

## Quick Reference for Yellow-billed Cuckoo Protocol Surveys

- I. Pre-survey -Be sure to have:
  - Binoculars
  - Playback device (such as Sansa Clip Mp3 player)
  - Speaker, such as Altec-Lansing orbital speaker
  - GPS
  - Extra batteries
  - charger for mp3
- II. Before final survey – fill out the Site Visit Form
- III. All surveys:
  - a. Stop every 100 meters
  - b. Play call 5 times after 1-minute listening period
  - c. Wait 1 minute after last call before moving to next stop.
- IV. When you encounter a cuckoo:
  - a. Stop playback immediately
  - b. Look for and observe the cuckoo first, then record data and take notes
  - c. Move 300 meters from the cuckoo before resuming playback
  - d. If the cuckoo follows you, move another 300 meters
- V. After you survey
  - a. Enter data in Electronic Summary Form (check permit for data submission requirements).
  - b. If required, report cuckoo sightings soon – usually within 24 hours.

### Useful tables:

Beaufort number	Description	Wind speed	Land conditions
0	Calm	< 1 km/h; <1 mph	Calm. Smoke rises vertically.
1	Light air	1–5 km/h; 1-3 mph	Smoke drift indicates wind direction. Leaves and wind vanes are stationary.
2	Light breeze	6–11 km/h; 4-7 mph	Wind felt on exposed skin. Leaves rustle. Wind vanes begin to move.
3	Gentle breeze	12–19 km/h; 8-12 mph	Leaves and small twigs constantly moving, light flags extended.
4	Moderate breeze	20–28 km/h; 13-18 mph	Dust and loose paper raised. Small branches begin to move.
5	Fresh breeze	29–38 km/h; 19-24 mph	Branches of a moderate size move. Small trees in leaf begin to sway.
6	Strong breeze	38–49 km/h; 25-31 mph	Large branches in motion. Whistling heard in overhead wires.

Codes for quantifying the degree of accuracy in estimating the distance to a detected cuckoo	
Accuracy Code	Explanation
1	Measured distance, using laser rangefinder or pacing, to a known location.
2	Measured distance, using laser rangefinder or pacing, to an estimated location.
3	Estimated location of detection and distance, feel confident it was within 25 m of true location.
4	Estimated location of detection and distance, feel confident it was within 50 m of true location.
5	Estimated location of detection and distance, feel confident it was within 100 m of true location.
6	Little confidence in your estimate, a complete “guesstimate”.