

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	6/4/2018	8:25	1337	TR

Number of adult Bald Eagles detected	2
Number of nestlings detected	1
Number of fledglings detected	0

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

Wind Code 0-2 Sky Code CL Temp (F) 89

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

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)

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.*

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
A1,A2,Y1	825	P2,P2,P1	0	Adults perched in nest tree
A1,A2,Y1	830	P2,P2,P1	0	No change
A1	833	Fly/P1	0	A1 moved to nest perch
A1,Y1	835	FS,FS	0	A1/Y1 feeding on scraps in nest
A1,A2,Y1	845	FS,P2,FS	0	No change
A1,A2,Y1	900	FS,P2,P1	0	A1 still feeding
A1	905	Fly/P2	0	A1 flew to perch next to A2
A1,A2,Y1	909	P2,P2,P1	0	Work begins, no change
A1,A2,Y1	915	P2,P2,P1	0	No change
A1	925	PR	0	A1 preening next to A2
A1,A2,Y1	930	P2,P2,P1	0	No change
A1	953	P2	4	Sudden single chatter call - see notes
A1,A2,Y1	955	P2,P2,PR,P1	0	A2 preening, A1 appears calm
A1,A2,Y1	1000	P2,P2,P1	0	Adults appear calm, no distress signals
A1,A2,Y1	1015	P2,P2,P1	0	No change
A1,A2,Y1	1030	P2,P2,P1	0	No change
A1,A2,Y1	1045	P2,P2,P1	0	No change
A1,A2,Y1	1100	P2,P2,P1	0	No change
A1,A2,Y1	1115	P2,P2,P1	0	No change
A1,A2	1120	P2,P2	0	A1 and A1 switch perches
A1,A2,Y1	1130	P2,P2,P1	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

Please include additional notes and comments below:

At 9:53 A1 was perched next to A2 in the nest tree and gave off a sudden chatter call. At this time a mini-trencher was operating at the western end of the project site near the play ground. There was no indication that this call was a response to construction activity. No other disturbance indicators were observed at this time.

At 12:00 the mini-trencher was moved to the east side of the hay bale wall to begin installation of the silt fence along the eastern boundary of the project area. At 12:05 A2 gave a chatter call and both adults were intently staring at the operating equipment. At 12:06, A1 flew from its perch and circled over the work area where the equipment was being operated. Work was halted and equipment turned off at this point. A1 continued to circle and gradually flew higher and further east of the project area. A2 did not give additional distress calls and was seen preening about 15 minutes after work was halted. The work crew went to lunch and no construction activity took place from 12:06 to 1:00pm

Work resumed at 1:00pm, the workers used hand tools to complete the silt fence along the southern boundary of the project area. This work was done where the existing utilities are located and the trencher could not be operated. After completing this area at 1:37 construction was finished for the day and will be resumed tomorrow.