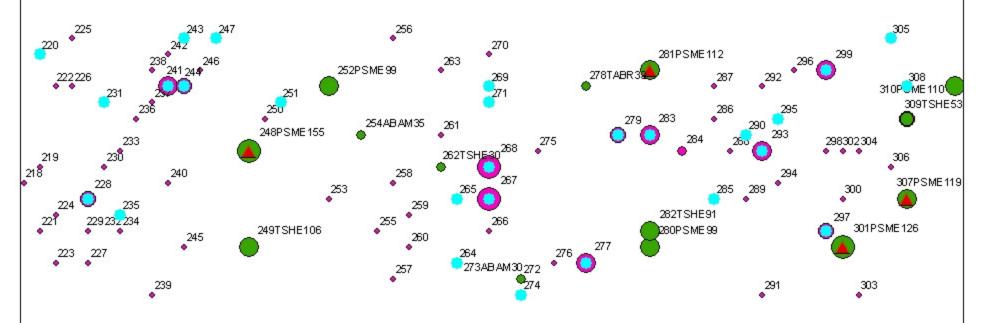


**Stem 200 is Rigged – but do NOT CLIMB – sounded hollow when tagged and lots of sapsucker holes in it TC_T2_tagged Events TC_T2_all Events

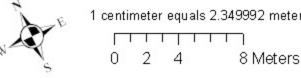


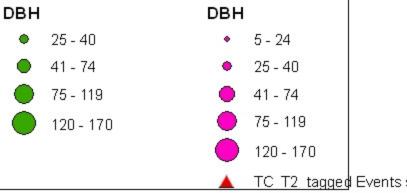


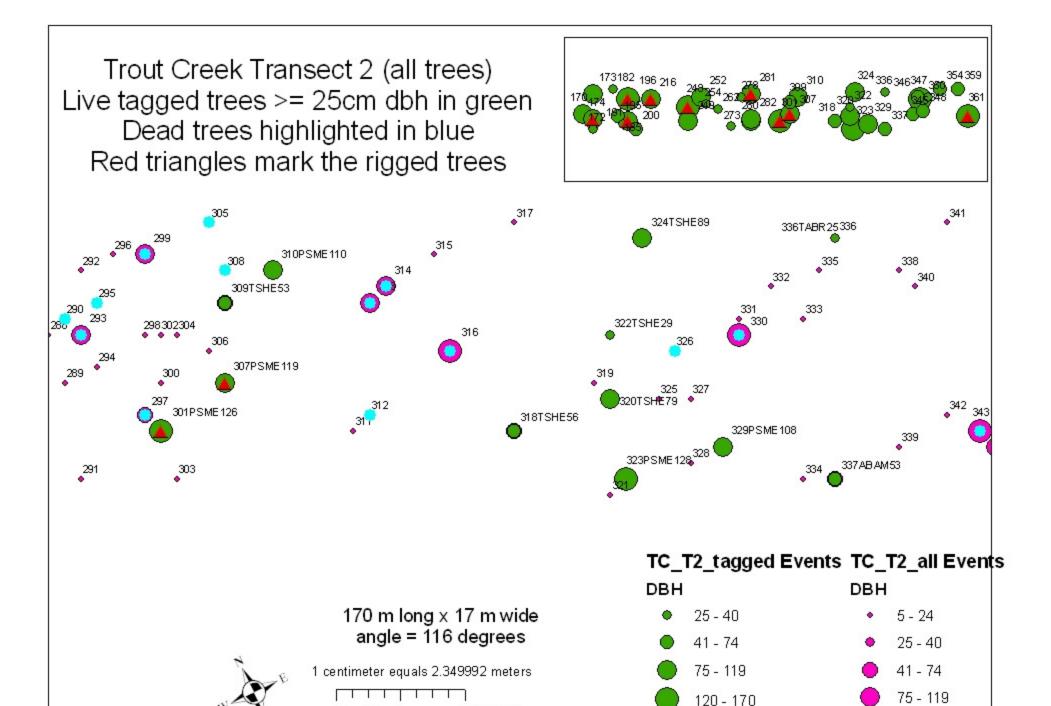








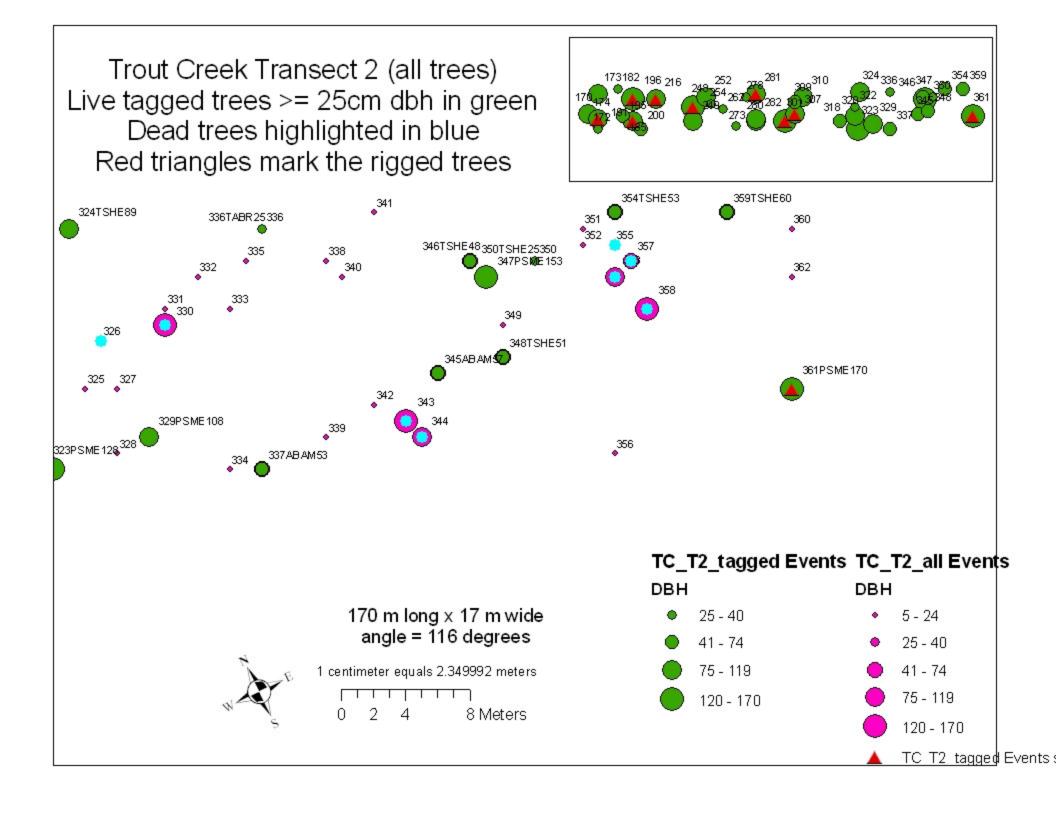




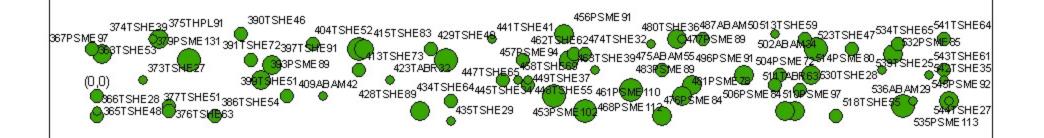
8 Meters

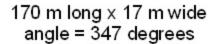
120 - 170

TC T2 tagged Events:

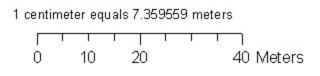


Trout Creek Transect 3 Live tagged trees >= 25cm dbh in green









Legend

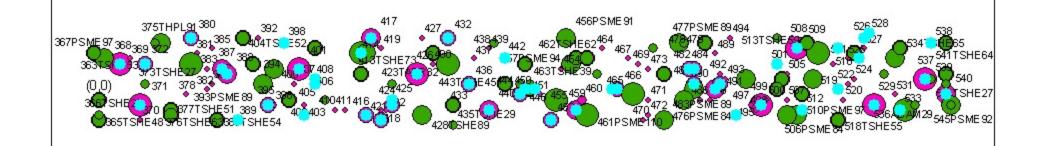
TC_T3_tagged Events

DBH

- 25 43
- 44 74
- 75 97
- 98 131

Trout Creek Transect 3 (all trees)
Live tagged trees >= 25cm dbh in green
Dead trees highlighted in blue





