

Date (day, month, year): 8/27/09 Personnel (initials): NA, AD, AM, BAW

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHOK - PISI - Dead - # 1  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: South Fork of Hoh River - plot 1

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** upstream of plot furthest from trailhead

NAD83 UTM: 5292355 N 107043.516 E

Tree height (nearest m): 47 DBH (mid-slope, cm): 84.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

slightly small - but dominant canopy tree in opening  
tree has rot.

=====  
Tree diameter at CORE height (cm): 84.0

Cm from d-tape to wood: North 3.2 South 5.0 East 2.9 West 1.4

**South** core sapwood thickness (cm): unable to determine

Comments on core: rot at the bottom of the core, but  
rot at

**West** core sapwood thickness (cm): unable to determine

Comments on core: Moved to southwest to avoid rot.

Date (day, month, year): 8/27/09 Personnel (initials): BM, MAM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFH2H-DISI-Live # 1  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: upper Brightflat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** upstream of upper Brightflat plot

NAD83 UTM: 5282403 N 10T0431518 E

Tree height (nearest m): 41 DBH (mid-slope, cm): 180.3

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Root collar above ground - DBH taken above c. collar used as base

=====  
Tree diameter at CORE height (cm): 183.7

Cm from d-tape to wood: North 4.2 South 2.6 East 2.4 West 2.5

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 8/27/09 Personnel (initials): AD, NA, AM, BW

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHOF PISI-Dead-#2  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: upper Hoh River plot

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_
- Tree is near the plot. **Describe location** upstream of upper Bigflat Plot

NAD83 UTM: 5292291 N 107043203 E

Tree height (nearest m): 30 DBH (mid-slope, cm): 156.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
rot on south side, but otherwise dominant + intact

=====  
Tree diameter at CORE height (cm): 156.9

Cm from d-tape to wood: North 3.8 South 2.5 East 2.1 West 2.8

**South** core sapwood thickness (cm): ?

Comments on core: shifted core to SE to avoid rot.

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 8/27/09 Personnel (initials): DWS, AM, NA, AD

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHolt - PISI - Live - # 2  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: upper Big flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** upstream of upper big flat

NAD83 UTM: 5292133 N 10T 0431950 E

Tree height (nearest m): 71 DBH (mid-slope, cm): 228.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

DBH based on estimate of where the root collar ends

=====  
Tree diameter at CORE height (cm): 228.9

Cm from d-tape to wood: North 2.4 South 2.1 East 2.6 West 2.3

**South** core sapwood thickness (cm): 5.4

Comments on core:

**West** core sapwood thickness (cm): 2.7

Comments on core:

Date (day, month, year): 7/28/08 Personnel (initials): BW, AM, AD, NA

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHOK-PTSI-Live-#3  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: BIG Flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** ? - above upper Big Flat - north of (rmi)

NAD83 UTM: ~~5290682~~ 5290682 N ~~431872~~ 5292682 E

Tree height (nearest m): 71 DBH (mid-slope, cm): 134.4

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 141.3

Cm from d-tape to wood: North 2.3 South 2.3 East 3.4 West 3.3

**South** core sapwood thickness (cm): 5.8

Comments on core:

**West** core sapwood thickness (cm): 2.3

Comments on core: uncertain

Date (day, month, year): 8/27/08 Personnel (initials): NA, ADM, BW

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFH011-PIST-Dead-#3  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat upper plot

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** ? See UTM -> North of trail

NAD83 UTM: 5292691 N 10T0431849 E

Tree height (nearest m): 77 DBH (mid-slope, cm): 155.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 162.7

Cm from d-tape to wood: North 2.6 South 3.6 East 1.8 West 1.5

**South** core sapwood thickness (cm): ?

Comments on core:

**West** core sapwood thickness (cm): ?

Comments on core:

Date (day, month, year): 8/27/09 Personnel (initials): NA, AD, BW, AM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHO-PTSI-Live-4

(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** ? - North of trail -> See UTM's

NAD83 UTM: 5292613 N 1070431447 E

Tree height (nearest m): 53 DBH (mid-slope, cm): 100.0

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 105.0

Cm from d-tape to wood: North 2.4 South 2.0 East 1.8 West 2.6

**South** core sapwood thickness (cm): 2.9

Comments on core: Beetle holes in the inner part of the core - looks otherwise healthy

**West** core sapwood thickness (cm): ? 2.5

Comments on core: Difficult to determine

Date (day, month, year): 8/27/09 Personnel (initials): BW, AD, NA, AM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHohr PISI-Dead - #4  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Plot

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_  
 Tree is near the plot. **Describe location** ? - North of trail - see UTM

NAD83 UTM: 5292647 N 070431470 E  
Tree height (nearest m): 52 DBH (mid-slope, cm): 73.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
Tree is not as large or as tall as others, but it has plenty of light of the south side from large gap  
Is in canopy.  
Has Armadillo

=====  
Tree diameter at CORE height (cm): 76.2  
Cm from d-tape to wood: North 3.6 South 1.6 East 2.8 West 2.5  
**South** core sapwood thickness (cm): ? unable to determine  
Comments on core:

**West** core sapwood thickness (cm): ~ 5.2  
Comments on core:  
so beetle holes in near the top, but core is complete  
No bark, but did obtain outer ring.



