

## Broomfield Bald Eagle Watch Data Sheet

| Site Code | Date     | Start Time | End Time | Observer |
|-----------|----------|------------|----------|----------|
| SL        | 8/6/2018 | 700        | 1100     | TR       |

|                                      |   |
|--------------------------------------|---|
| Number of adult Bald Eagles detected | 1 |
| Number of nestlings detected         | 0 |
| Number of fledglings detected        | 0 |

| Plumage       |
|---------------|
| Y - Young     |
| JU - Juvenile |
| SU- Sub Adult |
| AD- Adult     |

Wind Code  Sky Code  Temp (F)

| Eagle ID Examples  |
|--------------------|
| A1 - Adult 1       |
| A2 - Adult 2       |
| Y1 - First Eaglet  |
| Y2 - Second Eaglet |
| Y3- Third Eaglet   |

| Disturbance Indicators |  |
|------------------------|--|
| 1                      | Intent staring   |
| 2                      | Raised hackles   |
| 3                      | Alert posture  |
| 4                      | Distress calls* (three distinctive calls of nesting birds in response to humans) <ul style="list-style-type: none"> <li>a. "chatter call" à 3-4 intro notes w/ short gasps of silence (&lt;1s) followed by rapid sequence of descending notes, usually 6-9 notes (kwit kwit kwit kwit kee-kee-kee-kee-</li> <li>b. "peal" high-pitched, prolonged, gull-like cry, repeated 3-5 times</li> <li>c. "wails" (rare)</li> </ul> |
| 5                      | Flushing   |
| 6*                     | Standing over their eggs (For an extended period > 10 min. notify super; > 20 minutes Stop Work)   |
| 7*                     | Standing on the side of nest (For an extended period > 10 min notify super; > 20 minutes Stop Work)  |

*\*Any distress call must be investigated to determine cause and any construction or human activity that may be responsible for the distress call, must be halted or modified immediately.*

| Behaviors <sup>1</sup>        |
|-------------------------------|
| P- Perched <sup>2</sup>       |
| NI - Nest Incubating (1)      |
| NB - Nest Brooding (1)        |
| NC - Nest Const/Maint. (D)    |
| FS - Feeding Self (C)         |
| FY - Feeding Young (C)        |
| PR - Preening (B)             |
| FL - Fledging                 |
| SL - Sleeping (E)             |
| AI - Aggressive Interact. (F) |
| Fly - to/from Nest/Perch (5)  |
| TE- Territory Flight (6)      |
| NV - Not Visible (7)          |
| C - Courtship/Copulate (G/H)  |

| ID | Time | Behavior | Disturbance          | Notes /comments/Loc <sup>2</sup>             |
|----|------|----------|----------------------|--|
| A1 | 700  | P1       |                      | A1 perched on nest                           |
| A1 | 715  | P1       |                      | A1 perched on nest                           |
| A1 | 730  | P1       | Railroad maintenance | A1 perched on nest, loud railroad equipment  |
| A1 | 745  | P1       |                      | A1 perched on nest                           |
| A1 | 753  | P1       |                      | A1 perched on nest                           |
| A1 | 800  | P1       |                      | A1 perched on nest                           |
| A1 | 812  | P1       | Railroad maintenance | A1 perched on nest                           |
| A1 | 815  | P1       | Railroad maintenance | A1 perched on nest, railroad air-horns       |
| A1 | 830  | P1       | Excavator            | A1 perched on nest, excavator operating      |
| A1 | 845  | P1       |                      | A1 perched on nest                           |
| A1 | 900  | P1       |                      | A1 perched on nest                           |
| A1 | 911  | Fly      |                      | A1 flew south toward US36 until NV           |
|    | 915  |          |                      | No eagles present                            |
|    | 930  |          |                      | No eagles present                            |
|    | 945  |          |                      | No eagles present                            |
| A1 | 949  | Fly,P2   |                      | A1 flew from southeast to perch in nest tree |
| A1 | 955  | P2       |                      | A1 perched in nest tree                      |
| A1 | 1000 | P2       |                      | A1 perched in nest tree                      |
| A1 | 1015 | P2       |                      | A1 perched in nest tree                      |
| A1 | 1030 | P2       |                      | A1 perched in nest tree                      |
| A1 | 1045 | P2       |                      | A1 perched in nest tree                      |

<sup>2</sup>. Perch type = 1. On nest; 2. In nest tree (outside of nest); 3. < 50 m. outside of nest tree; 4. >50m from nest;

\* Applies to incubation and brooding periods - once chicks hatch standing in or on the side of the nest is normal

