

## Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	8/30/2018	723	923	TR

Number of adult Bald Eagles detected	2
Number of nestlings detected	
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	723	P2		A1 perched on east side of nest tree
A1	730	P2		Same, no change
A1,A2	732	Fly,Fly		A1 flying southeast, A2 flying southeast
A1,A2	735	P4,P4		Both adults perch in dead tree southeast
A1,A2	745	P4,P4		Both adults perch in dead tree southeast
A1,A2	800	P4,P4		Both adults perch in dead tree southeast
A1,A2	815	P4,P4		Both adults perch in dead tree southeast
A1,A2	830	P4,P4		Both adults perch in dead tree southeast
A1,A2	845	P4,P4		Both adults perch in dead tree southeast
A1,A2	900	P4,P4		Both adults perch in dead tree southeast
A2	903	P4		A1 flew off out of sight
A2	906	Fly		A2 flew from perch out of sight
A1	907	P2		Located A1 in the nest tree
A2	914	Fly/P2		A2 observed flying and landed in nest tree
A1.A2	915	P2,P2		Both adults in nest tree
A1,A2	923	P2,P2		Both adults 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

## Broomfield Bald Eagle Watch Data Sheet

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

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

**Please include additional notes and comments below:**

An adult eagle was observed in the nest tree upon arrival. At 7:32am the adult flew to the southeast, and the second adult was observed flying from an obscured perch in the stand of cottonwoods immediately south of the nest tree. Both eagles perched in a dead tree far to the southeast of the nest tree near Stearn's lake. They remained perched there for the majority of the observation period.

Construction was ongoing during the entire observation period including heavy equipment operating. The eagles returned to perches in the nest tree near the end of the observation period and did not appear disturbed by the construction activity.