

Land Cover

Measure Tree Height on Level Ground: Simplified Clinometer Technique Data Sheet

School Name: _____ Site: _____

Measurement Time: Year _____ Month _____ Day _____ Hour (UT) _____

Recorded By: _____

Clinometer Data

Tree Species 1 Name <input type="checkbox"/> Dominant <input type="checkbox"/> Co-Dominant	Clinometer Reading (°)	Tree Height (m) = Distance from Base of the Tree (m) plus height of Eyes (m)	Average Tree Height (m)	Average Lat. and Long. of Each Tree (GPS protocol)
Specimen 1	45°			Lat.:
	45°			Long.:
	45°			
Specimen 2	45°			Lat.:
	45°			Long.:
	45°			
Specimen 3	45°			Lat.:
	45°			Long.:
	45°			
Specimen 4	45°			Lat.:
	45°			Long.:
	45°			
Specimen 5	45°			Lat.:
	45°			Long.:
	45°			

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	45°			
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	45°			Long.:
	45°			
Specimen 4	45°			Lat.:
	45°			Long.:
	45°			
Specimen 5	45°			Lat.:
	45°			Long.:
	45°			

Note: Measure each tree three times and average the three height values. If all three values are within 1 meter of the average, report the values. If not, repeat the measurements until they are within 1 meter of their average, and then report these values.