

Broomfield Bald Eagle Watch Data Sheet

Site Code	Date	Start Time	End Time	Observer
SL	8/17/2018	1600	1830	RDB

Number of adult Bald Eagles detected	1
Number of nestlings detected	
Number of fledglings detected	0

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
A1	1600	P1	0 - train	Perched on arch over nest
A1	P1	P1	0 *	* Construction - see below
A1	1606	P1	0	
A1	1609	P1	0	
A1	1612	P1	0	
A1	1615	P1	0	
A1	1618	P1	0	
A1	1621	P1	0	
A1	1624	P1	0	
A1	1627	P1	0	
A1	1630	P1	0	
A1	1633	P1	0	
A1	1636	P1	0	
A1	1639	P1	0	
A1	1642	P1	0	
A1	1645	P1	0	
A1	1648	P1	0 - train	No reaction from eagle
A1	1651	P1	0	
A1	1654	P1	0	
A1	1655	Fly	0	Flies to ground
A1	1655	P2	0	Hops along berm of ditch

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

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
A1	1657	walk	0	Walks down into ditch
A1	1657	walk	0	Reappears on berm
A1	1658	walk - NV	0	Walks back into ditch and out of view
A1	1700	NV	0	No Change
A1	1701	P3	0	Reappears on berm
A1	1703	Fly	0	Flies to east side of south tree
A1	1703	P3	0	Perches
A1	1703	NV	0	Perched out of view
A1	1706	NV	0	No Change
A1	1709	NV	0	No Change
A1	1712	NV	0	No Change
A1	1715	NV	0	No Change
A1	1718	NV	0	No Change
A1	1721	NV	0	No Change
A1	1724	NV	0	No Change
A1	1727	NV	0	No Change
A1	1730	NV	0	No Change
A1	1733	NV	0	No Change
A1	1736	NV	0	No Change
A1	1739	NV	0	No Change
A1	1742	NV	0	No Change
A1	1745	NV	0	No Change
A1	1748	NV	0	No Change
A1	1751	NV	0	No Change
A1	1754	NV	0	No Change
A1	1757	NV	0	No Change
A1	1800	NV	0	No Change
A1	1803	NV	0	No Change
A1	1806	NV	0	No Change
A1	1809	NV	0	No Change
A1	1812	NV	0	No Change
A1	1815	NV	0	No Change
A1	1818	NV	0	No Change
A1	1821	NV	0	No Change
A1	1824	NV	0	No Change
A1	1827	NV	0	No Change
A1	1830	END		No Change

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 stand in or on the side of the nest is normal

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:

Adult perched at nest on arrival

* Construction consisted of a grader, 2 backhoes, 1 front loader and a water truck, numerous pickups and workers on foot

17:30 most construction shuts down - 2 backhoes remain - 17:45 all construction shuts down

Adult observed on the ground and entering ditch and out of view - possibly bathing?.

Goodhue ditch to west of project area not flowing but contains water from previous day storms