

## 2019 Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	12/5/2018	7:25am	9:25am	TR

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

Wind Code 0-1 Sky Code PC Temp (F) 19 33

Behaviors
P- Perched <sup>1</sup>
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"> <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-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)
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 <sup>2</sup>	Wind	
				Type	ID		Spd.	Dir.
A1,A2	725	725	P1,P1	Constr.	0	Started Del Corso Park, both adults in nest	0-1	N
A1,A2		728	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		731	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		734	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		737	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		740	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		743	P1,P1	Constr.	0	No change, both adults in nest		
A1	745		Fly/P4	Constr.	0	A1 flew to Perch H		
A1,A2		746	P4,P1	Constr.	0	A1 in Perch H, A2 in nest		
A1	748		Fly/P1	Constr.	0	A1 flew to the nest with sticks		
A1,A2		749	P1,P1	Constr.	0	Both adults in nest, excavator operating at 660 fence		
A1,A2		752	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		755	P1,P1	Constr.	0	No change, both adults in nest	0	n/a
A1,A2		758	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		801	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		804	P1,P1	Constr.	0	No change, both adults in nest		
A1,A2		807	P1,P1	Constr.	0	No change, both adults in nest		
A1	808		Fly/P4	Constr.	0	A1 flew to Perch B		

<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 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


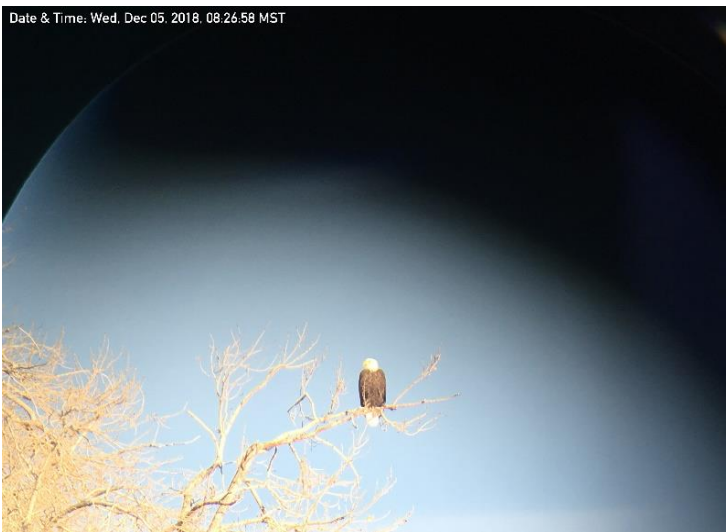
Plumage
Y - Young
JU - Juvenile
SU- Sub Adult
AD- Adult

**Please include additional notes and comments below:**

Both eagles were perched in the nest upon arrival at Del Corso Park. The adults were engaged in active nest building for most of the visit and made occasional flights to nearby trees or the wetland to gather sticks and cattails. One adult perched at Perch B for approximately half an hour, a large excavator was being operated along the 660 fence while it was in this perch. Construction was primarily focused at the west end of Zone B where buildings are being framed. An excavator was operated along the 660 fence for 15-20 minutes and several haul trucks dumped loads of dirt along the 660 fence during the observation period. No distress indicators were observed.

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

**Photo (s)**

 <p style="font-size: small; margin-top: 0;">Date &amp; Time: Wed, Dec 05, 2018, 07:42:19 MST</p>	 <p style="font-size: small; margin-top: 0;">Date &amp; Time: Wed, Dec 05, 2018, 08:26:58 MST</p>
Both adults perched in the nest.	A1 at Perch B along the railroad tracks.