

## Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	5/25/2018	825	1630	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  Sky Code  Temp (F)

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)</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)

*\*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 <sup>1</sup>
P- Perched <sup>2</sup>
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 <sup>2</sup>
Y1	825	P1	0	No adults observed
A1	828	P2	0	Located A1 in nest tree
A1,Y1	830	P2,P1	0	No change
A1,Y1	835	P2,P1	0	No change
A1,Y1	839	P2,P1	0	No change
A1,Y1	845	P2,P1	0	No change
A1,Y1	900	P2,P1	0	No change
A1,A2,Y1	909	P2,Fly,P1	0	A2 lands in nest
A1,A2,Y1	910	P1,P1,P1	0	All perched in nest
A1,A2,Y1	913	P1,Fly,P1	0	A2 flies off to the east
A1,A2,Y1	915	P1,NV,P1	0	A2 flew out of sight
A1,Y1	930	P1,P1	0	A1/Y1 perched on nest
A1,Y1	945	P1,P1	0	No change
A1,Y1	1000	P1,P1	0	No change
A1,Y1	1007	P1,P1	0	No change
A1,Y1	1015	P1,P1	0	No change
A1,Y1	1030	P1,P1	0	No change
A1,Y1	1045	P1,P1	0	No change
A1,A2,Y1	1052	P1,Fly,P1	0	A2 lands in nest with prey
A1,A2,Y1	1054	P1,FY,FS	0	A2 feeding young, Y1 feeding self
A1,A2,Y1	1055	Fly,P1,FS	0	A1 flies off nest, Y1 feeding self

<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 stand in or on the side of the nest is normal

Behaviors <sup>1</sup>
P- Perched <sup>2</sup>
NI - Nest Incubating (1)
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ID	Time	Behavior	Disturbance	Notes /comments/Loc <sup>2</sup>
A1,A2,Y1	1100	P3,FY,FS	0	A1 landed in non nest tree
A1,A2,Y1	1108	P3,P2,P1	0	A2 moved to perch on east side of nest tree
A1,A2,Y1	1115	P3,P2,P1	0	A1/A2 not visible but have not moved
Y1	1130	P1	0	Y1 in nest perch
Y1	1145	P1	0	Y1 in nest perch
Y1	1200	P1	0	Y1 in nest perch
Y1	1204	P1	0	Y1 in nest perch
A1,Y1	1205	FY,FS	0	A1 landed in nest, feeding cache
A1,Y1	1210	P1,P1	0	A1/Y1 perched in nest
A1,Y1	1215	P1,P1	0	A1/Y1 perched in nest
A1,Y1	1230	P1,P1	0	A1/Y1 perched in nest
A1,Y1	1231	Fly, P1	0	A1 flew perch in non-nest tree
Y1	1245	P1	0	A1/A2 not visible on perches
Y1	1300	P1	0	No change
Y1	1315	P1	0	No change
Y1	1330	P1	0	No change
Y1	1345	P1	0	No change
Y1	1400	P1	0	No change
Y1	1415	P1	0	No change
Y1	1430	P1	0	No change
Y1	1445	P1	0	No change
Y1	1500	P1	0	No change
Y1	1515	P1	0	No change
A1,A2,Y1	1521	P2,P2,P1	0	A1/A2 moved to visible perches in nest tree
A1,A2,Y1	1530	P2,P2,P1	0	No change
A1,A2,Y1	1542	P2,Fly,P1	0	A2 flew off north soaring high
A1,A2,Y1	1545	P2,Fly,P1	0	No change
A1,A2,Y1	1600	P2,NV,P1	0	A2 flew out of sight
A1,Y1	1615	P2,P1	0	No change
A1,Y1	1617	P2,P1	0	No change
A1,Y1	1630	P2,P1	0	No change

<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;

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### Broomfield Bald Eagle Watch Data Sheet

Sky Codes	
CL	Clear
PC	Partly Cloudy
OC	Overcast
DR	Drizzle

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

RA	Rain
SN	Snow
SL	Sleet/hail
FH	Fog/Haze

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:**