170 m long x 17 m wide angle = 347 degrees



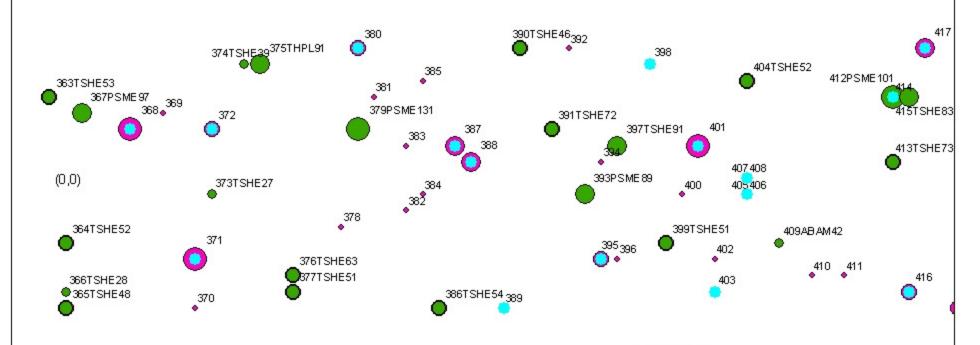
1 centimeter equals 7.349099 meters
0 5 10 20 Meters

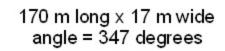
Legend

	20100
DBH	
•	4 - 24
•	25 - 43
	44 - 74
	75 - 97
•	98 - 140
	•

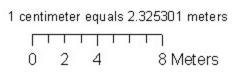






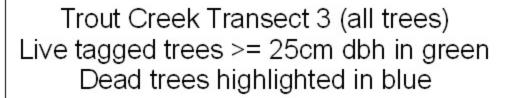




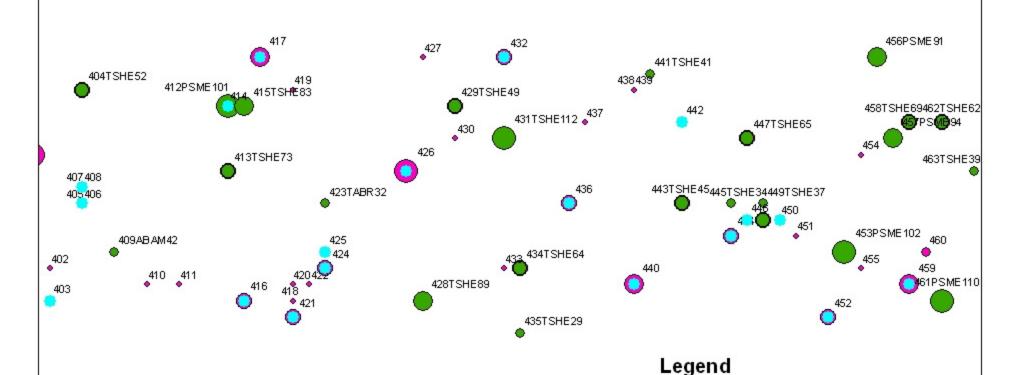


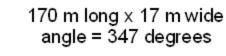
Legend

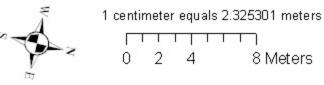
DBH		DBH	
•	25 - 43	•	4 - 24
	44 - 74	•	25 - 43
	75 - 97		44 - 74
	98 - 131		75 - 97
-			98 - 140

