

# Land Cover

## Measure Tree Height on Level Ground Data Sheet

School Name: \_\_\_\_\_ Site: \_\_\_\_\_

Measurement Time: Year \_\_\_\_\_ Month \_\_\_\_\_ Day \_\_\_\_\_ Hour (UT) \_\_\_\_\_

Recorded By: \_\_\_\_\_

Clinometer Data								
Tree No.	Latin/Common Name	Clinometer Reading (°)	TAN of Clinometer Reading	Distance from Tree (m)	Eye Height (m)	Tree Height (m)	Dominant or Co-Dominant	Average Lat. and Long. of Each Tree (GPS protocol)
1								Lat.:
								Long.:
2								Lat.:
								Long.:
3								Lat.:
								Long.:
4								Lat.:
								Long.:
5								Lat.:
								Long.:
6								Lat.:
								Long.:
7								Lat.:
								Long.:
8								Lat.:
								Long.:
9								Lat.:
								Long.:
10								Lat.:
								Long.:

**Tree Height = [TAN of Clinoter Reading] x [Distance from Tree (m)] + [Eye Height (m)]**