

Industry Polar Bear Sightings (2009-2019) Reported by AQGA to USFWS, April, 2019

Case #	X reference	Den?	Company	Date	Time	Observer	Location	Location Description	Sighting Lat	Number of Each				Cub				Total Bears	Resighting (Y, N, P)	Closest Distance (m)	Initial Behavior	Behavior after Contact	Duration of Encounter (min or hr)	Attractants present (Y, N, P)	Hazing (Y or N)	Deterrent description	Description of Encounter
										Adult	Sub-adult	F	U	M	F	U	M										
Record 37		yes	BPXA	3/23/18	0.638472232	GPB EOA	DS 15			1								3					3 hrs. 10 mins		N	NA	Day 1 Original Report: 3/22/2018 at approximately 15:05 called to report of Polar Bear Sow and 2 cubs by DS 15. Located bears at approximately 15:30 about 80 yards south of the L5 pad and 100 yards from roadway. Observed bears until relieved by 253 at around 18:15. Sow was observed nursing the cubs and appeared to be digging a hole just below a berm. Bears did not leave a 100 meter area of where they were first spotted. Environmental was called and responded. They observed the bears and advised us to continue to monitor the bears. The bears were monitored in accordance to the USFWS guidelines.
Record 37		yes	BPXA	3/23/18	0.756844444	GPB EOA	DS 15			1								3 Y					1 hr. 50 mins		N	NA	Playing w/ cubs, digging in ground and laying around. Did not seem bothered by traffic in area. Relieved by at 20:00 by 207 Woldstad
Record 37		yes	BPXA	3/23/18	0.833333333	GPB EOA	DS 15			2								4 Y					34 mins and periodic checks		N	NA	Female bear was lying down, playing in snow with cubs. At approx. 20:30, female began acting curious. Snow blower was working about 1/2 mi away. Female began walking toward blower with cubs following. Blower slowed down and bear turned and slowly walked back to area of digging and at 20:34, disappeared. Security attempted to locate with thermal imaging camera but did not see them. Security went back to area at 01:00, 03:40 and 04:20 but was unable to locate the bears again.
Record 37		yes	BPXA	3/23/18	0.347222222	GPB EOA	DS 15			1								3 Y					3 hrs. 37 mins		N	Bear Monitors	At first light, Security returned to area were sow and two cubs were observed yesterday. Bears were last observed at about 8:34 pm on 3/22/18. Periodic checks with flir camera during the night revealed no bears. Returned to area at 08:20 am at dawn. No bears were observed in the area. BP Environmental was notified. FLIR camera was brought out and was unable to pick up any signature of the bears. At 11:57 am, Security departed the area due to deteriorating road conditions & drifting. Security will conduct periodic checks as long as road remains passable.
Record 37		yes	BPXA	3/23/18	0.583333333	GPB EOA	DS 15			1								3 Y					15 mins		N	Bear Monitors	Returned to area to see if bears were visible. No sign of bears in the area where they were last seen.
Record 37		yes	BPXA	3/23/18	0.652777778	GPB EOA	DS 15			1								3 Y					2 hrs. 10 mins		N	Bear Monitors	Went back to area but still no sign of bears. Snow removal equipment cleared roadway and did not appear to disturb the bears. Remained on scene until relieved by Officer Bates at 17:50.
Record 37		yes	BPXA	3/23/18	0.743055556	GPB EOA	DS 15			1								3 Y					2 hrs. 25 mins		N	Bear Monitors	Relieved Officer Brown. There was no sign of the bears in the area but could be in den. Remained at location until relieved by 257 Woldstad.
Record 37		yes	BPXA	3/23/18	0.84375	GPB EOA	DS 15			1								3 Y					1 hr. 15 mins		N	Bear Monitors	Relieved Officer Bates. Scanned area with thermal camera and was unable to locate the bears. Stayed in area scanning until 21:30 hours
Record 37		yes	BPXA	3/23/18	0.040175	GPB EOA	DS 15			1								3 Y					27 mins		N	Bear Monitors	Returned to the area to scan for bears. Nothing seen or picked up on thermal camera.
Record 37		yes	BPXA	3/24/18	0.0625	GPB EOA	DS 15			1								3 Y					1 hr. 39 mins		N	Bear Monitors	Returned to area to scan for bear activity during snow removal. No activity noted during snow removal.
Record 37		yes	BPXA	3/24/18	0.288194444	GPB EOA	DS 15			1								3 Y					1 hr. 2 mins		N	Bear Monitors	Relieved to be in possible den. FLIR conducted by Shannon Carver @ 07:10 - 07:14. No heat signature detected. Relieved by Jared Scott at 07:57. Bears were not observed during this observation period.
