### Broomfield Bald Eagle Watch Data Sheet

<table>
<thead>
<tr>
<th>Site Code</th>
<th>Date</th>
<th>Start Time</th>
<th>End Time</th>
<th>Observer</th>
<th>Number of adult Bald Eagles detected</th>
<th>Number of nestlings detected</th>
<th>Number of fledglings detected</th>
</tr>
</thead>
<tbody>
<tr>
<td>SL</td>
<td>6/12/2018</td>
<td>905</td>
<td>1545</td>
<td>RDB</td>
<td>2</td>
<td>1</td>
<td></td>
</tr>
</tbody>
</table>

#### Disturbance Indicators

1. Intent staring
2. Raised hackles
3. Alert posture
4. Distress calls* (three distinctive calls of nesting birds in response to humans)
   - a. "chatter call" à 3-4 intro notes w/ short gasps of silence (<1s) followed by rapid sequence of descending notes, usually 6-9 notes (kwit kwit kwit kee-kee-kee-kee-kee)
   - b. "peal" high-pitched, prolonged, gull-like cry, repeated 3-5 times
   - c. "wails" (rare)
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.*

#### Disturbance

- 905 0
- 920 0
- 923 0
- 935 0
- 950 0
- 955 0
- 1000 0
- 1015 0
- 1030 0
- 1032 0
- 1032 0
- 1033 0
- 1033 0
- 1034 0
- 1034 0
- 1038 0
- 1042 0
- 1045 0
- 1046 0
- 1047 0
- 1056 0

#### Notes / comments/Loc

- A1 = female below nest, Y1 flapping
- Construction trucks arrive
- Train - No reaction from eagles
- Y1 moves to perch on arch, A1 no change
- A2= male, Flies into nest w/ prey
- Y1 drops to nest and feeds self
- Jumps up to arch
- Y1 still feeding
- Stoppers feeding jumps up to arch perch
- Constr. equipment starts up - no reaction
- Scraper start moving - no reaction

#### Eagle ID Examples

- A1 = Adult 1
- A2 = Adult 2
- Y1 = First Eaglet
- Y2 = Second Eaglet
- Y3 = Third Eaglet

#### Plumage

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

#### Behaviors

- P - Perched
- NI - Nest Incubating
- NB - Nest Brooding
- NC - Nest Const/Maint.
- FS - Feeding Self
- FY - Feeding Young
- PR - Preening
- FL - Fledging
- SL - Sleeping
- AI - Aggressive Interact.
- Fly - to/from Nest/Perch
- TE - Territory Flight
- NV - Not Visible
- C - Courtship/Copulate

#### Behaviors Notes

1. Perch type = 1. On nest; 2. In nest tree (outside of nest); 3. < 50 m. outside of nest tree; 4. > 50m from nest;
2. Applies to incubation and brooding periods - once chicks hatch standing in or on the side of the nest is normal

---

![Image of a page from a document with text related to bird observations.](image-url)
Scraping activity begins at 10:56 - two scrapers, a large tractor and water truck are moving dirt from the midpoint of the property to the west.

Normal nesting behavior observed during construction activity - neither the adults nor the eaglet reacted adversely to the activities and adults fed eaglet at least twice between 1032 and 1445.

**Sky Codes**
- CL: Clear
- PC: Partly Cloudy
- OC: Overcast
- DR: Drizzle
- RA: Rain
- SN: Snow
- SL: Sleet/hail
- FH: Fog/Haze

**Wind Codes**

<table>
<thead>
<tr>
<th>Wind Codes</th>
<th>Speed (mph)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>Smoke rises vertically</td>
</tr>
<tr>
<td>1</td>
<td>1-3</td>
<td>Wind direction visible in smoke</td>
</tr>
<tr>
<td>2</td>
<td>4-7</td>
<td>Wind felt on face, leaves rustle</td>
</tr>
<tr>
<td>3</td>
<td>8-12</td>
<td>Leaves and smaller twigs in constant motion</td>
</tr>
<tr>
<td>4</td>
<td>13-18</td>
<td>Small branches sway</td>
</tr>
<tr>
<td>5</td>
<td>19-24</td>
<td>Smaller trees sway</td>
</tr>
<tr>
<td>6</td>
<td>25-31</td>
<td>Large branches in motion</td>
</tr>
<tr>
<td>6+</td>
<td>31+</td>
<td>Whole trees in motion</td>
</tr>
</tbody>
</table>

* Per construction site supervisor, Y1 was fed by adult @ 1415.