

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	11/1/2018	8:15am	9:15am	TR

Number of adult Bald Eagles detected	2
Number of nestlings detected	0
Number of fledglings detected	0

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

Sky Code Wind Code/Direction Temp (F)

Disturbance Indicators (DI)	
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"> 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 kwit 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)
8	Absence from the nest for extended period

**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 ¹
P- Perched ²
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 ²
			DI	Type	
A1,A2	815	P1,P1	0	Excavators, alarms	Both adults perched on nest
A2	826	P2	0	""	A2 moved to perch in nest tree
A1,A2	827	P2,P1	0	""	A1 moved to perch in nest tree, A2 back at nest
A1,A2	830	P2,P1	0	""	A1 in nest tree, A2 on nest
A2	832	Fly/P4	0	""	A2 flew to northern tree
A2	833	Fly/P1	0	""	A2 returns to nest w/stick
A2	837	Fly/P4	0	""	A2 flies to northern tree along railroad
A2	843	Fly/P1	0	""	A2 returns to nest w/stick
A1,A2	845	P2,P1	0	""	A1 in nest tree, A2 on nest
A1	851	P1	0	""	A1 moved to perch on nest with A2
A1	852	Fly/P4	0	""	A1 flies to northern tree along railroad
A1,A2	855	Fly/P1	0	""	A1 flew to nest, A2 made short flight
A1,A2	857	P1,P1	0	""	Both adults perched on nest
A1	858	P2	0	""	A1 moved to perch in nest tree
A1,A2	900	P2,P1	0	""	No change
A1	906	P1	0	""	A1 flew to nest with stick
A2	908	Fly/P2	0	""	A2 made a short flight, landed in nest tree
A2	909	Fly/P1	0	""	A2 makes a short flight, landed in nest

². 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

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ID	Time	Behavior	Disturbance		Notes /comments/Loc ²
			DI	Type	
A1	913	P2	0	""	A1 moves to perch in nest tree
A2	914	P2	0	""	A2 moves to perch in nest tree
A1.A2	915	P2,P2	0	""	Both perched in nest tree

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Sky Codes	
C	Clear
PC	Partly Cloudy
O	Overcast
D	Drizzle
R	Rain
S	Snow
SH	Sleet/hail
F	Fog/Haze

Wind Codes	Speed (mnh)	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 photos and additional notes and comments below:

Both adults actively building new nest with frequent flights to bring sticks back to the nest. Construction activity occurred up to the 660 fence and included excavators and other heavy equipment. Loud back up alarms were sounding during most of the observation period.

Date & Time: Thu, Nov 01, 2018, 08:15:55 MDT

