1. Calculation Method

We used the Granier's equation for sap flow calculation:

Sap flow rate (cm/hr) =360*0.119 *$\{(\Delta T_{max}-\Delta T)/ \Delta T\}^{1.231}$,

where ΔT is the temperature difference between the two probes, ΔT_{max} is the zero flow ΔT. We used the maximum ΔT observed between 0 AM and 6 AM in each day. Assumption is trees are fully recharged with water by dawn.

Reference

Granier, A (1987) Tree Physiology 3, 309-320

2. Tree Description

Tree	Species	# of probes	BHD (cm)
Pine_1	Ponderosa	2	12.1
Pine_2	Ponderosa	1	6.4
Pine_3	Ponderosa	4	80.2
Pine_4	Sugar	4	35.0
Oak_1	Black	6	101.9
Oak_2	Black	2	32.8
Oak_3	Black	2	38.2