

2018 Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	11/8/2018	1557	1715	RDB

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

Wind Code 1 Sky Code CL Temp (F) 40 33

Behaviors
P- Perched ¹
NI - Nest Incubating
NB - Nest Brooding
NC - Nest Const/Maint.
FS - Feeding Self
FY - Feeding Young
PR - Preening
FL - Fledging
SL - Sleeping
AI - Aggressive Interact.
Fly - to/from Nest/Perch
TE- Territory Flight
NV - Not Visible
C - Courtship/Copulate

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"> 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 an 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.*

ID	Time	3 min. obs.	Behavior	Disturbance		Notes /comments/Loc ²	Wind	
				Type	ID		Spd.	Dir.
A2/A1	1557	1557	P2/P2	Constr.	0	fr. Carbon Rd. A1 on arch, A2 below 2018 nest	1-3	W
		1600	P2/P2	Constr.	0	A2 = female, A1 = Male	1-3	W
		1603	P2/P2	Constr.	0	No change		
		1606	P2/P2	Constr.	0	No change		
		1609	P2/P2	Constr.	0	No change		
A2/A1	1610		P2/P2	Constr.	0	A2 hops to arch - A1 no change		
A2	1612	1612	Fly	Constr.	0	Flies low to south		
A2	1612.5		NV	Constr.	0	Lost visual behind terrain		
A2/A1	1614		Fly/P2	Constr.	0	A2 flies at A1 - A1 vocalizes		
A2	1614.5		P2	Constr.	0	A2 circles and lands above 2018 nest		
A1/A2	1615	1615	P2/P2	Constr.	0	Both perched above 2018 nest (blood on beaks)		
		1618		Constr.	0	No change		
		1621		Constr.	0	No change		
A1/A2	1623		P2/P2	Constr.	0	Both adults vocalize		
		1624		Constr.	0	No change		
		1627		Constr.	0	No change		
		1630		Constr.	0	No change	1-3	W
		1633		Constr.	0	No change		
		1636		Constr.	0	No change		

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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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

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

Please include additional notes and comments below:

Both adult eagles observed for nearly entire 78 minute observation. Adult male (A1) observed stealing prey (prairie dog) from red-tailed hawk and feeding self at the nest tree. Construction consisted of numerous trucks and heavy equipment throughout the construction site, including 4 dump trucks, 2 scrapers, 3 backhoes and multiple pickups and ground crews. All 4 dump trucks concentrated at 660-ft. line, dumping dirt and banging the bed of the truck to shake all dirt from the bed. Nearly constant back-up alarms sounding. No apparent reaction from either eagle to construction noise or activity. Other noise included multiple prop planes flying low and nearly directly over the nest and rush hour traffic on the NW Parkway. No reaction from either eagle.

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

Photo (s)



Both Adults above 2018 nest; male on right perched on the "arch"



Male (A1) feeding on prairie dog