

Table 1. Summary of data products produced for the project.

DATA PRODUCT	YEAR	ASPEN SITE			MAPLE SITE		
		SAMPLE PERIOD	SPECIES	n	SAMPLE PERIOD	SPECIES	n
Transpiration ^a	2004	July - August	Dominant ^b	170			
	2005	May - July	Dominant ^b	170	July - August	Dominant ^c	160
	2006	July	Dominant ^b	16	July	Dominant ^c	160
	2007	May - August	Dominant ^b	16	May - August	Dominant ^c	16
Soil Moisture	2004		n/a ^d	144			
	2005		n/a ^d	144	July	n/a ^d	144
	2006		n/a ^d	144			
	2007		n/a ^d	144			
Tree Height	2006	July	All ^f	~1200			
Tree xy coordinates	2006	July	All ^f	~1200			
	2007				July	All ^f	~1000
LAI	2004	August	n/a ^d	144			
	2005	July	n/a ^d	144			
DBH	2004	August	All ^f	~180			
	2005				July	All ^f	~180
	2006	July	All ^f	~1200			
	2007				July	All ^f	~1000
Soil Bulk Density	2006	July	n/a ^e	87	July	n/a ^e	9
Soil Total Nitrogen	2006	July	n/a ^e	38	July	n/a ^e	9
Soil Total Carbon	2006	July	n/a ^e	38	July	n/a ^e	9
Soil Carbon: Nitrogen	2006	July	n/a ^e	38	July	n/a ^e	9
Soil Texture	2006	July	n/a ^e	38	July	n/a ^e	9
Projected Crown Area	2005	July	Aspen	15			
Leaf Mass	2005	July	Aspen	8			
Total Leaf Area	2005	July	Aspen	8			
Light Attenuation Profile	2005	July	Aspen	8			
Photosynthesis	2005	June - July	Aspen	190			
Stomatal Conductance	2005	June - July	Aspen	190			
SLA	2005	June - July	Aspen	190			
Chlorophyll Content	2005	June - July	Aspen	190			
Leaf Water Potential	2005	June - July	Dominant ^b	20	July	Dominant ^c	20

^a Relative humidity and temperature were measured concurrently to sap flux data at 2/3 canopy height.

^b Dominant species for the aspen site are *Populus tremuloides Mich.*, *Alnus incana*, *Thuja occidentalis*.

^c Dominant species for the maple site are *Acer saccharum*, and *Alnus incana*, *Pinus resinosa*.

^d Plot level measurements collected across entire study site.

^e Plot level measurements collected from plot transect(s) across study site.

^f Measurement taken for any tree in sample location, regardless of species.