Date (day, month, year): 7/28/09 Personnel (initials): BW, AM, NA, AD

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFH08-PISI-Live-#5  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** North of trail - ? see UTM's

NAD83 UTM: 5292728 N 10T0431301 E

Tree height (nearest m): 55 DBH (mid-slope, cm): 133.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 135.8

Cm from d-tape to wood: North 3.2 South 2.6 East 3.1 West 3.0

**South** core sapwood thickness (cm): 5.8 ?

Comments on core: Difficult to determine

**West** core sapwood thickness (cm): 4.1

Comments on core:

Date (day, month, year): 8/27/09 Personnel (initials): MA, AD, BW, AM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHolw-PIsI-Dead-#5  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** ? - North of trail - see UTM

NAD83 UTM: 5292765 N 0431318 E

Tree height (nearest m): 72 DBH (mid-slope, cm): 161.2

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

Missing bark at top - but fine branches left throughout the canopy

=====  
Tree diameter at CORE height (cm): 170.1

Cm from d-tape to wood: North 3.4 South 3.7 East 4.4 West 4.1

**South** core sapwood thickness (cm): ?

Comments on core:

Two cores: One complete but w/ beetle hole - the other is cracked w/ all the rings but no beetle holes

**West** core sapwood thickness (cm): ?

Comments on core:

Outer part was rotty but intact

Date (day, month, year): 7/28/09 Personnel (initials): BW, VA, AD, AM

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFHolt - PISI - Dead - #6  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** Just east of Big Flat sign, south of trail.

NAD83 UTM: 5293446 N 10T430193 E

Tree height (nearest m): 69 DBH (mid-slope, cm): 179.6

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

DBH taken above root collar

=====  
Tree diameter at CORE height (cm): 193.8

Cm from d-tape to wood: North 3.0 South 2.1 East 2.9 West 3.9

**South** core sapwood thickness (cm): ~2.1 - difficult to determine

Comments on core:

**West** core sapwood thickness (cm): ~1.8 - difficult to determine

Comments on core:

Date (day, month, year): 7/28/09 Personnel (initials): BW, NA, NO, AU

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFH0H-PISE-Live-#6

(Site - Species - Live or Dead - Tree number)

(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: BigFlat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** east of BigFlat sign, south of trail

NAD83 UTM: 5293437 N 1070430191 E

Tree height (nearest m): 76 DBH (mid-slope, cm): 191.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 191.9

Cm from d-tape to wood: North 3.7 South 7.5 East 7.6 West 5.6

**South** core sapwood thickness (cm): 6.0

Comments on core:

**West** core sapwood thickness (cm): 9.0

Comments on core:

Date (day, month, year): 8/28/09 Personnel (initials): AO, AM, NA, BW

### STABLE ISOTOPE CORES DATASHEET

Tree ID: SFH0H-PIST-Live-#7  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** Just outside of grazing enclosure plot

NAD83 UTM: 5292882 N 10T0431180 E

Tree height (nearest m): 65 DBH (mid-slope, cm): 153.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 158.0

Cm from d-tape to wood: North 2.2 South 3.0 East 4.0 West 2.4

**South** core sapwood thickness (cm): 3.4

Comments on core:

**West** core sapwood thickness (cm): 3.7

Comments on core:

Date (day, month, year): 8/28/09 Personnel (initials): BW, NA, ACD, AM

**STABLE ISOTOPE CORES DATASHEET**

Tree ID: SFHOK-PIST-Dead-#7  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Big Flat  
 Tree is inside the plot. **Tree tag number** \_\_\_\_\_  
 Tree is near the plot. **Describe location** grazing exclosure plot

NAD83 UTM: 5292911 N 10T043182 E

Tree height (nearest m): 68 DBH (mid-slope, cm): 158.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
Tree has Armadillo.

=====  
Tree diameter at CORE height (cm): 160.2  
Cm from d-tape to wood: North 4.5 South 1.9 East 5.1 West 2.0  
**South** core sapwood thickness (cm): 5.3  
Comments on core: Broken at 3 points

**West** core sapwood thickness (cm): 4.0 - difficult to determine  
Comments on core:

Date (day, month, year): 8/28/09 Personnel (initials): NA, AD

### STABLE ISOTOPE CORES DATASHEET

Tree ID: Hoh-PIST-Dead-8

(Site - Species - Live or Dead - Tree number)

(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Hoh River Big Plot

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** across river

NAD83 UTM: 552013 N 0431326 E

Tree height (nearest m): 62 DBH (mid-slope, cm): 191.9

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 191.1

Cm from d-tape to wood: North 2.9 South 1.6 East 3.7 West 3.8

**South** core sapwood thickness (cm): 4.0

Comments on core:

**West** core sapwood thickness (cm): 4.6 ← not sure  
Comments on core:

Lot of sap came out

Date (day, month, year): 8/28/09 Personnel (initials): AD, MJ

### STABLE ISOTOPE CORES DATASHEET

Tree ID: H01A - PDSI - LPU6 - 8  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: Hoh River

Tree is inside the plot. **Tree tag number** \_\_\_\_\_

Tree is near the plot. **Describe location** Across river

NAD83 UTM: 5292110 N 431415 E

Tree height (nearest m): 70 DBH (mid-slope, cm): 143.7

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====  
Tree diameter at CORE height (cm): 143.7

Cm from d-tape to wood: North 2.4 South 2.9 East 2.8 West 3.8

**South** core sapwood thickness (cm): 5.0

Comments on core:

**West** core sapwood thickness (cm): 5.3

Comments on core: