

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	10/23/2018	4:58 PM	6:05 PM	RDB

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 **PC** Wind Code/Direction **1 from NW** Temp (F) **60**

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	1658	P2	0		From Carbon Rd.on branch below 2018 nest
A1	1700	P2	0		
A1/A2	1710	P2/P1	0	Construction *	from Del Corso Park - A1= Female
A1	1713	Fly	0	Construction *	A1 flies north - A2 stays at new nest
A1	1713	P3 - NV	0	Construction *	On ground out of view
A1	1717	Fly	0	Construction *	Flies toward nest
A1	1717	P1	0	Construction *	Lands directly in nest with talons full of grass - Appears to add to inner nest bowl
A2	1718	P2	0		Hops to perch above Nest Inc.
A1	1718	P2	0		Hops to perch next to A2
A1	1723	P2	0		Moves to end of branch
A1	1724	P2	0		Hops to a favorite perch below nest
A1	1725	P2	0	Prop plane	No change in either eagle
A2	1726	PR	0		Preens until 1729
A2	1729	P2	0		Stops preening
	1732		0	Only hear NWP	Move south 250 feet for observation
A1/A2	1733	PR/P1inc	0		A2 in Next incomplete (P1Inc)
A1	1736	P2	0		A1 stops preening

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
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A1/A2	1738	P2/P1 inc	0	Prop plane	Plane flies directly over - no change
A1/A2	1752	P2/P1 inc	0	Prop plane	Noise exceeds NWP traffic noise
A1	1753	PR	0		Preening
A1/A2	1753.5	P2/P1 inc	0		A1 stops preening
A1/A2	1754	P2/P1 inc	0	Air Horn from Apts	A1 briefly looks in direction of horn, but no overall change
A1	1755	PR	0		Preens briefly
A1/A2	1755	P2/P1 inc	0	2 prop planes	2 planes fly over - noise levels consistent w/ construction - no change from eagles
A1	1759	P2/P1 inc	0	Prop plane	No change from eagles
A1	1800	P2	0	RT Hawk	A1 vocalizes as RT hawk flies/perches just west of 2018 nest.
A1	1801	PR	0		Stops vocalizing and preens
A2	1802	AI	0	RT Hawk	A2 flies aggress. to chase RT hawk off
A2	1802	P2	0		A2 perches in nest tree
A1/A2	1805	P2/P2	0		End - both adults perched in nest tree
					Most of construction ended

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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

Sky Codes	
C	Clear
CC	Partly Cloudy
CCC	Overcast
CCDC	Drizzle
CCDC	Rain
CCDC	Snow
CCDC	Sleet/hail
CCDC	Fog/Haze

Please include photos and additional notes and comments below:

Both adults appear to be continuing construction on new nest (= Nest inc. or incomplete). Size of the nest now adequate to hold both adults and appears to be securely anchored to the tree. Construction = back hoe, 3 graders, 2 water trucks and numerous ground crews and pickup trucks. Numerous back-up alarms. Construction over the entire site and noise level fairly high at east end of Del Corso Park. Other ambient noise detected at east end of Del Corso Park at similar levels include constant rush hour traffic on NW Parkway (NWP) and very frequent propeller planes at relatively low elevations flying directly over or at slight angle to the nest. Appears that the open space areas surrounding the nest are a major flight path for the Rocky Mountain Metro Airport.

