

Acoustic Transect Data Sheet

Read instructions carefully before surveying. Air temperature must be at least 55°F at starting time. DO NOT conduct surveys in rain, drizzle, or even fog, or if wind speed is greater than 15 mph (moderate breeze, when small tree branches are in motion).

Survey start time should be 30 minutes past local sunset time. Be punctual, and don't approximate. Sunset time (and moon phase) can be found in your local newspaper, local TV weather report, or on websites like www.sunrisesunset.com/USA/New_Jersey.asp (select your town). Remember to add 30 minutes!

Surveyor Name(s): _____

Date: _____ County: _____ State: _____

Transect Code: _____ AnaBat #: _____
(ex: NJ-WarrenCo-1) (on left side of detector; ex: CWF#1)

To be completed by coordinator:

Survey Start lat/long (decimal degrees): N _____ E _____
 Survey End lat/long (decimal degrees): N _____ E _____

	Time	Temp (°F)	Wind Speed*	% Cloud Cover	Moon Visible?	Moon Phase			
Survey START:						new		1/2	
Survey END:						1/4		3/4	
*Wind speed of 1-7 mph is a slight breeze with leaves rustling; 8-12 mph is a gentle breeze with leaves & twigs in motion; at 13-18 mph small branches move.								full	

Number of times overtaken by vehicles in same lane: _____
Keep track with tick marks Total #

Trip Notes (include details about heavy traffic, unexpected stops, detours, wrong turns, high insect noise, etc.):

Continue notes on back page if necessary. Please attach a map showing any significant changes.