

Visit metadata			
Project ID		GPS Unit Accuracy (m)	
Sample Station ID		*Access Method	Foot / ATV / Argo / Truck / Snowmobile / Horse / Helicopter / Boat / NULL
Camera Location ID			
Latitude or Northing		Deployment Crew (list full names)	
Longitude or Easting			
UTM zone		Deployment Start Date Time (24hr) DD-MMM-YYYY HH:MM:SS	
Equipment information		Placement	
Camera ID		Camera Height (m) (0.5-1 m; record to the nearest 0.05 m)	
Camera Make		*Camera Direction (degrees) (Ideally north, if other explain in comments)	
Camera Model			
Camera Serial Number		*Camera Attachment	Tree / Post / Tree + Bungee/Strap / Tree + Screws / Post + Bungee/Strap / Post + Screws / Other†
*SD Card ID	*Key ID		
*Security Security Box / Bracket / Bracket + Screws / None		*Stake Distance (m)	
Camera settings		FOV Target Feature (circle one) Game Trail / Hiking Trail / Off-Highway Vehicle Trail / Paved Road / Dirt/Gravel Road / Road Crossing ¹ / Railway / Cutline/Seismic Line / Transmission Line / Pipeline / Wellsite / Culvert / Beaver Dam / Burrow/Den / Nest / Carcass ² / Natural Mineral Lick / Rub Post / Other† / None / NULL	
Trigger Mode(s) (circle all that apply) Motion / Time-lapse / Video			
*Video Length (seconds)			
Trigger Sensitivity (circle one) Low / Low/Med / Med / Med/High / High / Very High / NULL			
Photos Per Trigger		FOV Target Feature Distance (m) (to the nearest 0.05 m)	
Motion Image Interval (seconds)		Bait/lure Type (circle one)	Scent / Meal ³ / Bait Tree / Visual / Acoustic / Other‡ / None
Quiet Period (seconds)			
Site characteristics			
*Camera Location Characteristic(s) (circle all that apply)	Trail / Road / Railway/Pipeline/Transmission Line / Cutline/Seismic Line / Wellsite / Clearcut / Building / Forest - Deciduous / Forest - Mixedwood / Forest - Conifer / Forest - Undefined / Meadow / Burn / Agriculture / Shrubland / Beaver Dam / Wetland / Lentic / Lotic / Other† / NULL		*Deployment Area Photos Taken (circle one; photo order: datasheet, N, E, S, W) Y / N
			*Deployment Area Photo Numbers (list photo numbers)
Equipment checks			
*Test Image Taken (circle one; see Test Image Sheet next page)	Y / N	*Walktest Distance (m) (to the nearest 0.05 m)	
		*Walktest Height (m) (to the nearest 0.05 m)	
*Walktest Complete (circle one)	Y / N	*Camera Active On Departure (circle one)	Y / N
*Camera Location Comments			
*Deployment Comments			

* Optional and not required by the Wildlife Camera Metadata: Standards for Alberta (RCSC, 2022)

† The option should be described in the Camera Location Comments

‡ The option should be described in the Deployment Comments.

Notes: Abbreviations: Y = yes; N = no.

***Access Method:** record the method used to reach the camera location.

Bait/lure Type: record the type of bait or lure used at the camera location. If "Other," describe in the Deployment Comments.

²Carcass [FOV Target Feature]: not placed by the crew as bait/lure.

***Camera Active On Departure:** record whether a camera was functional upon departure.

***Camera Attachment:** record the method/tools used to attach the camera. If "Other," describe in Camera Location Comments.

***Camera Direction (degrees):** record the cardinal direction that a camera faces. Ideally, cameras should face north (N; i.e. "0" degrees), or south (S; i.e. "180" degrees) if north is not possible. The camera direction should be chosen to ensure the field of view (FOV) is of the original FOV target feature.

Camera Height (m): record the height from the ground (below snow) to the bottom of the lens (in metres to the nearest 0.05 m).

Camera ID: record the unique alphanumeric ID for the camera that distinguishes it from other cameras of the same make or model.

***Camera Location Characteristics:** record any significant features around the camera at the time of the visit. Camera Location Characteristics differ from FOV Target Features in that Camera Location Characteristics could include those not in the camera's FOV. If "Other," describe in the Camera Location Comments.

***Camera Location Comments:** comments describing additional details about a camera location.

Camera Location ID: record the unique alphanumeric identifier for the location where a single camera was placed (e.g., "BH1").

Camera Make: record the make (i.e., the manufacturer) of the camera deployed (e.g., "Reconyx" or "Bushnell").

Camera Model: record the model number of the camera deployed (e.g., "PC900" or "Trophy Cam HD").

Coordinates: coordinates for the camera location should be taken from the GPS with five decimal places and in decimal degrees if using latitude/longitude or including UTM zone if using easting/northing.

Deployment Crew: record the first and last names of the individuals who collected data during the deployment visit.

***Deployment Area Photos Taken / Deployment Area Photo Numbers:** images of the area where the camera was deployed. Record the image numbers from a camera or phone. If not applicable, enter "NULL."

***Deployment Comments:** comments describing additional details about the deployment.

Deployment Start Date Time (DD-MMM-YYYY HH:MM:SS): the date and time that a camera was placed for a specific deployment.

FOV Target Feature: record the specific man-made or natural feature at which the camera is aimed to maximize the detection of wildlife species or to measure the use of that feature. If "Other," describe in the Camera Location Comments.

***FOV Target Feature Distance (m):** record the distance from the camera to the FOV Target Feature (in metres to the nearest 0.05 m). If not applicable, enter "NULL."

GPS Unit Accuracy (m): record the margin of error (in metres) of the GPS unit used to record spatial information (e.g., if the margin of error is +/- 3.5 m, record 3.5 m).

***Key ID:** record the unique ID for the key or set of keys used to lock/secure the camera to the post, tree, etc.

³*Meal [Bait/lure Type]: including carcass placed by the crew.

Motion Image Interval (seconds): record the time (in seconds) between events (triggers) that occur due to motion, heat, or triggering of external trigger devices. If a Motion Image Interval was not set, enter "0" seconds (i.e., instantaneous).

Photos Per Trigger: record the number of photos taken each time the camera was triggered.

Project ID: record the unique alphanumeric identifier for the project (e.g., "UofA_WildEdmonton-Urban-Wildlife-Monitoring_2018").

Quiet Period (seconds): record the time (in seconds) between shutter "triggers"; that is, if the camera was programmed to pause between firing initially and firing a second time. If a Quiet Period was not specified, enter "0."

¹Road crossing [FOV Target Feature]: e.g., overpass, underpass, or bridge.

Sample Station ID: record the sequential alphanumeric identifier given to each camera location within a grouping of two more non-independent camera locations when cameras are deployed in clusters, pairs or arrays (e.g., "SS1" in "SS1-BH1," "SS1-BH2," "SS1-BH3," and "SS1-BH4"). If not applicable, enter "NULL."

***SD card information / Battery %:** record the ID label on the SD card (e.g., "CMU-100"). Note the card status (% FULL) and remaining battery power. Toggle through options to find STATUS to record the # of photos (differs for different Camera Models).

***Security:** record the equipment used to secure the camera.

***Stake Distance (m):** record the distance from the camera to the stake (in metres to the nearest 0.05 m). If not applicable, enter "NULL."

***Test Image Taken:** record whether a test image (i.e., an image taken from a camera after it has been set up to provide a permanent record of the visit metadata) was taken. Arm the camera and walk towards the camera from ~5 m in front while holding the Test Image Sheet (see next page).

Trigger Mode(s): record the camera settings that determine how the camera will trigger: by motion ("Motion Image"), at set intervals ("Time-lapse image"), and/or by video ("Video"; possible with newer camera models, such as Reconyx HP2X).

Trigger Sensitivity: record how sensitive a camera is to activation ("triggering") via the infrared and/or heat sensors (if applicable). If the Trigger Mode is set to Time-lapse or if the camera does not have a sensitivity setting, circle "NULL."

***Video Length (seconds):** if recording video, note the video length selected in seconds. If not applicable, enter "NULL."

***Walktest Complete:** indicate whether a walktest was performed to ensure the Camera Height, tilt, etc., adequately captures the desired detection zone. Put the camera in "walktest" mode and move your hand along detection bands at ~5 m from the camera. Motion is detected when the red walktest light flashes.

***Walktest Distance (m):** record the horizontal distance at which the crew performs the walktest (in metres to the nearest 0.05 m). If not applicable, enter "NULL."

***Walktest Height (m):** record the vertical distance at which the crew performs the walktest (in metres to the nearest 0.05 m). If not applicable, enter "NULL."