

# Land Cover Investigation

## 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

Dominant Species _____	Clinometer Reading (°)	Tree Height (m) (Distance from Base of Tree (m) and Up to Eyes)	Average Tree Height (m)
Specimen 1.	45°	_____	
		_____	
		_____	
Specimen 2.	45°	_____	
		_____	
		_____	
Specimen 3.	45°	_____	
		_____	
		_____	
Specimen 4.	45°	_____	
		_____	
		_____	
Specimen 5.	45°	_____	
		_____	
		_____	

Co-Dominant Species _____	Clinometer Reading (°)	Tree Height (m) (Distance from Base of Tree (m) and Up to Eyes)	Average Tree Height (m)
Specimen 1.	45°	_____	
		_____	
		_____	
Specimen 2.	45°	_____	
		_____	
		_____	
Specimen 3.	45°	_____	
		_____	
		_____	
Specimen 4.	45°	_____	
		_____	
		_____	
Specimen 5.	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.