



Virginia Amphibian Monitoring Program

Frog call survey instructions and datasheet

Name and Contact Information																																	
Please complete contact information below to notify us of any changes.																																	
Name :																																	
Street Address:																																	
City, State, Zip Code:																																	
Phone:	Email:																																
<p>Instructions: Please be sure to complete the entire datasheet.</p> <p>Each datasheet represents one person's frog call observations. If you have an assistant, he/she can assist with the environmental data (e.g. air temp, count cars, etc.) but not with what frogs are heard.</p> <p>Visit stops in 1-10 order. If unforeseen circumstances require you to skip a stop, write that on the datasheet.</p> <p>At the start and finish of each survey record the time, wind, and sky conditions (see codes to the right).</p> <p>At each stop listen for 5 minutes, then record the amphibian calling index for each species heard. Report only the species you are confident that you heard. If a species varies in calling intensity over the listening period, report the highest calling index level you heard.</p> <p>At each stop, also report the environmental data requested: start time, air temperature, noise conditions, moonlight, and number of cars that passed while listening.</p> <p>There are two kinds of noise disturbance questions:</p> <ul style="list-style-type: none"> • Was noise a factor? This is asking if background noise impacted your ability to hear. If yes, check the box. • "Did you take a time out?" If an unexpected noise disturbance happens (such as a train) that lasts a minute or more, you may interrupt the 5 minute listening period to ignore the sudden disturbance. Finish up the listening time after the disturbance has passed. Do not include this type of noise in the "was noise a factor" question. 	<p style="text-align: center;">Index and Code Definitions</p> <p>Amphibian Calling Index</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%; text-align: center;">1</td><td>Individuals can be counted; there is space between calls</td></tr> <tr><td style="text-align: center;">2</td><td>Calls of individuals can be distinguished but there is some overlapping of calls</td></tr> <tr><td style="text-align: center;">3</td><td>Full chorus, calls are constant, continuous and overlapping</td></tr> </table> <p>Sky codes</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%; text-align: center;">0</td><td>Few clouds</td></tr> <tr><td style="text-align: center;">1</td><td>Partly cloudy (scattered) or variable sky)</td></tr> <tr><td style="text-align: center;">2</td><td>Cloudy or overcast</td></tr> <tr><td style="text-align: center;">4</td><td>Fog or smoke</td></tr> <tr><td style="text-align: center;">5</td><td>Drizzle or light rain (not affecting hearing ability)</td></tr> <tr><td style="text-align: center;">7</td><td>Snow</td></tr> <tr><td style="text-align: center;">8</td><td>Showers (is affecting hearing ability) do not conduct survey</td></tr> </table> <p>Wind Codes</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td style="width: 5%; text-align: center;">0</td><td>Calm (<1mph) smoke rises vertically</td></tr> <tr><td style="text-align: center;">1</td><td>Light Air (1-3 mph) smoke drifts, weather vane inactive</td></tr> <tr><td style="text-align: center;">2</td><td>Light Breeze (4-7 mph) leaves rustle, can feel wind on face</td></tr> <tr><td style="text-align: center;">3</td><td>Gentle Breeze (8-12 mph) leaves and twigs move around, small flag extends</td></tr> <tr><td style="text-align: center;">4*</td><td>Moderate Breeze (13-18 mph) moves thin branches, raises loose papers * Do not conduct survey, unless in Great Plains states</td></tr> <tr><td style="text-align: center;">5**</td><td>Fresh Breeze (19 mph or greater) small trees begin to sway **Do not conduct survey -ALL REGIONS</td></tr> </table> <p>Paperwork Reduction Act Statement: A Federal agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Public burden for the collection of this information is estimated to average 7 hours per response. Comments regarding this collection of information should be directed to the Bureau Clearance Officer, U.S. Geological Survey, 807 National Center, Reston, Virginia 20192. OMB NO. 1028-0078 Expiration Date: 10/31/2014</p> <p style="text-align: center; color: red;">Insert sampling windows or mailing address here</p>	1	Individuals can be counted; there is space between calls	2	Calls of individuals can be distinguished but there is some overlapping of calls	3	Full chorus, calls are constant, continuous and overlapping	0	Few clouds	1	Partly cloudy (scattered) or variable sky)	2	Cloudy or overcast	4	Fog or smoke	5	Drizzle or light rain (not affecting hearing ability)	7	Snow	8	Showers (is affecting hearing ability) do not conduct survey	0	Calm (<1mph) smoke rises vertically	1	Light Air (1-3 mph) smoke drifts, weather vane inactive	2	Light Breeze (4-7 mph) leaves rustle, can feel wind on face	3	Gentle Breeze (8-12 mph) leaves and twigs move around, small flag extends	4*	Moderate Breeze (13-18 mph) moves thin branches, raises loose papers * Do not conduct survey, unless in Great Plains states	5**	Fresh Breeze (19 mph or greater) small trees begin to sway **Do not conduct survey -ALL REGIONS
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Comments:																																	



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Please complete information below			Data collected at start and finish of survey														
Observer Name:			For wind & sky codes see page 1	Start						Finish							
Route Number:			Time (military)														
Route Name:			Wind	0	1	2	3	4	5	0	1	2	3	4	5		
Survey Date (mm/dd/yyyy):			Sky	0	1	2	4	5	7	8	0	1	2	4	5	7	8
Window Number:			Days since last rainfall:														

Data collected at each stop	Stop Number									
	1	2	3	4	5	6	7	8	9	10
Start Time (military):										
Air Temperature:										
Select Scale: °C °F										
Was noise a factor? (check if yes)										
Did you take a timeout? (check if yes)										
Species List	1	2	3	4	5	6	7	8	9	10
Moon or moonlight visible? Y, N										
Check if snow cover (optional)										
Number of cars that passed:										

If you have any additional notes, please write them in the box provided on the front of this sheet. Thank you for your participation!