

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	5/24/2018	830	1700	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**

 Temp (F) **62-85**

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.*

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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	830	P1/P1	0	Both perched in nest - A1=female
A1/Y1	845	P1/P1	0	842 - workers arrive
A1/Y1	900	P1/P1	0	No change
A1/Y1	915	P1/P1	0	No change - work begins on wall
A1/Y1	930	P1/P1	0	No change
A2	934	Fly	0	A2 circling north of NW Parkway
A2	941	P1	0	A2 flies into nest with prey (mammal?)
A2	942	FY	0	A2 (male) feeds young - A1 still in nest
A2/A1/Y1	956	Fly/P1/P1	0	A2 flies off - A1/Y1 remain perched in nest
A2	958	P2 - NV	0	A2 perch in SE trees (NV), A1/Y1 remain in nest
A2	1025 -1029	Fly	0	A2 circles in thermals- Flies in w/ prey (fish)
A2	1029	FY	0	Feeds young - A1 vocalizes (begs?)
A1	1030	Fly	0	Flies off, circles nest
A2	1030	FY	0	Feeds young
A1	1031	P1/P1	0	Perches above nest - on arch
A1	1032	Fly	0	Jumps in nest, grabs large piece of fish and flies to north
A1	1032	P3	0	Lands on fence post in pasture
A1	1032	FS	0	Feeds self
A2/Y1	1032	FY	0	Male continues to feed young
A2	1034	P1	0	A2 moves to arch
Y1	1034	P1	0	Stops feeding

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
A2	1036	Fly	0	Swoops over A1 - retunes to arch
A1	1036	Fly	0	Circles past nest
A2	1037	Fly	0	Flies off
A1	1037	P1	0	Lands on nest with small piece of fish
A1	1038	FY	0	
A2	1038	P2	0	Perches below nest - Out of view
A1/Y1	1042	P1/P1	0	A1 stops feeding young
A1	1043	FS	0	Feeds self remaining scraps
A1	1045	P1	0	Perches on arch
A1/Y1	1050	P1/P1	0	A1 spreads wings to shade Y1
A1/Y1	1056	P1/P1	0	A1 Fold wings
A1/Y1/A2	1100	P1/P1/P2	0	No change
A1/Y1/A2	1115	P1/P1/P2	0	No change
A1/Y1/A2	1130	P1/P1/P2	0	No change
A1/Y1/A2	1145	P1/P1/P2	0	No change
A1/Y1/A2	1200	P1/P1/P2	0	No change
A1/Y1/A2	1215	P1/P1/P2	0	No change
A1/Y1/A2	1230	P1/P1/P2	0	No change
A1/Y1/A2	1245	P1/P1/P2	0	No change
A1/Y1/A2	1300	P1/P1/P2	0	No change
A1/Y1/A2	1315	P1/P1/P2	0	No change
A1/Y1/A2	1330	P1/P1/P2	0	No change
A1	1342	P1	0	A1 open wings and brood patch - heat dissipation
A1	1343	P1	0	Returns to normal position
A1	1345	P2	0	Drops to perch below nest- out of view
A1/Y1/A2	1400	P2/P1/P2	0	Western kingbird stoops at Y1 in nest
A1/Y1/A2	1415	P2/PR/P2	0	Y1 preens
Y1	1416	P1	0	Stops preening
A1/Y1/A2	1430	P2/P1/P2	0	Y1 mouth agape 3 min., but not panting
A1/Y1/A2	1445	P2/Y1/P2	0	No change

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ID	Time	Behavior	Disturbance	Notes /comments/Loc ² .
A1/Y1/A2	1500	P2/P1/P2	0	No change
Y1	1508	P1-SL	0	Y1 lays down (sleeps?)
Y1	1510 - 12	P1-SL	Train	No reaction
A1/Y1/A2	1515	P2/P1/P2	0	No change
A1/Y1/A2	1530	P2/P1/P2	0	No change
A1/Y1/A2	1545	P2/P1/P2	0	No change
A1/Y1/A2	1600	P2/P1/P2	0	Y1 flaps/exercises wings
A1/Y1/A2	1615	P2/P1/P2	0	No change
A1/Y1/A2	1630	P2/P1/P2	0	No change
A1/Y1/A2	1634	P2/P1/P2	Train	No reaction
A1/Y1/A2	1645	P2/P1/P2	0	No change
A1/Y1/A2	1700	P2/P1/P2	0	End - No change

Please include additional notes and comments below:

Normal behavior throughout the day with continues work on the wall involving 2-3 workers, light equipment (bobcat/lift, truck with trailer) staking hay bales and installing braces.

1025 A2 apparently flew from perch unnoticed and captured prey. Between 1025 to 1029, A2 circling from SE gaining altitude in thermals. Circles over soccer field and the east half of the Calibre property - no vocalizations or abnormal behavior

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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