**ROUTE SURVEY FORM**

**Route no. :** **Route name :**

**Date :** **Survey** (1st or 2nd) :

**Observer :** **Assistant :**

**Cloud cover :** *clear* 🞎 *parlty cloudy* 🞎 *or overcast* 🞎  **Wind** (0 to 3) :

**Precipitation :** *none* 🞎 *light* 🞎 *or heavy* 🞎

**Air temperature at the start :** ºC **At the end :** ºC

Indicate **maximum** abundance index value :

0 = none heard;

1 = individuals can be counted;

2 = some individuals can be counted, others overlapping;

3 = full chorus, calls continuous and overlapping, individuals not distinguishable.

|  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Station | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **Total** |
| Time (0h00 to 23h00) |  |  |  |  |  |  |  |  |  |  |  |
| Noise (x) |  |  |  |  |  |  |  |  |  |  |  |
| Listening quality(**P**oor, **M**edium or **G**ood) |  |  |  |  |  |  |  |  |  |  |  |
| Odometer (km) |  |  |  |  |  |  |  |  |  |  |  |
| American toad |  |  |  |  |  |  |  |  |  |  |  |
| Spring Peeper |  |  |  |  |  |  |  |  |  |  |  |
| Wood Frog |  |  |  |  |  |  |  |  |  |  |  |
| **Other species heard :** |
| Gray Treefrog |  |  |  |  |  |  |  |  |  |  |  |
| Western ChorusFrog |  |  |  |  |  |  |  |  |  |  |  |
| Leopard Frog |  |  |  |  |  |  |  |  |  |  |  |
| Pickerel Frog |  |  |  |  |  |  |  |  |  |  |  |
| Green Frog |  |  |  |  |  |  |  |  |  |  |  |
| Mink Frog |  |  |  |  |  |  |  |  |  |  |  |
| Bullfrog |  |  |  |  |  |  |  |  |  |  |  |
| Others : |  |  |  |  |  |  |  |  |  |  |  |

## Return to: The St. Lawrence Valley Natural History Society, 21125 ch. Ste-Marie, Ste-Anne-de-Bellevue, Qc, H9X 3Y7.

## Tel. : 514-457-9449 ext. 600 email : sufyan.mirza@ecomuseum.ca

**The Beaufort scale of wind force**.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | **Beaufort****number** | **Description** | **Wind speed (knots)** | **Wind speed (km/h)** | **Effects** |
| **Good conditions** | 0 | Calm | <1 | <1 | Calm. Smoke rises vertically. |
| 1 | Light air | 1 - 3 | 1 - 5 | Wind motion visible in smoke. |
| 2 | Light breeze | 4 - 6 | 6 - 11 | Wind felt on exposed skin. Leaves rustle. |
| 3 | Gentle breeze | 7 - 10 | 12 - 19 | Leaves and smaller twigs in constant motion. |
| **Wind too strong** | 4 | Moderate breeze | 11 - 15 | 20 - 28 | Dust and loose paper raised. Small branches begin to move. |
| 5 | Fresh breeze | 16 - 20 | 29 - 38 | Branches of a moderate size move. Small trees begin to sway. |
| 6 | Strong breeze | 21 - 26 | 39 - 49 | Large branches in motion. Whistling heard in overhead wires. Umbrella use becomes difficult. Empty plastic garbage cans tip over. |
| 7 | High wind, Moderate Gale, Near Gale | 27 - 33 | 50 - 61 | Whole trees in motion. Effort needed to walk against the wind. Swaying of skyscrapers may be felt, especially by people on upper floors. |
| 8 | Fresh Gale | 34 - 40 | 62 - 74 | Twigs broken from trees. Cars veer on road. |
| 9 | Strong Gale | 41 - 47 | 75 - 88 | Larger branches break off trees, and some small trees blow over. Construction/temporary signs and barricades blow over. Damage to circus tents and canopies. |
| 10 | Whole Gale/Storm | 48 - 55 | 89 - 102 | Trees are broken off or uprooted, saplings bent and deformed, poorly attached asphalt shingles and shingles in poor condition peel off roofs. |
| 11 | Violent storm | 56 - 63 | 103 - 117 | Widespread vegetation damage. More damage to most roofing surfaces, asphalt tiles that have curled up and/or fractured due to age may break away completely. |
| 12 | Hurricane-force | ≥ 64 | ≥118 | Considerable and widespread damage to vegetation, a few windows broken, structural damage to mobile homes and poorly constructed sheds and barns. Debris may be hurled about. |