Record 37		yes	BPXA	3/24/18	0.33125	GPB EOA	DS 15			1								3 Y					2 hrs. 3 mins		N	Bear Monitors	Relieved Rud Kim. No visual sighting of the bears. Security departed the area at 10:00 due to the road becoming impassable by high winds and drifting snow.
Record 37		yes	BPXA	3/24/18	0.50625	GPB EOA	DS 15			1								3 Y					1 hr. 41 mins		N	Bear Monitors	Returned to the area to monitor site during snow removal on roadway. Initially unable to get close to den area due to road conditions. Roads and Pads arrived at 13:10 and began snow removal. At approximately 13:34, Security was able to get a visual sighting of the sow and cubs on a mound, approximately 400 meters south of the L-5 access road and about 600 meters west of the L-5 Pad. During the snow removal operations, neither the sow or cubs appeared to be concerned by snow removal equipment (blade and blower) working. The sow was occupied either eating exposed grass or snow and the cubs were rolling around in the snow wrestling. Relieved by Phil Brown at 13:50.
Record 37		yes	BPXA	3/24/18	0.684027778	GPB EOA	DS 15			1								3 Y					2 hrs. 30 mins		N	Bear Monitors	No sign of bears until about 17:00. Sow and cubs walked on top of hill. Sow was watching cubs play in the snow. At 17:45, sow and cubs went back out of sight behind hill.
Record 37		yes	BPXA	3/24/18	0.788194444	GPB EOA	DS 15			1								3 Y					1 hr. 35 mins		N	Bear Monitors	Relieved Officer Scott. Stayed on location until 20:30 and was unable to see the bears.
Record 37		yes	BPXA	3/24/18	0.854166667	GPB EOA	DS 15			1								3 Y					1 hr. 56 mins		N	Bear Monitors	Bears seen on hill at about 20:41 and were in and out of view until 21:00. No sightings after that. Stayed on scene until snow removal completed work. Bears did not re-appear.
Record 37		yes	BPXA	3/25/18	0.024305556	GPB EOA	DS 15			1								3 Y					4 hrs. 22 mins		N	Bear Monitors	Checked for bear activity about every 2 hours throughout the night. No further sightings since 21:00. On scene @ 00:35 until 01:11. Back again on at 03:28 for snow removal. Bears not sighted. Bears were not observed during this period. At 07:33, Jared Scott assumed observation duties. Black departed the area at 07:11 due to vehicle issue. Kim remained on scene. Observation currently on going by Scott. 33 minutes documented on this report and observation is currently on going through daylight hours.
Record 37		yes	BPXA	3/25/18	0.293666667	GPB EOA	DS 15			1								3 Y					33 mins		N	Bear Monitors	No visual of bears. Relieved By 204
Record 37		yes	BPXA	3/25/18	0.31315	GPB EOA	DS 15			1								3 Y					2 hrs. 50 mins		N	Bear Monitors	Bears came out at approximately 11:45. They stayed within meters of the den - Relieved by 203
Record 37		yes	BPXA	3/25/18	0.4375	GPB EOA	DS 15			1								3 Y					2 hrs. 57 mins		N	Bear Monitors	Sow and cubs were up roaming around on top of the mound (den area). The cubs were wrestling and sow grazing on exposed grass. At 14:02, Roads & Pads notified that they were beginning snow removal on the L-5 Access Road. The sow and cubs were still on mound. At 14:28, snow removal passed by heading to the L-5 Pad, the bears showed no indication of their presence. At 14:46, the sow and cubs were resting on top of the mound. At approximately 15:10, snow removal started their way back down the access road. As the snow removal passed, the sow lifted her head looking in what appeared to be the direction or the blower with her snout raised high, after about 10 seconds she laid her head back down. Relieved by 206
Record 37		yes	BPXA	3/25/18	0.677083333	GPB EOA	DS 15			1								3 Y					1 hr. 45 mins		N	Bear Monitors	The sow and cubs were laying on top of mound (den area). At 17:05, the sow and cubs back behind mound. At 17:20, the sow and cubs were back on top of mound. At 1750, the sow and cubs went behind mound, lost visual of bears.
Record 37		yes	BPXA	3/25/18	0.746027778	GPB EOA	DS 15			1								3 Y					1 hr. 55 mins		N	Bear Monitors	The bears were out, walking, digging, and playing in the snow. They did not appear to be concerned with any activity going on around them.
