

## Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	3/1/2018	0820	1020	T Romano

Number of adult Bald Eagles detected	2
Number of nestlings detected	
Number of fledglings detected	

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

Wind Code  Sky Code  Temp (F)

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.*

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

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	0820	NI	0	A1 incubating on arrival
A2	0820	PN	0	A2 perched on nest
A1	0826	NC	0	Nest maintenance
A2	0826	Fly	0	Flew off - NV
A1	829	NI	0	No change
A1	832	NI	0	No change
A1	0835	NI	0	No change
A1	0838	NI	0	No change
A1	0841	NI	0	No change
A1	0844	NI	0	No change
A1	0849	NI	0	Small plane overhead - no reaction
A1	0852	NI	0	
A1	0855	NI	0	
A1	0858	NC	0	Nest maintenance
A1	0858	NI	0	Settles back on eggs
A1	0901	NI	0	Turning eggs
A1	0904	NI	0	
A1	0907	NI	0	
A1	0910	NI	0	
A1	0913	NI	0	
A1	0915	NI	0	

<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 stand in or on the side of the nest is normal

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ID	Time	Behavior	Disturbance	Notes /comments/Loc <sup>2</sup>
A1	0918	NI	0	
A1	0921	NI	0	
A1	0924	NI	0	
A1	0927	NI	0	
A1	0930	NI	0	
A1	0933	NI	0	
A1	0936	NI	2	Chattering as raven flies over nest
A1	0939	NI	0	
A1	0942	NI	0	
A1	0945	NI	0	
A1	0946	NI	0	Train - no reaction
A1	0949	NI	0	Train still passing - no reaction
A1	0951	NI	0	Chatters as A2 returns
A2	0951	PN	0	Perches on nest - chatters
A1	0952	NI	0	A1/A2 No change
A1	0955	NI	0	A1/A2 No change
A1	0958	NI	0	A1/A2 No change
A1	1000	NI	0	A1/A2 No change
A1	1003	Fly	0	Incubation exchange - flies off
A1	1003	P2	0	Perch in tree to south
A2	1004	NI	0	Exchanges w/ A1 - settles on eggs
A1	1004	Fly	0	Flies out of view (NV)
A1	1006	PN	0	A1 returns to perch on nest
A2	1006	NI	0	Chatters as A1 returns
A2	1009	NI	0	No Change - A1 PN
A1	1012	Fly	0	Flies off - soars overhead
A2	1012	NI	0	Still on eggs
A2/A1	1015	NI	0	No Change
A2	1019	PN	0	Incubation exchange
A1	1019	NI	0	Settles on eggs
A1/A2	1020	NI	0	No change

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### 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:**

red tailed hawks perches in tree to the south - no eagle reaction

eagles exhibiting normal nesting behavior - two incubation exchanges observed

Human activity in area:

Dogs on and off-leash walked in park are watched by eagles, but no adverse reaction

Both eagles appear calm during airplane and train activity nearby

Traffic on NW parkway ignored by eagles