

Date (day, month, year): 21 July 2009 Personnel (initials): BW, AD, ND, NA

STABLE ISOTOPE CORES DATASHEET

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

Plot name: B2

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

Tree is near the plot. **Describe location** Between road + plot

NAD83 UTM: 4417890 N 0725640 E

Tree height (nearest m): 20m DBH (mid-slope, cm): 30.9

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

=====
Tree diameter at CORE height (cm): 30.9

Cm from d-tape to wood: North 1.5 South 1.5 East 1.1 West 1.1

South core sapwood thickness (cm): 2.5

Comments on core:

West core sapwood thickness (cm): 4.1

Comments on core:

Date (day, month, year): 21 July 2009 Personnel (initials): AD, NP, NA, BW

STABLE ISOTOPE CORES DATASHEET

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

Plot name: B.A Fraser

- Tree is inside the plot. **Tree tag number** 11
- Tree is near the plot. **Describe location** between road + plot

NAD83 UTM: 4417948 N 0425621 E Zone: 13 S

Tree height (nearest m): 21 DBH (mid-slope, cm): 36.1

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

=====
Tree diameter at CORE height (cm): 36.7

Cm from d-tape to wood: North 1.8 South 1.7 East 1.9 West 1.6

South core sapwood thickness (cm): 5.1 -^p at grey boundary
Comments on core:

West core sapwood thickness (cm): 6.0 cm -^p at grey boundary
Comments on core:

Date (day, month, year): 21-July-2009 Personnel (initials): NA, ND, BW, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser - PICO - Live - 2

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

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

Plot name: B2

Tree is inside the plot. Tree tag number 478

Tree is near the plot. Describe location _____

NAD83 UTM: 4417806 N 0425739 E

Tree height (nearest m): 18 DBH (mid-slope, cm): 32.0

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

This was nearest live tree in
similar growing conditions.
Vast majority of large live are dead.

=====
Tree diameter at CORE height (cm): 32.2

Cm from d-tape to wood: North 0.8 South 1.4 East 1.6 West 1.0

South core sapwood thickness (cm): 9.1

Comments on core:

West core sapwood thickness (cm): 6.8

Comments on core:

Date (day, month, year): 21-July-2009 Personnel (initials): AD, BW, ND, NA

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICO-Dead-2

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

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

Plot name: Fraser B2

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

Tree is near the plot. **Describe location** between road + plot

NAD83 UTM: 4417939 N 0425617 E

Tree height (nearest m): 20 DBH (mid-slope, cm): 33.9

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

=====
Tree diameter at CORE height (cm): 34.6

Cm from d-tape to wood: North 1.1 South 1.1 East 0.6 West 1.2

South core sapwood thickness (cm): 5.3 → grey boundary
Comments on core:

West core sapwood thickness (cm): 4.4 - grey boundary
Comments on core:

Date (day, month, year): 21-July-2009 Personnel (initials): AD, NA, MO, BLW

STABLE ISOTOPE CORES DATASHEET

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

Plot name: B2

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

Tree is near the plot. **Describe location** southern tip near creek

NAD83 UTM: 4417778 0425598 E

Tree height (nearest m): 18 DBH (mid-slope, cm): 44.0

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

Near Creek

=====
Tree diameter at CORE height (cm): 44.5

Cm from d-tape to wood: North 1.6 South 1.7 East 1.4 West 1.9

South core sapwood thickness (cm): 1.5

Comments on core:

West core sapwood thickness (cm): 2.4

Comments on core:

Date (day, month, year): 21-July-2009 Personnel (initials): ND, NA, AD, BW

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser - PICO - Dead - 3

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

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

Plot name: B2

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

Tree is near the plot. **Describe location** Southern edge near creek

NAD83 UTM: 4417768 N 0425596 E

Tree height (nearest m): 24 DBH (mid-slope, cm): 47.8

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

Near creek

=====
Tree diameter at CORE height (cm): 48.7

Cm from d-tape to wood: North 1.4 South 1.8 East 1.0 West 1.1

South core sapwood thickness (cm): 4.6 ← grey line

Comments on core:

West core sapwood thickness (cm): 4.6 ← grey line

Comments on core:

