

Date (day, month, year): 25/8/09 Personnel (initials): NA, BW, AM, AD

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Wind River

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

Tree is near the plot. **Describe location** just south of canopy crane plot

NAD83 UTM: \_\_\_\_\_ N \_\_\_\_\_ E 25m SW of 81600  
Tree height (nearest m): 57.7 DBH (mid-slope, cm): 134.2 (Ded #2)

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

=====  
Tree diameter at CORE height (cm): 133.9

Cm from d-tape to wood: North 6.3 South 13.4 East 5.7 West 7.0

**South** core sapwood thickness (cm): 4.2

Comments on core:

**West** core sapwood thickness (cm): 4.7

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): AD, BW, AM, NA

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Canopy Crane Plot

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

Tree is near the plot. **Describe location** Eastern Edge of Canopy Crane Plot  
~10 m south of 81600

NAD83 UTM: \_\_\_\_\_ N \_\_\_\_\_ E

Tree height (nearest m): 58 DBH (mid-slope, cm): 108.3

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

=====  
Tree diameter at CORE height (cm): 110.0

Cm from d-tape to wood: North 10.5 South 4.8 East 6.7 West 3.9

**South** core sapwood thickness (cm): 2.8

Comments on core:

**West** core sapwood thickness (cm): 3.0

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): AD, BM, AM, NA

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Canopy Crane Plot  
 Tree is inside the plot. **Tree tag number** 81200  
 Tree is near the plot. **Describe location** \_\_\_\_\_

NAD83 UTM: \_\_\_\_\_ N \_\_\_\_\_ E - unable to acquire UTM's - please see tag

Tree height (nearest m): ~60 m DBH (mid-slope, cm): 117.0  
- diff. cut to get clear shot

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

=====  
Tree diameter at CORE height (cm): 117.2

Cm from d-tape to wood: North 3.5 South 4.3 East 2.6 West 2.5

**South** core sapwood thickness (cm): 3.1  
Comments on core:

*core wet, sapwood hard to determine*

**West** core sapwood thickness (cm): 3.4  
Comments on core:

Date (day, month, year): 25/8/09 Personnel (initials): AM, BW, NA, AD

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Wind River

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

Tree is near the plot. **Describe location** near canopy crane plot

NAD83 UTM: 5073367 N 10 T 0580458 E <sup>no satellites available</sup>  $\rightarrow$  25 m at 160° from 81600

Tree height (nearest m): 55.87 DBH (mid-slope, cm): 108.7

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

=====  
Tree diameter at CORE height (cm): 111.4

Cm from d-tape to wood: North 10.5 South 6.8 East 7.0 West 8.8

**South** core sapwood thickness (cm): 6.9

Comments on core:

**West** core sapwood thickness (cm): 7.6

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): AM, BM, AD, NA

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Canopy Core Plot  
 Tree is inside the plot. **Tree tag number** 7115-C  
 Tree is near the plot. **Describe location** \_\_\_\_\_

NAD83 UTM: \_\_\_\_\_ N \_\_\_\_\_ E - Gps Coverage available - refer to  
tag number  
Tree height (nearest m): 41.0 DBH (mid-slope, cm): 107.5

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

=====  
Tree diameter at CORE height (cm): 108.4  
Cm from d-tape to wood: North 7.5 South 5.6 East 5.9 West 9.1  
**South** core sapwood thickness (cm): 4.8  
Comments on core:

**West** core sapwood thickness (cm): 4.4  
Comments on core:

Date (day, month, year): 25 Aug 2009 Personnel (initials): AM, AD, NA, BW

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Wind River

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

Tree is near the plot. **Describe location** just south of crane plot

NAD83 UTM: 5074383 N 0581206 E between crane and 7 or 8 on  
transect 2

Tree height (nearest m): 53 DBH (mid-slope, cm): 129.5

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

pitching-el, 110, clear

=====  
Tree diameter at CORE height (cm): 133.0

Cm from d-tape to wood: North 9.5 South 7.0 East 4.8 West 9.7

**South** core sapwood thickness (cm): 2.8

Comments on core:

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

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): BAC, OA, AM, NCA

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: S-2

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

Tree is near the plot. **Describe location** North of S-2 subplot 9

NAD83 UTM: 5074388 N 0581067 E

Tree height (nearest m): 43 DBH (mid-slope, cm): 104.8

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

=====  
Tree diameter at CORE height (cm): 107.3

Cm from d-tape to wood: North 11.7 South 7.3 East 8.2 West 11.2

**South** core sapwood thickness (cm): 3.3

Comments on core:

**West** core sapwood thickness (cm): ? 3.2 - maybe not be accurate

Comments on core:

Date (day, month, year): 8/25/02 Personnel (initials): BWA, AD, AM, NA

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: S2

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

Tree is near the plot. **Describe location** North of S-2 sub: 9 → South of Plot Canopy Core

NAD83 UTM: 5074382 N 10T058107.5 E

Tree height (nearest m): 34.0 DBH (mid-slope, cm): 103.7

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

=====  
Tree diameter at CORE height (cm): 110.7

Cm from d-tape to wood: North 7.0 South 12.9 East 7.5 West 7.5

**South** core sapwood thickness (cm): 2.6

Comments on core:

