

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	6/12/2018	905	1545	RDB

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

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

 Wind Code **0-2**

 Sky Code **PC-CL**

 Temp (F) **64** **80**

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.*

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
A1/Y1	905	P2/P1	0	A1 = female below nest, Y1 flapping
A1/Y1	920	P2/P1	0	No change
A1/Y1	923	P2/P1	0	Construction trucks arrive
A1/Y1	935	P2/P1	0	No change
A1/Y1	950	P2/P1	0	No change
A1/Y1	955	P2/P1	0	Train - No reaction from eagles
A1/Y1	1000	P2/P1	0	Y1 moves to perch on arch, A1 no change
A1/Y1	1015	P2/P1	0	No change
A1/Y1	1030	P2/P1	0	No change
A2	1032	Fly	0	A2= male, Flies into nest w/ prey
Y1	1032	FS	0	Y1 drops to nest and feeds self
A2	1032	P1	0	
A2	1033	P1	0	Jumps up to arch
A2	1033	Fly	0	Soars high over nest
A1/Y1	1034	Fly/FS	0	A1 flies to south and returns
A1/Y1	1034	P2-NV/FS	0	Perches on east side of nest tree - NV
A2	1038	Fly	0	Still soaring - thermals with a red-tail
A2	1042	NV	0	Flies out of view high to north
A1/Y1	1045	P2/FS	0	Y1 still feeding
Y1	1046	P1	0	stops feeding jumps up to arch perch
Y1	1047	P1	0	Constr. equipment starts up - no reaction
Y1	1056	P1	0	Scraper start moving - no reaction

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
A1/Y1	1100	P2-NV/P1	0	No change
A1/Y1	1115	P2-NV/P1	0	No change (68°F)
A1/Y1	1130	P2-NV/P1	0	Observation stops for lunch/other work
Y1	1500	P1	0	Y1 on arch perch at the nest*
Y1	1515	P1	0	No change
Y1	1530	P1	0	Construction ends
Y1	1545	P1	0	No change - End observation (80°F)
* Per construction site supervisor, Y1 was fed by adult @ 1415				

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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:

Scraping activity begins at 10:56 - two scrapers, a large tractor and water truck are moving dirt from the midpoint of the property to the west

Normal nesting behavior observed during construction activity - neither the adults nor the eaglet reacted adversely to the activities and adults fed eaglet at least twice between 1032 and 1445