Record 37		yes	BPXA	3/25/18	0.826388889	GPB EOA	DS 15			1								3 Y					2 hrs. 10 mins		N	Bear Monitors	Relieved Officer Bates. The bears were up and moving around. The bears headed to the area of L-5/East Dock Junction, turned around, and came back to the mound area. Thn bears last seen at about 21:30.
Record 37		yes	BPXA	3/25/18	0.959722222	GPB EOA	DS 15			1								3 Y					4 hrs. 58 mins		N	Bear Monitors	Returned to area for snow removal. No sign of bears during time of snow removal. Remained in area until snow removal complete. Continued to check area every 3-4 hours. No sign of bears.
Record 37		yes	BPXA	3/26/18	0.302083333	GPB EOA	DS 15			1								3 Y					1 hr. 45 mins		N	Bear Monitors	No bears observed at this time.
Record 37		yes	BPXA	3/26/18	0.375	GPB EOA	DS 15			1								3 Y					6 hrs. 1 min		N	Bear Monitors	No sign of bears in the area. Remained on scene until relieved by 203 Scott.
Record 37		yes	BPXA	3/26/18	0.625694444	GPB EOA	DS 15			1								3 Y					1 hrs. 39 mins		N	Bear Monitors	Back in area and still no sign of bears. At 16:30, Snow removal equipment cleared roadway. Did not appear to affect bears. Remained on scene until relieved by OFc Bates at 16:40.
Record 37		yes	BPXA	3/26/18	0.743055556	GPB EOA	DS 15			1								3 Y					1 hr. 27 mins		N	Bear Monitors	No bear activity during observation. Relieved at 18:07 by 253 Nichols.
Record 37		yes	BPXA	3/26/18	0.754861111	GPB EOA	DS 15			1								3 Y					1 hr. 38 mins		N	Bear Monitors	Sow and cubs out of sight, possibly in den. No activity seen. Relieved at 19:45 by 254 Varner.
Record 37		yes	BPXA	3/26/18	0.822916667	GPB EOA	DS 15			1								3 Y					1 hr. 42 mins		N	Bear Monitors	No sign of bears initially. At 20:05, sow and 2 cubs came out into view and walked around near den. Cubs were playing in snow and jumping on the sow. At 20:52, all three bears disappeared from sight, possibly into den. Relieved by 257 Carver.
Record 37		yes	BPXA	3/26/18	0.89375	GPB EOA	DS 15			1								3 Y					2 hrs. 3 mins		N	Bear Monitors	No bear activity observed. Used FLIR and did not pick up anything. Remained in area until 23:30. Will continue periodic checks throughout the night.
Record 37		yes	BPXA	3/27/18	0.104166667	GPB EOA	DS 15			1								3 Y					2 hrs.		N	Bear Monitors	Used FLIR and saw sow and possibly cubs laying on top of the mound. At 03:05, bears went back out of sight on other side of mound. Remained in area for snow removal. Bears were not out during snow removal.
Record 37		yes	BPXA	3/27/18	0.284722222	GPB EOA	DS 15			1								3 Y					5 hrs. 10 mins		N	Bear Monitors	0830: Sow & two cubs relocated to a different sand dune, about 100 yards north from den area. Sow is feeding on grass. Cubs stay 0-15 feet of mother. 0845: Sow seems to be digging for food. 0848: Cubs seem to be feeding off of mother (nursing). 0935: Sow still digging and eating grass/grubs. 1035: Sow still searching for food, cubs are running around playing with each other. Cubs run away from sow every once in a while to play with each other. Sow stays on top of mound keeping eyes on cubs. 1043: Cubs do not leave sow for more than 30 seconds at a time. Always return to sow very quickly. 1048: Temp is 0 degrees & wind is 17-24 out of the east. 1057: Lost sight of sow & cubs 1100: Found sow and cubs. Traveled 300 yards SE to another dirt mound. 1120: Sow and cubs resting on top of mound. 1200: Relieved by Jesse Abbas/206. Sow was always aware of her surroundings. Sow would retreat back to high ground to have a visual. At 12:43, the sow possibly began turning. At 13:37, the sow and cubs walked to den site. At 13:42, the bears stopped at den and began to play until 13:57, where they began walking north/northwest from the den. At 1458, the sow and cubs stopped approximately 3000 meters north of DS- 5 and 1000 M east of Niakuk Pad. The sow and cubs walked N/W towards Niakuk Island with nose raised smelling. Normal behavior, not running, just a steady-walk. Cubs playing the whole time while walking. Travelled approximately 1.5 miles during watch. Stopped at ice outcrop.