Core is slightly offset to the west

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

Comments on core:

core is very slightly offset to the north



Date (day, month, year): 8/25/02 Personnel (initials): AD, NCA, BW, All

### STABLE ISOTOPE CORES DATASHEET

Tree ID: 2PisP - PSME - Live - #5

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

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

Plot name: S2

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

Tree is near the plot. **Describe location** North of S-2 subplot: 13

NAD83 UTM: 5074416 N 10T 0580681 E

Tree height (nearest m): 47 DBH (mid-slope, cm): 11.8

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

=====  
Tree diameter at CORE height (cm): 112.9

Cm from d-tape to wood: North 7.8 South 2.9 East 8.9 West 11.0

**South** core sapwood thickness (cm): 7.8

Comments on core:

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

Comments on core:

Date (day, month, year): 8/25/08 Personnel (initials): BL, NA, AM, AD

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: S-2

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

Tree is near the plot. **Describe location** North of S-2 #13

NAD83 UTM: 5074415 N 0580731 E

Tree height (nearest m): 50 DBH (mid-slope, cm): 115.2

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

=====  
Tree diameter at CORE height (cm): 115.2

Cm from d-tape to wood: North 7.0 South 12.0 East 8.6 West 9.6

**South** core sapwood thickness (cm): Can't tell

Comments on core:

**West** core sapwood thickness (cm): 7.8

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): AM, BW, NA, AD

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: Wind River Plot 16

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

Tree is near the plot. **Describe location** near Plot 16

NAD83 UTM: 5074345 N 0580453 E

Tree height (nearest m): 46 DBH (mid-slope, cm): 113.6

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

=====  
Tree diameter at CORE height (cm): 114.4

Cm from d-tape to wood: North 10.0 South 10.6 East 10.9 West 9.3

**South** core sapwood thickness (cm): 2.6

Comments on core:

*Very sticky*

**West** core sapwood thickness (cm): 3.1 ← not sure

Comments on core:

*Very sticky core*

Date (day, month, year): 5/28/02 Personnel (initials) ADAM, BLS, NA

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: S-2 sub 16  
 Tree is inside the plot. **Tree tag number** 413  
 Tree is near the plot. **Describe location** \_\_\_\_\_

NAD83 UTM: 5074354 N 10T0580465 E

Tree height (nearest m): 56 DBH (mid-slope, cm): 99.1

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

=====  
Tree diameter at CORE height (cm): 100.0

Cm from d-tape to wood: North 8.7 South 8.9 East 6.7 West 9.3

**South** core sapwood thickness (cm): 4.9

Comments on core:

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

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): AD, NA, AM, BW

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: S-3 : 43

Tree is inside the plot. **Tree tag number** 1446

Tree is near the plot. **Describe location** \_\_\_\_\_

NAD83 UTM: 5074476 N 10T 0579770 E

Tree height (nearest m): 41 DBH (mid-slope, cm): 114.3

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

=====  
Tree diameter at CORE height (cm): 115.2

Cm from d-tape to wood: North 8.4 South 9.5 East 10.8 West 4.6

**South** core sapwood thickness (cm): 2.8

Comments on core:

**West** core sapwood thickness (cm): 2.2

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): BW, NA, AM, AD

### STABLE ISOTOPE CORES DATASHEET

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

Plot name: S3-43 - Wms River

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

Tree is near the plot. **Describe location** West of plot boundary

NAD83 UTM: \_\_\_\_\_ N \_\_\_\_\_ E - 15 m @ 300° from Dead #7  
# 1446

Tree height (nearest m): 58 DBH (mid-slope, cm): 117.2

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

=====  
Tree diameter at CORE height (cm): 117.2

Cm from d-tape to wood: North 8.8 South 6.2 East 8.2 West 9.8

**South** core sapwood thickness (cm): 4.5

Comments on core:

**West** core sapwood thickness (cm): 5.6

Comments on core:

Date (day, month, year): 8/25/09 Personnel (initials): AM, NA, AD, PAW

### STABLE ISOTOPE CORES DATASHEET

Tree ID: Wind-PSME-Live-# 8  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: S-2 sub 14

- Tree is inside the plot. **Tree tag number** \_\_\_\_\_
- Tree is near the plot. **Describe location** Northern Border near 346

NAD83 UTM: 5074418 N 10 T 058067 E

Tree height (nearest m): 50 DBH (mid-slope, cm): 136.6

Comments on tree (health, mortality factors, neighbors, local conditions, etc.):  
DBH was taken standing on large litter & root mass around the base of the tree.

=====  
Tree diameter at CORE height (cm): 134.7

Cm from d-tape to wood: North 9.5 South 11.5 East 8.0 West 10.0

**South** core sapwood thickness (cm): 2.4

Comments on core: Center Rot, but still vigorous

**West** core sapwood thickness (cm): 2.0 - difficult to determine

Comments on core:

Date (day, month, year): 8/25/08 Personnel (initials): AM, NA, AD, BWS

### STABLE ISOTOPE CORES DATASHEET

Tree ID: Wind-PsMe-Dead-#8  
(Site - Species - Live or Dead - Tree number)  
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: S-2 : 14

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

Tree is near the plot. **Describe location** Northern Border - near 376

NAD83 UTM: 5077383 N 10T0580711 E

Tree height (nearest m): 40 DBH (mid-slope, cm): 126.6

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

=====  
Tree diameter at CORE height (cm): 126.0

Cm from d-tape to wood: North 2.6 South 2.7 East 2.0 West 8.2

**South** core sapwood thickness (cm): 2.1

Comments on core: Break at Sapwood boundary - Rings intact

**West** core sapwood thickness (cm): 3.1

Comments on core: