

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	10/17/2018	8:14 AM	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 CL Wind Code/Direction 0 - calm Temp (F) 40 44

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

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)
<i>*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.</i>	

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	
	8:14				Start from Del Corso Park
A1,A2	8:14	P1,P1	0	Hauling trucks, crews	Both adults perched in new nest
A2	8:15	Fly	0	"	A2 flies down to ground
A2	8:16	Fly/NC	0	"	A2 flies to nest with stick, A1 not visible
A2	8:18	Fly/P3	0	"	A2 flies to nearby trees south of nest tree
A1	8:19	Fly/NC	0	"	A1 flies to northern tree by 470, then back to nest
A1	8:22	Fly/NC	0	"	A1 flies to ground, then back with stick
	8:25			"	Observer moved south toward Carbon RD
A1,A2	8:30	Fly, P1	0	"	Adults in nest, then A1 flies north
A2	8:31	P1	0	"	A2 perched in nest
A1	8:33	Fly/NC	0	"	A1 flies to nest with stick
A2	8:34	P2	0	"	A2 moves to perch lower in nest tree
A2	8:37	Fly	0	"	A2 flies to ground below nest tree
A1,A2	8:39	Fly/P1	0	"	A2 flies to nest, A1 circles tree and lands in nest
A1,A2	8:43	Fly	0	"	Both adults fly to northern tree by 470
A1,A2	8:44:00	Fly/P1	0	"	Both adults fly back to the nest
A1,A2	8:45	P1,P1	0	"	Both adults perched in nest
A1	8:50	Fly	0	"	A1 flies south to the ground
A1,A2	8:51	P1,P3	0	"	A1 lands in nest, A2 perches in southern tree
A2	8:52	Fly	0	"	A2 flies and drops a stick, lands on fence

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

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	8:54		0	Hauling trucks, crews	A1 flies to northern tree, A2 flies to the nest
A1	8:56		0	"	A1 returns to the nest
A1,A2	8:58		0	"	Both adults fly low to northern tree by 470
A1,A2	9:00		0	"	A1 flies to nest, A2 perched on a fence post
A1,A2	9:02		0	"	A2 flies to ground below nest, joined by A1
A2	9:03		0	"	A2 flies to the nest
A2	9:05		0	"	A2 moves to different perch in nest tree
A1	9:07		0	"	A1 lands in nest
A2	9:10		0	"	A2 moves to the nest
A1,A2	9:15		0	"	Both adults perched 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 stand in or on the side of the nest is normal

Broomfield Bald Eagle Watch Data Sheet

Sky Codes	
C	Clear
PC	Partly Cloudy
O	Overcast
D	Drizzle
R	Rain
S	Snow
SH	Sleet/hail
F	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 photos and additional notes and comments below:

Summary:

Both adults observed in vicinity of nest tree most of observation period and actively making flights to gather nest building materials

Stick gathering observed near the nest tree and near the trees north of the nest nearer to E470

Construction focused in roughly the center of the project site and consisted of light hand crews, mini-excavators, and semi-trucks hauling materials around the site.

Date & Time: Wed, Oct 17, 2018, 09:15:03 MDT



Both adults observed in/near new nest.