Transect ID:\_\_\_\_­­\_\_\_\_\_\_\_ Date:\_\_\_\_\_\_\_\_\_Driver:\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Primary Observer:\_\_\_\_\_\_\_\_\_\_\_\_\_2° Observers:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Start Odometer:\_\_\_\_\_\_\_\_

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Species (**or ‘Start’, ‘End’, ‘Obs Point’**)** | **Latitude at 1st Detection** | **Longitude at 1st Detection** | **Time** | **Observer State at 1st Detection** | **Method at 1st Detection** | **Detection Shadow** | **Detection Background / Snow Cover** | **2nd Ranging Latitude (optional)** | **2nd Ranging Longitude (optional)** | **Ranging Distance** | **Ranging Angle & Equipment** | **Total Group Size** | **Classification**  **(One species per row)** | **Majority Activity** |
| One species per row, even if in a group with another species. Add 2nd species on next row. | Your lat. in decimal degrees WGS 84 at instant of 1st detection. Record odometer if GPS fails. | Your long. in decimal degrees WGS 84 at instant of 1st detection. Record odometer if GPS fails. | 24 hour time | Were you moving or parked at the instant of 1st detection? | Usually ‘Naked Eye’ but “Binos” etc. if detected while scanning | 1st detected individuals in group was in sun or cloud shade. | backdrop behind 1st detected individuals: sky, dirt, grass, shrub, forest, etc. Also add ‘bare’, ‘part snow’ or ‘full snow’ | If you move to get better ranging of the group’s 1st location, then record 2nd lat here. Use odometer if GPS fails. | If you move to get better ranging of the groups 1st location, then record 2nd long here. Use odometer if GPS fails. | Meters (m) or yards (y) to group. Use tildas “≈100m” if approx distance | Bearing degrees to group from off of true N, not magnetic N. from phone, gps, or compass | Total number in group, including members of any other species! | # of confirmed  M, F, J, A, B, or U for adult **M**ales, adult **F**emales, **J**uveniles, **A**dults (F or M, not J), **B**ald (F or J, not M), or **U**nclassifed | What was the most common activity? grazing, resting, standing, moving |
| **Mule deer** | **44.5623** | **-107.2546** | **13:24** | **Parked** | **Naked eye** | **Over cast** | **Grass / full snow** |  |  | **153m** | **256° phone** | **13** | **8U 5M** | **Grazing** |
| Start |  |  |  |  |  |  |  | At Start, End, and Observation Points, record, lat, long, time, ‘overcast (>90% cloud)’ ‘partly cloudy’ or ‘sunny’ (<5%), and note ground as ‘bare’ (<5% snow cover), ‘part snow’ (5-90%), or ‘full snow’ (if >90%). | | | | | | |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |

Use additional sheets for more observation but be sure to fill out the header information on each sheet! Don’t forget to record the END lat, long, time, sky conditions, and snow conditions.