Center part is rotty but rings intact,

Should have at least 50 rings

before rot

Date (day, month, year): 7/21/08 Personnel (initials): BAW, AD, NA, ND

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C-3

Tree is inside the plot. **Tree tag number** I-1188

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417456 N 135-0426470 E

Tree height (nearest m): 19 DBH (mid-slope, cm): 33.7

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

=====

Tree diameter at CORE height (cm): 33.7

Cm from d-tape to wood: North 1.7 South 1.2 East 1.0 West 1.4

South core sapwood thickness (cm): 3.5

Comments on core:

West core sapwood thickness (cm): 3.1

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BAW, ND, NA, AD

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C3

Tree is inside the plot. **Tree tag number** I-1170

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417456 N 13S-0426469 E

Tree height (nearest m): 24 DBH (mid-slope, cm): 39.8

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

=====
Tree diameter at CORE height (cm): 39.8

Cm from d-tape to wood: North 1.6 South 1.1 East 0.8 West 1.5

South core sapwood thickness (cm): 2.5

Comments on core:

West core sapwood thickness (cm): 0.6

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BAW, AD, NA, ND

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C3

Tree is inside the plot. **Tree tag number** 804

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417460 N 138-0426470 E

Tree height (nearest m): 23 DBH (mid-slope, cm): 28.7

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

Tag broken at end.

=====

Tree diameter at CORE height (cm): 29.0

Cm from d-tape to wood: North 1.4 South 2.1 East 1.7 West 1.5

South core sapwood thickness (cm): 4.6

Comments on core:

West core sapwood thickness (cm): 2.4

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BKW, AD, NO, NPA

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICO-Dead-#5

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

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

Plot name: C3

Tree is inside the plot. **Tree tag number** I-1227

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417457 N 13S-0426469 E

Tree height (nearest m): 24 DBH (mid-slope, cm): 38.7

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

Tag partially swallowed

=====
Tree diameter at CORE height (cm): 39.0

Cm from d-tape to wood: North 0.9 South 0.8 East 1.5 West 1.3

South core sapwood thickness (cm): 4.5

Comments on core:

Vertical angle - collected pith.

West core sapwood thickness (cm): 3.2

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BANF, NA, ND, AD

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C-3

Tree is inside the plot. **Tree tag number** I-830

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417415 N 13S-0426505 E

Tree height (nearest m): 17 DBH (mid-slope, cm): 29.7

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

Scar down middle, large burl, rot section on south side
Major heart rot - cores are short but with sufficient rings
Crown looks very healthy

=====
Tree diameter at CORE height (cm): 29.9

Cm from d-tape to wood: North 1.7 South 1.4 East 1.6 West 1.3

South core sapwood thickness (cm): 4.8

Comments on core:

West core sapwood thickness (cm): 5.0

Comments on core:

Date (day, month, year): 7/21/08 Personnel (initials): NA, ND, AD, BAW

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C3

Tree is inside the plot. **Tree tag number** I-304 or 1-304?

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417456 N 1350426471 E

Tree height (nearest m): 21 DBH (mid-slope, cm): 35.6

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

=====

Tree diameter at CORE height (cm): 35.6

Cm from d-tape to wood: North 1.5 South 1.0 East 2.2 West 1.5

South core sapwood thickness (cm): 3.9

Comments on core:

West core sapwood thickness (cm): 5.0

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BAW, NA, ND, AD

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C-3

Tree is inside the plot. **Tree tag number** 839

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417419 N 1350426503 E

Tree height (nearest m): 24 DBH (mid-slope, cm): 30.2

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

Minor rot - not affecting the cores
very small rot pocket

=====

Tree diameter at CORE height (cm): 30.2

Cm from d-tape to wood: North 1.7 South 1.8 East 1.5 West 1.5

South core sapwood thickness (cm): 3.4

Comments on core:

cores are rot free

West core sapwood thickness (cm): 1.6

Comments on core:

Date (day, month, year): 7/2/09 Personnel (initials): BAW, NA, ND, AD

STABLE ISOTOPE CORES DATASHEET

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

Plot name: C-3

Tree is inside the plot. **Tree tag number** 842

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4417425 N 135-0426510E

Tree height (nearest m): 19 DBH (mid-slope, cm): 30.3

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

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=====
Tree diameter at CORE height (cm): 30.0