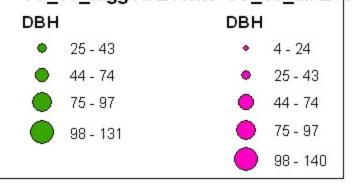


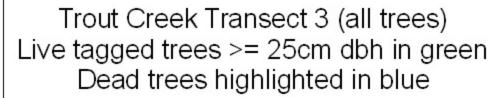




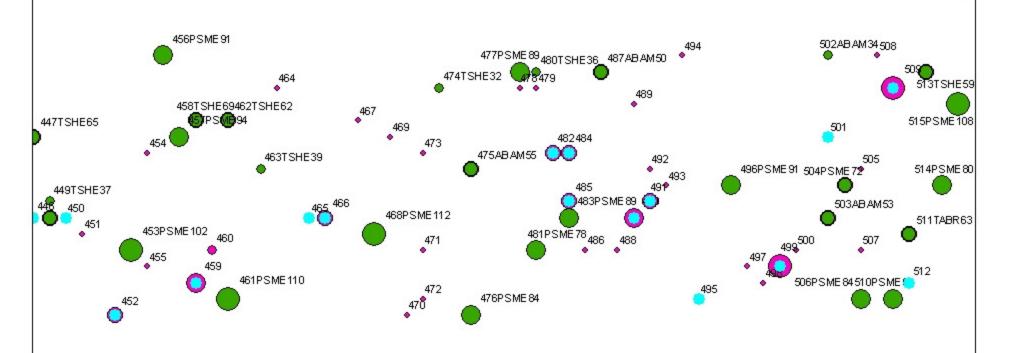


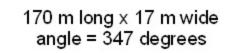




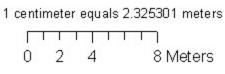






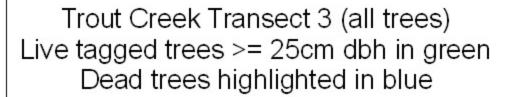




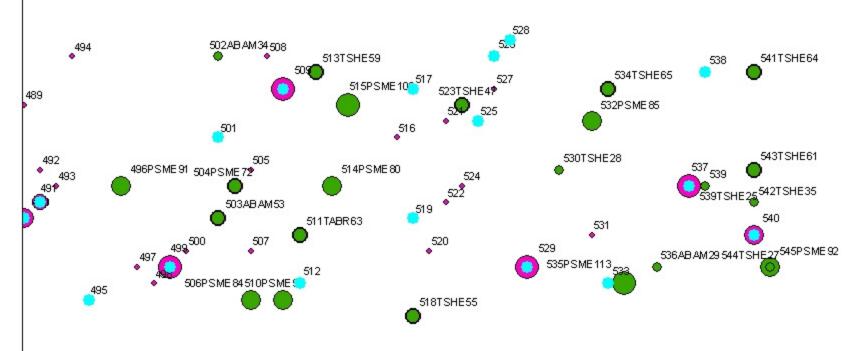


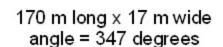
Legend

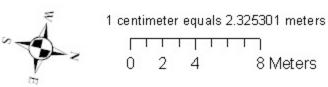
DBH		DBH	
•	25 - 43	•	4 - 24
	44 - 74	•	25 - 43
	75 - 97		44 - 74
	98 - 131		75 - 97
-			98 - 140







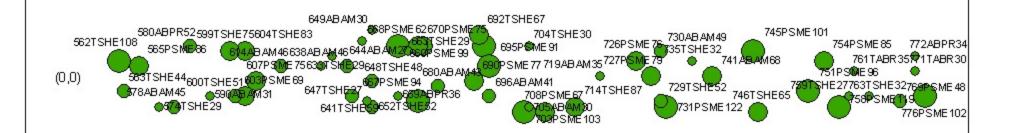


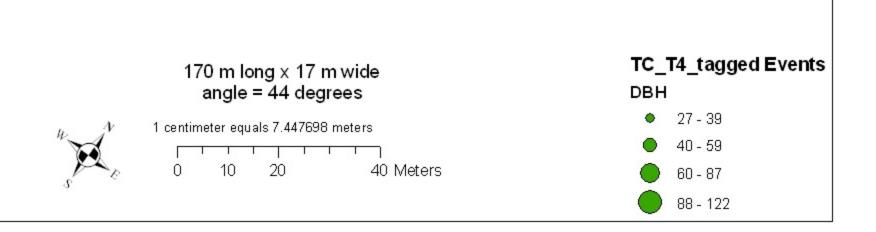


Legend

DBH		DBH	
•	25 - 43	•	4 - 24
	44 - 74	•	25 - 43
	75 - 97		44 - 74
	98 - 131		75 - 97
			98 - 140

Trout Creek Transect 4 Live tagged trees >= 25cm dbh in green





Trout Creek Transect 4 (all trees)
Live tagged trees >= 25cm dbh in green
Dead trees highlighted in blue

