

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	9/4/2018	1605	1935*	RDB

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

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

Wind Code Sky Code Temp (F)

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 Indicator	Notes /comments/Loc ²
0	1605		0	Construction consists of 2 front loaders
0	1608		0	3 backhoes, 1 grader and 1 water truck
0	1611		0	Entire area searched walking along sidewalk
0	1614		0	
0	1617		0	
0	1620		0	
0	1623	Vocalize	0	5 eagle vocalizations (calls) heard in vicinity of nest tree
0	1624		0	Calls stop - searching area could not get a visual on any eagles
0	1627		0	
0	1629	Vocalize	0	4 calls again heard near nest tree - possibly from 2 individual eagles
0	1630 - 1650		0	No eagles observed, additional calls
0	1650		0	End observation from park
0	1655-1700		0	Scope area from 104th Street - sun angle impedes observations
0	1700-1900*		0	*Curtail observations for meeting
0	1900-1935		0	Resume observations - no eagles observed
0			0	

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:

No eagles observed during two observations periods, but eagle vocalizations heard, presumably from back side (east side) of nest trees. Searching the areas with a spotting scope from the east side (104th Street) was severely impeded by the angle of the sun. A second monitoring period from 7:00 pm until dusk also did not observe eagles and no vocalizations heard.