Record 37		yes	BPXA	3/27/18	0.5	GPB EOA	DS 15			1								3 Y					3 hrs. 28 mins		N	Bear Monitors	The sow and cubs were about 2 miles north of Niakuk heading north resting. At 20:34 hours, the sow got up and started walking west very slowly. The cubs were running around following her. The bears (sow and cubs) were moving north/northwest. At 21:15, continued walking to an out-cropping and walked around in circles until about 21:30. Started walking again northwest. At 21:42, lost visual at another out-cropping approximately 2.5 miles out. (Continued from above) About 2.5 miles from Niakuk. Switched to night vision at 21:48 and saw bears laying down. At 22:25, lost visual of bears at outcropping. Bears had not moved back into view. No FLIR signal. Relieved by 253 Nichols for break.
Record 37		yes	BPXA	3/27/18	0.641666667	GPB EOA	DS 15			1								3 Y					2 hrs. 14 mins		N	Bear Monitors	No bears observed at this time. Bears did not return to den area.
Record 37		yes	BPXA	3/27/18	0.743055556	GPB EOA	DS 15			1								3 Y					3 hrs. 6 mins		N	Bear Monitors	No visual of the bears. Monitoring the den site to see if the bears return. Relieved by Sam Bates at 09:00. Monitoring of the den site is ongoing.
Record 37		yes	BPXA	3/27/18	0.872222222	GPB EOA	DS 15			1								3 Y					46 mins		N	Bear Monitors	Watching den area with no activity seen. Relieved by 206 Aldous for a break.
Record 37		yes	BPXA	3/27/18	0.904166667	GPB EOA	DS 15			1								3 Y					3 hrs. 14 mins		N	Bear Monitors	Monitor den area with no activity seen. Relieved by 204 Bates.
Record 37		yes	BPXA	3/28/18	0.030688889	GPB EOA	DS 15			0								0					3 hrs.		N	Bear Monitors	Checked den area and Niakuk area for bears. No activity seen. Remained in area until 14:30.
Record 37		yes	BPXA	3/28/18	0.277777778	GPB EOA	DS 15			0								0					4 hrs. 6 mins		N	Bear Monitors	Bear den and immediate area checked about every two hours and when snow removal was taking place. No bear sightings.
Record 37		yes	BPXA	3/28/18	0.375	GPB EOA	DS 15			0								0					4 hrs. 6 mins		N	Bear Monitors	Periodic checks with FLIR camera during the night revealed no sign of bears. Area of den being checked every two hours. Den checked at 02:21 and again at 04:05 hours. Has been over 24 hours since sow and cubs were last seen leaving the area.
Record 37		yes	BPXA	3/28/18	0.545833333	GPB EOA	DS 15			0								0					1 hr. 4 mins		N	Bear Monitors	No sign of bears at den or surrounding area. Also did a sweep of ice area and found no bear activity.
Record 37		yes	BPXA	3/28/18	0.590277778	GPB EOA	DS 15			0								0					20 mins		N	Bear Monitors	No bear activity. Went to the top of DS-15 to get a better look at the den area. No movement or sign of recent activity. Security could see the top of the den itself but not the entrance/ hole. Will return in 2 hours.
Record 37		yes	BPXA	3/28/18	0.6875	GPB EOA	DS 15			0								0					6 hrs. 58 mins		N	Bear Monitors	No den or bear activity. Went to the top of DS-15 again. No movement or signs of activity. Will return for another check in 2 hours.
Record 37		yes	BPXA	3/28/18	0.079861111	GPB EOA	DS 15			0								0					2 hrs. 35 minsPeriodic checks, every 30 mins		N	Bear Monitors	No den or bear activity. Went back to top of DS-15 again. No movement or signs of activity. Will return for another check in 2 hours.
Record 37		yes	BPXA	3/29/18	0.291666667	GPB EOA	DS 15			0								0					20 mins		N	Bear Monitors	No sign of bears at den or surrounding area. Also did a sweep of ice area and found no bear activity.
Record 37		yes	BPXA	3/29/18	0.35625	GPB EOA	DS 15			0								0					8 mins		N	Bear Monitors	No den or bear activity. Went to the top of DS-15 again. No movement or sign on ice.
Record 37		yes	BPXA	3/29/18	0.449055556	GPB EOA	DS 15			0								0					21 mins		N	Bear Monitors	No bear activity at den. Went back to DS-15 again and saw no sign of any activity at den or on the ice. After 6 days, the bears moved to the sea ice northwest of Niakuk and did not return. The den was monitored for an additional 48 hours when USFWS gave the direction to discontinue monitoring.
Record 37		yes	BPXA	3/29/18	0.625	GPB EOA	DS 15			0								0					13 mins		N	Bear Monitors	