

## Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	5/21/2018	800	1039	RDB

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

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 <b>any construction or human activity that may be responsible for the distress call, must be halted or modified immediately.</b>	

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>
A1	800	P1	0	Perched in nest
A1	803	P1	0	No change
A1	806	P1	0	No change
A1	809	P1	0	No change
A1	812	P1	0	No change
A1	815	P1	0	No change
A1	818	P1	0	No change
A1	821	P1	0	No change
A1	824	P1	0	No change
A1	827	P1	0	No change
Y1	830	P1	0	Visible in nest
A1/Y1	833	P1/P1	0	No change
A1/Y1	836	P1/P1	0	No change
A1/Y1	839	P1/P1	0	No change
A1/Y1	842	P1/P1	0	No change
A1/Y1	845	P1/P1	0	No change
A1/Y1	848	P1/P1	0	No change
A1/Y1	851	P1/P1	0	No change
A1/Y1	854	P1/P1	0	No change
A1/Y1	857	P1/P1	0	No change
Y1	900	SL	0	Y1 lays down in nest

<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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ID	Time	Behavior	Disturbance	Notes /comments/Loc <sup>2</sup> .
A1	900	P1	0	
A1/Y1	903	P1/SL	0	No change
A1/Y1	906	P1/SL	0	No change
A1/Y1	909	P1/SL	0	No change
A1/Y1	912	P1/SL	0	No change
A1/Y1	915	P1/SL	0	Survey crew - No change
A1/Y1	918	P1/SL	0	No change
A1/Y1	921	P1/SL	0	No change
A1/Y1	924	P1/SL	0	No change
A1/Y1	927	P1/SL	0	No change
A1/Y1	930	P1/SL	0	Survey crew out of area - No change
A1/Y1	933	P1/SL	0	No change
A1/Y1	936	P1/SL	0	No change
Y1	938	P1	0	Stands up
A1/Y1	939	P1/P1	0	Y1 flaps wings, nearly fully feathered
A1	942	PR	0	A1 preens- survey crew with truck
Y1	942	P1	0	Y1 flaps wings and jumps
A1/Y1	945	P1/P1	0	Survey crew out of area
A1/Y1	948	P1/SL	0	Y1 lays down
A1/Y1	951	P1/P1	0	Y1 stands up
A1/Y1	954	P1/P1	0	Survey crew at SE corner- no change
A1/Y1	957	P1/P1	0	No change
A1/Y1	1000	P1/P1	0	No change
A1/Y1	1003	P1/P1	0	Survey crew out of area - No change
A1/Y1	1006	P1/SL	0	Y1 lays down
A1/Y1	1009	P1/SL	0	No change
A1/Y1	1012	P1/SL	0	No change
A1/Y1	1015	P1/SL	0	No change
A1/Y1	1018	P1/SL	0	No change
A1/Y1	1021	P1/SL	0	No change
A1/Y1	1024	P1/SL	0	No change
A1/Y1	1025	P1/SL	0	Train passes by - No change
A1/Y2	1027	P1/SL	0	No change
A1/Y3	1030	P1/SL	0	No change
A1/Y4	1033	P1/SL	0	No change
A1/Y5	1036	P1/SL	0	No change
A1/Y6	1039	P1/SL	0	No change - End Survey

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## Broomfield Bald Eagle Watch Data Sheet

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:

Survey crew consisting of two members and a pickup truck in area for about 1 hour - no reaction from eagles