Cm from d-tape to wood: North 1.1 South 1.0 East 1.4 West 1.0

South core sapwood thickness (cm): 1.8

Comments on core:

West core sapwood thickness (cm): 1.9

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): AD, ND, NA, BAW

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICO-Live-#8

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

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

Plot name: B-2

Tree is inside the plot. **Tree tag number** -1260-

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4416716 N 1350426147 E

Tree height (nearest m): 18.5 DBH (mid-slope, cm): 26.5

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

Not thick, but tall canopy tree

=====
Tree diameter at CORE height (cm): 27.0

Cm from d-tape to wood: North 1.8 South 2.0 East 2.1 West 1.3

South core sapwood thickness (cm): 6.1

Comments on core:

West core sapwood thickness (cm): 3.2

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BAW, NA, ND, AD

STABLE ISOTOPE CORES DATASHEET

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

Plot name: D2

Tree is inside the plot. **Tree tag number** I-846

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4416682 N 13S 0426107 E

Tree height (nearest m): 20 DBH (mid-slope, cm): 43.5

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

=====
Tree diameter at CORE height (cm): 44.4

Cm from d-tape to wood: North 1.1 South 1.8 East 1.5 West 1.2

South core sapwood thickness (cm): 3.0

Comments on core:

West core sapwood thickness (cm): 3.9

Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BAW, ND, NA, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICO-Live-#9
(Site - Species - Live or Dead - Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: D2

Tree is inside the plot. **Tree tag number** 1670

Tree is near the plot. **Describe location** _____

NAD83 UTM: 4416704 N 135-0426183 E

Tree height (nearest m): 16.0 DBH (mid-slope, cm): 22.1

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

=====

Tree diameter at CORE height (cm): 22.7

Cm from d-tape to wood: North 1.6 South 1.7 East 1.5 West 1.6

South core sapwood thickness (cm): 8.8

Comments on core: sapwood seems very large compared to other samples
Not entirely sure if accurate

West core sapwood thickness (cm): 10.2

Comments on core:

|| same as above

Date (day, month, year): 7/21/09 Personnel (initials): BAW, ND, NA, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICA-Dead-#9
(Site - Species - Live or Dead - Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: D2
 Tree is inside the plot. **Tree tag number** 927
 Tree is near the plot. **Describe location** _____

NAD83 UTM: 4416741 N 1350426160 E
Tree height (nearest m): 19 DBH (mid-slope, cm): 30.6
Comments on tree (health, mortality factors, neighbors, local conditions, etc.):

=====
Tree diameter at CORE height (cm): 30.9
Cm from d-tape to wood: North 1.4 South 1.3 East 1.0 West 1.0
South core sapwood thickness (cm): 5.8
Comments on core:

West core sapwood thickness (cm): 4.5
Comments on core:

Date (day, month, year): 7/21/09 Personnel (initials): BW, NA, ND, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICO-Live-#10
(Site - Species - Live or Dead - Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: D2

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

Tree is near the plot. **Describe location** East of D2 on inner corner of D-2 + D-5

NAD83 UTM: 4416572 N 135-0426329 E

Tree height (nearest m): 19 DBH (mid-slope, cm): 29.0

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

=====

Tree diameter at CORE height (cm): 29.1

Cm from d-tape to wood: North 1.9 South 2.3 East 2.5 West 2.0

South core sapwood thickness (cm): 2.0

Comments on core: Sapwood Difficult to measure

West core sapwood thickness (cm): 3.0

Comments on core:

Date (day, month, year): 7/21/08 Personnel (initials): NA, ND, BW, AD

STABLE ISOTOPE CORES DATASHEET

Tree ID: Fraser-PICO-Dead-#10
(Site - Species - Live or Dead - Tree number)
(Examples: Sequoia-CADE-Dead-1 or Fraser-PICO-Live-5)

Plot name: D2

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

Tree is near the plot. **Describe location** East of D2, on inner corner of D-2 + D-5

NAD83 UTM: 4416667 N 0426331 E

Tree height (nearest m): 22 DBH (mid-slope, cm): 45.7

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

=====
Tree diameter at CORE height (cm): 46.1

Cm from d-tape to wood: North 1.2 South 1.0 East 1.6 West 1.4

South core sapwood thickness (cm): 4.4

Comments on core:

West core sapwood thickness (cm): 4.7

Comments on core: