

DATE	DAILY HOURS FLOWN	WOLF HOURS	CARIBOU HOURS	TOTAL HOURS	COMMENTS FOR THE DAY
24-Jan-23	0.5	0.5		0.5	Clear, good vis, poopr snow conditions, +6 degrees. Searched into the zone from the east. Searched Cheslatta Lake and River, to Takysie. Old tracks of unknown number found halfway down Cheslatta Lake on south shoreline. Old single track found near west end of Cheslatta Lake as well.
25-Jan-23	6.3	6.3		6.8	Overcast, cloudy periods. Windy. Up to +9 degrees. Searched to Double Box Ranch. Observed old tracks along east side of Ootsa of unknown number of wolves. Checked fuel and topped up at the ranch. Searched and located tracks of 3 wolves at junction of Ootsa and Intata. Tracked for the fuel cycle on Ootsa and into the regen blocks west of Ootsa across from the ranch. Unable to track them out prior to refueling. Searched Ootsa thru to the top of Cheslasie Arm and s/e to the mouth. Located older tracks of two along Cheslasie and up into the hills above. Lack of snow prevented us from tracking further. Searched Euchu to Nataalkuz and Intata. Beeped in and located 81232 just northeast of Dehorn Hill. Located a moose kill that they had made. It appears that up to two other wolves are with this collar. Unable to track out in this regen prior to needing to head to Takysie for the day.
26-Jan-23	6.1	6.1		12.9	Overcast, 7 degrees, rain. Searched to Ootsa, Andrew's Bay, Tahtsa Reach. Old tracks of unknown number near Tahtsa mouth. Porkchop Island, Whitesail, Skins, Marilla (old tracks on a small lake in area), Chief Louis Arm, Intata. Refuel. Located 3 wolves on Intata, near the fuel / ranch and euthanized complete pack. Searched Nataalkuz, Newstubb, Chedakuz, Tatalkuz, Tsacha, Tsilbekuz, Naglico, Moose, Johnny, Cow, Entiako. Located tracks of 4 wolves on Entiako. Tracked them out and shortly located. Euthanized complete 4 pack. Searched to Bryan Arm, Tetachuck east, Ootsa to fuel. Refueled and searched to Dehorn Hill to check on 81232. Still in area, unable to track them there. Cheslasie River to Takysie for the day.
27-Jan-23	6.0	6.0		18.9	Clear, a few degrees above and below zero degrees. Searched north of Cheslatta, Ootsanee, Tyee Butte then got called by fixed wing to where they located a kill site on southside of Ootsa. Arrived in the vicinity of Ootsa elbow and located the kill. Observed at least six grey wolves (later thought / confirmed to be eight by howling) and collared one female (#84105). Fired up and managed to euthanize three other gray wolves. Landed to howl and estimate 4 others left in the pack, plus the collar. Searched to Francois, Nadina river mouth, Tatalrose, to Takysie Highlands and fuel. Searched to Sabina, Nutli, Blanchette, Eutsuk, Wahla, Nahlouza, Qualcho, Gatcho, Eliguk, West Road River, Laidman, Fawnie Nose, Swannell, Euchu Reach, Cheslasie Arm, Intata, Marilla to Takysie for the day.
28-Jan-23	6.5	6.2	0.3	25.4	Clear, -12. Searched to Cheslasie River, Tetachuk, Eutsuk, Oppy, Capt Harry, Entiako, Fawnie, Intata. Fueled at Ranch. Departed and got a call from fixed wing with report of 5 wolves. Proceeded to the location at the edge of the zone south af Tatalrose. With help from the fixed wing, located a pack of at least 5 gray wolves. Collared a gray male (#81235) and euthanized 3 other grays. Likely one wolf left, plus the collar. Searched to Francois, Nadina River, Fish Lake, Mosquito Hills, Andrew's Bay, Whitesail, Windy Point. Beeped #84105 near Wistaria (observed alone still) and searched to Takysie and fuel.
29-Jan-23	5.4	5.1	0.3	30.8	Clear and -29 in morning, up to -11 later. Searched direct to an area just west of Captain Harry Lake to beep in a caribou. Located a group of 6. Two calves, two cows and two bulls. Netted one that resulted in Mort TC1 at N53.11247 / W125.89967. Mort Kit collected. BC Ministry Rep - S. J. presided. Conditions were good, net was good, unfortunately the cow sustained a femur break which necessitated euthanization. Direct to Takysie to process samples and file report. Refueled and searched to Uduk, Chief Louis, Sabina, Ghitezli, Glatheili, Whitesail Rerach, Andrew's Bay, Nadina Highlands, Tatalrose. Beeped 81235, but did not observe any wolves except the collar. Searched to Takysie. Refueled. Searched direct to Marilla to a fixed wing reported killsite. Appears to be a coyote killed deer fawn. Searched Ootsa to Skins, and to Takysie for the day.
30-Jan-23	5.4	5.4		36.2	Overcast and -12. Searched direct to Cow Lake are for fixed wing report yesterday afternoon of a single black wolf. Located a single black canid on Cow Lake and dropped the doors. Dropped in on it and discovered a gorgeous black fox. :) Searched back north across Cheslasie Arm, Intata, Ootsa to Takysie. Beeped in collar 81232 and located one gray wolf with it, which was euthanized. Unable to locate any other out tracks besides the collar. Are unsure if there is one left or not, with the collar. Will revisit another day. Searched Intata, Nataalkuz, to Tsacha, Tsilbekuz, Lampert Place, Naglico, Laidman, Cheslasie to fuel at Double Box. Searched to Takysie.
31-Jan-23	5.8	4.8	1.0	42.0	Overcast, -2. Searched direct to Ootsa and to the Windy Point collar #84105, near Fish Lake. Beeped it in and located the pack back with it. Tracked out and euthanized 7 gray wolves traveling with the collar. There were more in this pack than original thought. I think that there is now only the collar remaining. Searched Ootsa to the fuel at Double Box. Refueled and searched to a fixed wing reported killsite on south west Francois Lake. Turned out to be a moose that had fallen through the lake ice and had been scavenged by coyotes. Searched to Mt Wells lowlands to look for caribou at that location. Tested snow conditions and found the snow to be rock hard and not desirable for caribou collaring. Searched then to southeast of Chief Louis Lake and beeped in a group of caribou there. Collared a cow (#87605) at that location. Appeared to be apx 10 caribou at that location of a 30 to 40 acre island of green pine, within thousands of acres of burnt forest. Searched then to a location south of Tetachuck / north of Capt Harry and beeped in a caribou group. Observed at least 20 caribou in the vicinity of the collar. Attempted to collar one, but the few small openings did not allow us to get a net on one, before needing to go for fuel. Searched to the ranch for fuel and on to Takysie for the day.
1-Feb-23	1.8	1.8		43.8	Snowing and zero degrees at Takysie. Intermittent sun / clouds and +3 all areas south Marilla. Searched to Marilla, Ootsa, Cheslasie Arm, over Eutsuk, Entiako, Cow Lake, Eliguk, Blackwater drainage, Intata, Tatalrose to Takysie. Short day as we are having a net gunner crew change this afternoon.
2-Feb-23	6.2	6.2		50.0	Overcast. -6 degrees. Searched to Tatalrose collar (#81235) and located the remaining pack member with it and euthanized the gray wolf. Searched to Ootsanee, Tyee Butte, Cheslatta to Double Box. Refueled and searched Intata, to Cheslasie Arm. Located the tracks of the two pack on Cheslasie Arm. Tracked them out and located the two gray wolves near the mouth. Euthanized both. Searched Tetachuk, Eutsuk, Nahlouza, Qualcho, Gatcho, Eliguk to Lampert's for fuel. Refueled and fixed wing reported killsite on west Tsacha. Located the kill site and tracks of apx 10 wolves. Tracked them up and down Tsacha Lake for a couple hours. Unable to locate an out track due to snow conditions. Will return another day. Searched direct to Double Box for fuel, then to Takysie for the day.
3-Feb-23	4.6	4.5	0.1	54.6	Overcast, rain / snow and up to +8 in the south. Searched to Chief Louis to check mort signal on caribou. Found the caribou and all appeared in order, live and well. VHF beeps were normal, not in mort mode. Searched Intata, Entiako, Cow, Johnny, Moose to Tsacha Lake. Found the pack at Tsacha out on the ice and was able to confirm that there were 8 wolves in the pack. Euthanized 5 and collared 1. Two wolves remaining with the collar for another day. To fuel at Lampert's and to Takysie.

4-Feb-23	6.9	6.6	0.3	61.5	Overcast / Partly Cloudy. -1 to +7 degrees. Searched to Eutsuk Peak to look for caribou at that location. Caribou tracks located but only ended up finding 4 bulls up there. Searched to Blanchett and rendezvous with fixed wing. Searched thru upper Entiako, Upper Blackwater, Tsacha Lake. Located 84104 at the east end of Tsacha, but unable to action due to fuel. It appears that there are three wolves left with him, not just two as previously thought. Searched to fuel at Double Box. Searched to killsite called in by fixed wing. Turned out to be a coyote killed mule deer. Searched Newstubb, to Cheslatta. Located old tracks of two wolves on Cheslatta at the mouth of Ootsanee Creek. Tracked them north until needing to return to camp for the end of day.
5-Feb-23	5.8	5.8		67.3	Partly cloudy. -3 to +3. Searched to Marilla, Ootsa. Returned to tracks on the north Cheslatta highlands. Tracked out three wolves. Collared a gray male (#45402). Tracked out and euthanized two grays with it. The area we found them was heavily tracked out with fresh tracks. We think that there is only the collar left, but will check the collar again in a couple days. Refueled and searched to Tsacha to beep in #84104. Located them at the east end of Tsacha and euthanized one gray female with the collar. We believe there are two left with the collar, based on tracks from yesterday. Searched to Kenney Dam / Cicuta Lake area and located tracks of at least two, and maybe three, wolves heading west. Tracked them to an area south of Lucas Lake, before needing to head to refuel for the day.
6-Feb-23	5.2	5.0	0.2	72.5	Cloudy and up to +11 degrees. Winds 30 to +50 km/hr. Searched to Chief Louis area to beep in caribou #81228. Located her in a small patch of unburnt pine in a group of 7 with 3 calves, 2 cows and another adult caribou. As such, and also because they were a long ways from any suitable capture area at very warm temperatures, we did not attempt to deploy another collar to the group. Searched to Lucas Lake area to continue tracking wolves from yesterday. Located an old and vacated kill site and tracked the wolves over to the shores of Nataalkuz. Searched extensively but we were unable to locate them after that with the lack of any or decent snow on the lake and in the bush in the vicinity. Searched Intata, Marilla to fuel / camp.
7-Feb-23	2.5	2.0	0.5	75.0	Whiteout / heavy snow & fog in the morning until after lunchtime. Searched Marilla, Intata, Ootsa to collar #81235. Found the collar plus one in small timber patches and open ground. Was able to determine that only two wolves were there and euthanized one gray female wolf travelling with the collar. Confident that there are no additional Tatalrose Pack members now besides the collared male. Searched to Chief Louis Lake area and beeped in #81299, which had a failing collar. As per <span style="color: red;">c</span> we recaptured and recollared this caribou (WLID #21-2170). Removed Blue collar #18 (81299) and installed Red collar #26 (81230). Searched to ranch fuel and then to camp for the day.
8-Feb-23	6.8	6.8		81.8	Clear / overcast, 0 degrees. Searched to Cheslatta and found single wolf track. Tracked it into the highlands to the south and back near the lake. Unable to track it out of an extensive regen patch. Located tracks of maybe two in the Davidson Lake area, west of Bird Lake. Located #81232 in the vicinity. Unsure if the tracks are his, or a separate 2 pack. Unable to locate before heading for fuel. Searched to Lamperet's fuel and to Tsacha. Located tracks of 84104 and at least one additional wolf. Found them back at the west end of Tsacha and euthanized one gray wolf with the collar. Searched direct to Cheslasie Arm and Ranch furl, to Takysie.
9-Feb-23	5.8	4.8	1.0	87.6	Overcast, windy, 0 to +6. Searched direct to My Wells Gray to look for caribou but ceiling and whiteout prevented us from accessing the area. Diverted to the area north of Capt Harry lake. Located and collared a caribou at that location. Then searched toward the failing caribou collar on Eutsuk near John Buchanan Island, but located fresh wolf tracks enroute, on Eutsuk Lake. Tracked them out and collared a gray male wolf, with the used collar taken off by <span style="color: red;">c</span> ?? in Chilcotin Zone a couple days ago (#81233). Spent the rest of the day tracking out two additional pack members. Both were gray females and both were euthanized.
10-Feb-23	6.8	5.8	1.0	94.4	Overcast, periods of snow showers and rain. To +8. Searched direct to Mt Wells Gray to locate collared caribou. No GPS update available in recent days. Finally got a beep and located them on the top but in whiteout conditions. From about half a mile, it appeared that only the two collars were there, travelling together. Searched from there and along Eutsuk for the failing collar. Unable to locate or pick up a beep. Checked the male wolf collar on Eutsuk, deployed yesterday. Confirmed that no other pack members remained and euthanized the collared wolf, due to its immediate proximity to caribou wintering grounds, as Phase 1 is complete tomorrow. Retrieved the collar #81233. To refuel, then searched Cheslatta, Deerhorn, Lucas Lake and Nataalkuz. Met up with fixed wing to get supplies. Searched to Euchu Reach, to Tsacha, beeped collar but no others observed in timber and poor snow tracking conditions. Searched to Intata and ranch fuel. Searched Ootsa, Marilla, Streatham to Takysie.
11-Feb-23	4.0	3.0	1.0	98.4	Clear, 20 - 30kts wind. -3 to +8 degrees. Searched to Sabina / Chief Louis Lake area. Located and captured caribou 87608. Searched towards Mt Gray Wells but, again, unable to access the top due to it being socked in. Searched to Fawnie area and beeped in a group to the north. Located a group of about 10 caribou, but there was no suitable capture location within miles, other than the alpine. We elected to not push them back up the steep hillside to the alpine for animal care and welfare reasons. Searched to the southern cluster and located about 8 animals at that location. Captured and collared caribou 87612. Searched the area for other groups but unable to locate additional animals or fresh signs in the dense timber. Searched to Nataalkuz and located fresh track of a single wolf transiting the northern shore, headed east. Tracked it towards Chedakuz arm until the snow free ice and snow free forest prevented us from tracking further. Searched to Intata and fuel, then searched Cheslatta and the highlands to Takysie.
1-Mar-23	3.9	3.9		102.3	Overcast and up to zero degrees with wind at 20 kts. Searched from the south through Eliguk, to Tetachuck, to Ootsa to Takysie. Searched Intata and found a dead moose, lightly scavenged, on the east shore of Intata. Appears splayed out as if it fell on the ice and couldn't get up. Wolf tracks near it, but not scavenging it yet. Searched down to Nataalkuz, the lakes to the south of Lucas and north of Lucas, Deerhorn Hill area, to Doublebox. Searched to Takysie for the day.
2-Mar-23	6.8	3.6	3.2	109.1	Temp -2, winds 25 - 30 kts. Searched direct to Mt. Wells Gray. Located the caribou on Mt. Wells Gray and surrounding. There were exactly two of them up there, both current collars. (81227 and 42138). Then searched direct to the collar 81226, between Capt Harry and Qualcho Lakes. There were a total of 5 in the vicinity. (1 bull, 2 calves, 1 yearling and the collar). Searched directly to Fawnies. Discovered that collar 45322 is giving off a mortality beep. We were unable to locate the animal's position, with the snow and 30 kt winds. Then beeped in 45328 in heavy timber. Determined that group to contain 7 animals (including 1 bull and 2 collars). Then proceeded back to the ranch to refuel and then went to Sabina Lake, where we had seen caribou while flying over earlier in the morning. Located a group of about a dozen, without any collars. Deployed two collars into this group. Searched to the ranch to fully refuel. Searched Intata and Nataalkuz. Located a dead moose just off the lake that had been killed by a falling tree. It appears to only have been scavenged by coyotes and birds. Searched Newstubb, Cicuta, Bird, to Cheslatta, Knapp and Binta. Beeped in wolf 45402 at the west end of Binta and found that it had picked up a new wolf. Located and euthanized one black wolf. Searched Ootsanee, Tye Butte, Cheslatta/Deer Horn hill region, Lucas, Intata to the ranch for fuel, then Takysie.

[illegible]



DATE	PERSONNEL	WOLVES REMOVED	YEAR TOTAL	WOLVES COLLARED	PACK	REMAINING PACK SIZE ESTIMATE	UPDATED PACK REMAINING	LATS. (decimal degrees)	LONGS (decimal degrees)	COLLAR SERIAL #	COLLAR FREQUENCY	SEX	COLOUR	AGE	SIZE	SAMPLES TAKEN?	WILDLIFE HEALTH ID#
26-Jan-23	s.22	3 4	7	0	Intata Entiako	0 0	0 0	53.60406 53.60392 53.60262 53.22257 53.23056 53.2327 53.23097	125.70524 125.70433 125.70169 125.51926 125.51148 125.51488 125.50954				Gray Gray Gray Black Gray Gray Gray		Avg		
27-Jan-23		3	10	1	Windy Point	4		C53.822275 53.82197 53.82386 53.82284	C126.4405 126.4236 126.42358 126.42526	84105	149.215		Gray Gray Gray Gray		Avg	Yes	22-1919
28-Jan-23		3	13	1	Tatalrose	2		C53.9626 53.95456 53.9523 53.95365	C126.03481 126.02799 126.02854 126.1527	81235	149.105		Gray Gray Gray Gray		Avg	Yes	22-1916
30-Jan-23		1	14	0	Bird	Collar + 1?		53.64579	125.45764			F	Gray		Avg		
31-Jan-23		7	21	0	Windy Point		Collar only	53.89593 53.89659 53.89957 53.89984 53.90724 53.89790 53.90416	126.77283 126.77146 126.77158 126.77454 126.76878 126.76021 126.71594				Gray		Avg		
2-Feb-23		3	24	0	Tatalrose Cheslasie Arm		Collar only None	53.96922 53.42595 53.43016	126.00597 125.50333 125.49926				Gray Gray Gray		Avg		
3-Feb-23		5	29	1	Tsacha Lake	Collar +2		53.01339 53.00997 53.00836 53.01125 53.01754 C53.04168	124.89508 124.89800 124.88362 124.86999 124.86426 C124.91683	84104	149.195	F F F M F M	Black Gray Gray Gray Black Gray		Lg Avg Avg Avg Avg Lg	Yes	22-1920
5-Feb-23		3	32	1	Cheslatta High Tsacha	Just collar 2 plus collar		C53.75941 53.77326 53.77649 53.09472	C125.63039 125.61972 125.61202 124.74553	45402	148.805	M M M F	Gray Gray Gray Gray		Lg Avg Avg Avg	Yes	22-1917
7-Feb-23		1	33	0	Tatalrose (located at Wistaria)		Collar only	53.85266	126.19584			F	Gray		Avg		
8-Feb-23		1	34	0	Tsacha Lake		Possibly collar only	53.01568	124.92253				Gray		Avg		
9-Feb-23		2	36	1	Eutsuk Lake		Possibly collar only	C53.24609 53.27470 53.26765	C126.16564 126.18993 126.11792	Old collar 81233	149.130	M F F	Gray Gray Gray		Avg	Yes, no blood	22-1918
10-Feb-23		1	37	0	Eutsuk Lake	Removed the collar from this pack.	None	53.24882	126.26282	Removed collar 81233		M	Gray		Avg		
2-Mar-23		1	38	0	Cheslatta High		0	53.89233	125.54923				Black		Avg		
3-Mar-23		3	41	0	Whitesail Bird Intata	Removed Bird collar	Collar only None - 2???	53.82502 53.88526 53.56316	126.53817 125.72805 125.51122	Removed collar 81232		? M M	Gray Gray Gray		Avg XL XL	No No Yes - Hair	
4-Mar-23		4	45	0	Intata Tsacha West Rd River	0 0 1		53.58232 53.59235 53.07753C 52.93765	125.49860 125.50107 124.76570C 125.26644	Removed collar 84104		? ? M ?	Gray Gray Gray Black		Lg Avg XL Avg		

[illegible]





DATE	DAILY HOURS FLOWN	COMMENTS FOR THE DAY
		Fog in am. Lifted off at 1000 worked south end of area Dog river to chinchauga river to Beaton 1 pair of very old tracks on border south of Hamburg, collared a black male on Beaton (153.170E) will send coords ) from a pack of 4 removed one of them? No other tracks observed very good conditions. 6.7 hrs flown
Jan 17/23	6.6	
		Fog in am lifted off at 0959 worked all areas of the study area; one wolf removed.
Jan 17/23	6.2	
Jan 18/23	6.5	Flew 7.8 hrs on wolf control looked at 150.170 pack to close to farm house to remove any of pack, spent majority of day n of chinchauga river found old tracks of pack on Kanta river worked with found wolves and removed in a very dense area no openings in forest will send coords as he removed 1 spotted for him, took 1.4 hrs out of day to collar 2 packs on Ato bc border area with Alberta collars
Jan 18/23	6.3	Lifted off 0630 worked all areas of the study area; three wolves removed Kanta River area
Jan 19/23	6.2	Two wolves collared 154850 black. Two wolves observed 2 removed removed, 153400 black 2 observed none removed. Two removed 57 51.643, 120 12-126 one grey one blue. Whole study area covered concentrate north end up to Fontas river.
Jan 19/23	5.3	Lifted off 0830 worked all areas of the study area; four wolves removed and 2 wolves collared
Jan 20/23	7.8	Flew 7.8 hours all areas of the study area; removed one grey wolf from 153.400 pack
Jan 20/23	7.6	Lifted off 0840 worked all areas of the study area; three wolves removed
Jan 21/23	3.2	Spent 3 hrs in area looked at all collared wolves to ensure no remaining pack members found tracks of two wolves at Beaton railway crossing but due to thick cover no wolves found. 6 hrs remain on contract for a day of collar removal as discussed with
Jan 21/23	3.2	Flew PM N Chnchauga no removals or captures
Mar 18/23	7.4	Flew entire study area for this Years project completion



DATE	PERSONNEL	WOLVES REMOVED	WOLVES COLLARED	PACK	REMAINING PACK SIZE ESTIMATE	LATS. (decimal degrees)	LONGS (decimal degrees)	COLLAR SERIAL #	COLLAR FREQUENCY	SEX	COLOUR	AGE ESTIMATE	SIZE	SAMPLES TAKEN?	WILDLIFE HEALTH ID#
Jan 17/23	s.22	0	1	Beatton	4	57 03.186	-120 58.953		153.17	male	black			No	
Jan 17/23		1	0	Beatton	3	57002.991	-120 59.314				black				
Jan 18/23		0	0												
Jan 18/23		3	0	Kanta River		57 37.118	-120 12.913				2 black; 1 grey				
Jan 19/23		4	2	S Nig Creek		57 51.643	120 12.126	81954	152.400	male	Black(collared); Grey; Blue removed			No	
								84798	154.850	female	removed 2 greys; 1 black (collared)			No	
Jan 19/23		5	0			56 57.520	-121 08.517				1 black				
						57 35.316	-120 13.146				1 grey; 3 black				
Jan 20/23		1				57 08.040	-121 00.597		153.400 pack		grey				
Jan 20/23		1	0			56 56.3618	-121 12.468				black			No	
		2				56 58.564	-120 33.460				black; grey			No	
Jan 21/23		0	0												
Jan 21/23		0	0												
Mar 18/23		6	0			56.92047	-120.15540				grey				
		1	0			58.03252	-121.39187		153.4		black				
		2	0			58.03252	-121.39187				black				

[illegible]

DATE	DAILY HOURS FLOWN	TOTAL HOURS	COMMENTS FOR THE DAY
01/05/2023	6.8	6.8	minus 18 degrees, winds light, good snow coverage. Searched Hasler, Pine River to Lemoray, Upper Moberly, cut older tracks from 2 wolves in Moberly followed for long ways lost track on plowed road, searched Hullcross, Moberly, Carbon, Williston to Aylard, Gething, Gaylard, Johnson, Moosecall, Lower Sukunka. Tracks from 3 wolves on lower Sukunka.
01/06/2023	6.9	13.7	minus 16 to plus 6, winds up to 40 km/h SW, Searched Moberly no new tracks, Dinosaur, Bullhead, Pine River to Pine Pass, Clearwater, picked up single track in Clearwater, tracked out and euthanized, Cut Thumb to Mackenzie, searched Williston to Peace Arm to Johnson Creek.
01/07/2023	7.2	20.9	Minus 12 to plus 6, winds up to 20 km/h SW, cut older tracks from pack of 4 wolves near blue tank on the upper Sukunka, followed to moose kill all cleaned up, also dead wolf near kill location, followed for 2 hours further but lost trail in timber and ungulate trails. Searched Bullmoose to Tumbler. Searched Upper Murray, cut 3-4 day old tracks from pack of 6, followed above Kinuso falls and all the way to Onion creek. Track was still 1-2 days old. End of day flew Hook Lake - Sukunka back to <u>s. 15</u>
01/08/2023	7.6	28.5	Minus 6 to zero degrees, winds light, Searched for new tracks along Sukunka, Flew Wolverine, older tracks from pack of 3+ in lower Wolverine, topped up fuel in Tumbler, flew Flatbed to where we left off on trail from Upper Murray pack yesterday, followed SE of Stony Lake, on and off plowed roads, track was still at least day or 2 old, lost track amongst many moose trails. Searched, Monkman, Wapiti, Fearless, Bearhole, Lower Murray, picked up on older tracks from 5+ wolves on Murray closer to Lone Prairie. Listened for old Lone Prairie collar, no beeps, followed tracks for a while before running out of daylight.
01/09/2023	6.4	34.9	Minus 2, winds light, snowing near Mackenzie, Flew Dokie Siding area, Highhat, Upper Burnt, Missinchinka, Reynolds, Parsnip from Anzac to Mackenzie. It appeared there was some very old tracks on the Parsnip. Searched Williston North, old tracks near Dina Lakes, beeped in Weston collar observed one additional wolf with collar. Euthanized additional gray, confirmed just 2 sets of tracks. Flew Williston, Peace arm, Carbon, Moberly. Tracked out small packed in Moberly near powerlines. Observed one gray, deployed collar, I believe there is 2 additional wolves there plus collar. Searched near Dokie Siding till end of day.
01/10/2023	7.5	42.4	Minus 4, light snow, Searched Sukunka and Wolverine, no new tracks, Flew Murray, Kinuso, flew straight line in direction of travel of Kinuso 6 pack, pick up trail on the Red Willow, followed for several hours in a couple circles, still didn't catch up to them. Flew Muskeg Lake, Salt Creek, Low Murray, cut fresh tracks near East Pine. End of daylight will follow up tomorrow morning.
01/11/2023	6.1	48.5	Minus 4, overcast, light winds, picked up tracks of 4 pack near East Pine identified yesterday, followed through timber for a couple hours but lost track in deer trails, searched Sukunka, cut recent track from single wolf up and down the river, same area as small pack we identified Jan 7, did not catch up with single wolf, flew Windfall, Bullmoose, Gwillam. Caught up to single black wolf near Dokie Siding. Pushed towards Pine river for collar opportunity. Wolf went into den. Walked into den but unable to get into den to see wolf.
01/12/2023	5.3	53.8	Minus 4, freezing fog early morning, overcast, light winds, picked up on East Pine pack tracks again followed through timber and deer/elk trails for most of the day still unable to catch up them. Picked up tracks of 2 wolves on Jezebel creek followed through timber for 30 min but lost trail amongst elk trails.
01/13/2023	0.0	53.8	No flying due to weather
01/14/2023	7.0	60.8	Minus 8, winds light, low ceiling. Stayed close to Chetwynd with light freezing rain further to the south. Searched Sukunka, Dokie Siding, East Pine, Picked up single track near junction of Pine and Sukunka followed for a few km's North, must have been right on it as it turned into solid running track, lost it into freezing fog at higher elevation. Picked up tracks from Lone Prairie 8 pack. Deployed collar on gray female, tracked out and removed 6 additional including non-functioning collared animal. Tracked last remaining wolf for several km's until end of day. Exact co-ordinates for each wolf passed onto First Nations representative <u>s. 2</u>
01/15/2023	0.0	60.8	No flying due to weather
01/16/2023	2.6	63.4	Minus 6, SW winds up to 30km/h, freezing fog in some valleys, 5cm snow over last 30 hours, Searched Sukunka, Bullmoose, Wolverine, Murray. Cut day old tracks below Kinuso falls from Kinuso 6 pack, followed downstream almost to Quintette mine, freezing fog in valley and unable to continue tracking. Searched higher ridgelines back to <u>s. 15</u>
01/24/2023	7.5	70.9	Zero degrees, SW winds 30-60 km/h, cut tracks of 7 wolves on Sukunka followed and observed 4 wolves, deployed collar on black female, we were able remove 2 additional wolves, Flew Sukunka, Hook Lake, to Kinuso, observed single black on river, unable to deploy collar, wolf euthanized, refuelled, picked up single track above Kinuso Falls, tracked out but unable to deploy collar, wolf euthanized, cut tracks from 4 wolves below Kinuso falls, tracked and observed 3 gray and 1 black, collar deployed on gray male, euthanized 1 additional black. Older tracks observed from 6-8 wolves on Murray River from Tumbler to Salt Creek. Observed tracks of 3 wolves near Cowie Creek most likely from Lone Prairie collar plus 2.

01/25/2023	3.7	74.6	plus 2 to plus 7, SW winds 30-60 km/h, observed collared single gray on the Pine River just south of Chetwynd, captured and swapped old VHF collar from Alberta with new GPS. Flew Dickenbusche, Trapper, Gwillam, Cut day old tracks from 2 on Fish Creek, followed for a ways, found small bull elk kill site, unable to follow amongst many old tracks and ungulate trails, flew Salt Creek, followed 2 day old tracks from larger pack on Murray River, hard to determine old tracks from newer ones, snow melting quickly. Flew Flatbed, Lower Wolverine, Lower Bull Moose, Moose Lake, Fish Creek, Jezebel, Lower Murray. End of day early for high winds.
01/26/2023	5.4	80.0	plus 6 to plus 10, sw winds 30-60 km/h, Flew Gwillam, Fish Creek no new tracks from pair around there, flew Murray no new tracks, beeped in Kinuso collar observed 4 grays, euthanized the 3 uncollared wolves. Flew Monkman, Quintette. Flew Wolverine, Bullmoose, Upper Burnt, Mountain Creek no wolf tracks. Beeped in Moberly collar in upper Carbon Creek, observed 2 gray wolves, euthanized 1 uncollared wolf. Back tracked and confirmed just 2 tracks. Flew Carbon to Peace Arm, flew Johnson, Pipeline to Hullcross, Dokie Siding, Chetwynd.
01/27/2023	7.6	87.6	Zero falling to minus 10, snowing, Flew Sukunka beeped in Sukunka collar, observed 4 wolves, euthanized 2 additional grays, unable to get 3rd. Flew Gwillam, Fish Creek, Murray, Flatbed, Wolverine, Quintette, Bearhole, Stony Lake, caribou tracks near Stony, flew Redwillow, Wapiti, old tracks on the Wapiti, Red Deer to the Alberta border, South Red Willow, Kiskatanaw, lots of old tracks near One Island Lake, Salt Creek, Murray, Chetwynd, Boucher Lk., lower Pine. Beeped in Lone Prairie collar, observed one additional wolf, no clean shot opportunities and lost visual in timber, flew Clearwater, Fish Creek, Gwillam end of day.
01/28/2023	0.0	87.6	caribou collaring today
01/29/2023	2.8	90.4	Flew Sukunka, beeped in Sukunka collared wolf, observed additional gray and euthanized it, flew Windfall, Bullmoose, Gwillam, Fish Creek, Murray, Cut tracks from Lone Prairie collar plus 2, beeped in collar fairly close to ranch so left wolves for now. Flew Pine River back to s.15
02/18/2023	2.0	92.4	0-2 degrees. Windy. Snow near the mountains. Searched Monkman to Murray River to Tumbler Ridge. Murray towards Salt Creek. Located 2 wolves on the river just south of Salt Creek. Managed to relocate (now 3) wolves above the river to the east, upon our return from dropping the doors and was able to euthanize two of them. Was not able to track out the third in the old snow amongst heavy ungulate tracking. Once we left there, we backtracked the wolves north of Salt Creek towards Gwillam River mouth and determined that there could be 5 wolves in that pack originally. Searched through Lone Prairie enroute to s.15
02/19/2023	7.4	99.8	-1 to 5 degrees. Snow squalls, clear and windy. Searched Sukunka, Gwillam and located very old tracks of unknown number of wolves on Gwillam River. Searched to the Murray kill site from yesterday and tried to track those remaining wolves out. It appears that they went east onto the snow free hillsides and we were unable to locate an outrack above. Searched to Bearhole Lake, Flat Creek to Tumbler fuel. Searched upper Kinuso, Onion, Fearless, Wapiti, and Red Deer. Located very old tracks of unknown number on Red Deer but unable to action further. Searched Belcourt, Narraway, Huguenot, South Red Willow, Chain Lakes, Bearhole, Flat Creek and located an older elk kill. To s.15 for fuel. Searched the rest of lower Flat Ck, to Tumbler townsite, Bullmoose to Windfall to Sukunka. Beeped in 89102 and it appears she is still solo. Searched Sukunka to Chetwynd for the day.
02/20/2023	4.5	104.3	-9 degrees, low ceiling, heavy snow midday. Searched to Moberly to beep in #87233. Located but unable to get visual, due to the ceiling being just a little lower than where he was located. Searched to Williston, to Carbon Creek inlet, Schooler to upper Graham / Christina Falls. Searched upper Graham and located old tracks of 2 or 3 wolves. Refueled at ranch and searched Graham again but unable to locate any fresher sign before heavy snow storm pushed us out of the area. Searched Graham to Aylard, Williston north side to Hudson Hope, to Moberly Lake and Chetwynd. Landed early due to weather.
02/21/2023	7.2	111.5	-20, winds 20 to 30 knots. Searched to the high grounds above Silver Sands to look for tracks reported by s.15. Could not find anything but wolverine tracks up there, Searched to Carbon Creek and beeped in the Moberly collar #87233. Found it to be alone. Euthanized as instructed. Searched Peace Reach to where it meets Williston Lake and beeped in Weston collar 87310. Located a gray wolf with the collar and euthanized it. Unable to confirm others or remove the collar prior to needing fuel. Searched direct to s.15 for fuel. Returned north and located tracks of apx 6 wolves on the eastern shore of Williston, a few miles south of Scott Ck. Tracked them to the western shore and an old elk kill. We were unable to locate them in the endless sea of regen and timber above the lake at that location. Searched north to collar 87310 and relocated. No other wolves found in the vicinity, so we euthanized the collar as instructed. Searched south to Mackenzie fuel again. Searched Pine Pass to Chetwynd.



[illegible]

--	--	--	--

[illegible]



DATE	DAILY HOURS FLOWN	COMMENTS FOR THE DAY
Feb 14/23	0.6	<del>s.22</del> Pilot <del>s.2</del> - flew Upper Arrow Lakes area; no sightings
Feb 15/23	7.0	<del>s.22</del> Pilot <del>s.2</del> - flew Upper Arrow Lakes; Goat Range; Mica areas; no sightings
Feb 16/23	7.4	<del>s.22</del> Pilot <del>s.2</del> - flew Arrow Lakes; Goat Range Mica; Shuswap areas; obsolete tracks sighted
Feb 17/23	7.	<del>s.22</del> Pilot <del>s.2</del> - flew Mica; Columbia River; Shuswap areas; no new sightings
Feb 18/23	8.5	<del>s.22</del> Pilot <sup>2</sup> - flew Arrow Lakes; Goat Range Mica; Seymour areas; no new sightings
Feb 19/23	1.	<del>s.22</del> Pilot - flew Seymour area; no new sightings; WEATHER DOWN
Feb 20/23	8.	<del>s.22</del> Pilot - flew Mica Seymour; Goldstream; Goat Range areas; no new sightings
Feb 21/23	1.3	<del>s.22</del> Pilot - flew Upper Arrow Lakes; Goat Range areas; no new sightings; WEATHER DOWN
Mar 9/23	1.0	<del>s.2</del> Pilot <del>s.22</del> - flew Wood Arm; Kinbasket Lake area; obsolete tracks sighted
	1.0	<del>s.22</del> Pilot <del>s.2</del> - flew Wood Arm; Kinbasket Lake area; obsolete tracks sighted
Mar 10/23	8.4	<del>s.2</del> Pilot <del>s.22</del> - flew Goat Range; Seymour; Shuswap; Mica areas; obsolete tracks sighted
	8.	<del>s.22</del> Pilot <del>s.2</del> - flew Goat Range; Syemour; Shuswap area
Mar 11/23	7.9	<del>s.2</del> Pilot <del>s.22</del> - flew Upper Arrow Lakes; Goat Range; E Goat Range; Seymour; Mica areas; 2 removals
	8.	<del>s.22</del> Pilot <del>s.2</del> - flew Upper Arrow Lakes; Goat Range; Trout Lake; Duncan Lake; Kinbasket Lake; Seymour areas;
		1 Grey; 1 Black Removals in heavy cover at 50 08 42.7 -117 23 29.6 via team effort
Mar 12/23	8.6	<del>s.2</del> Pilot <del>s.22</del> - flew Shuswap; Goat Range; Upper Arrow Lakes; Mica; Kinbasket Lake; Seymour areas; obsolete tracks sighted; 2 removals
	7.7	<del>s.22</del> Pilot <del>s.2</del> - flew Upper Arrow Lakes; Goat Range; Seymour; Mica; Magna Bay areas; obsolete tracks sighted

[illegible]

[illegible]