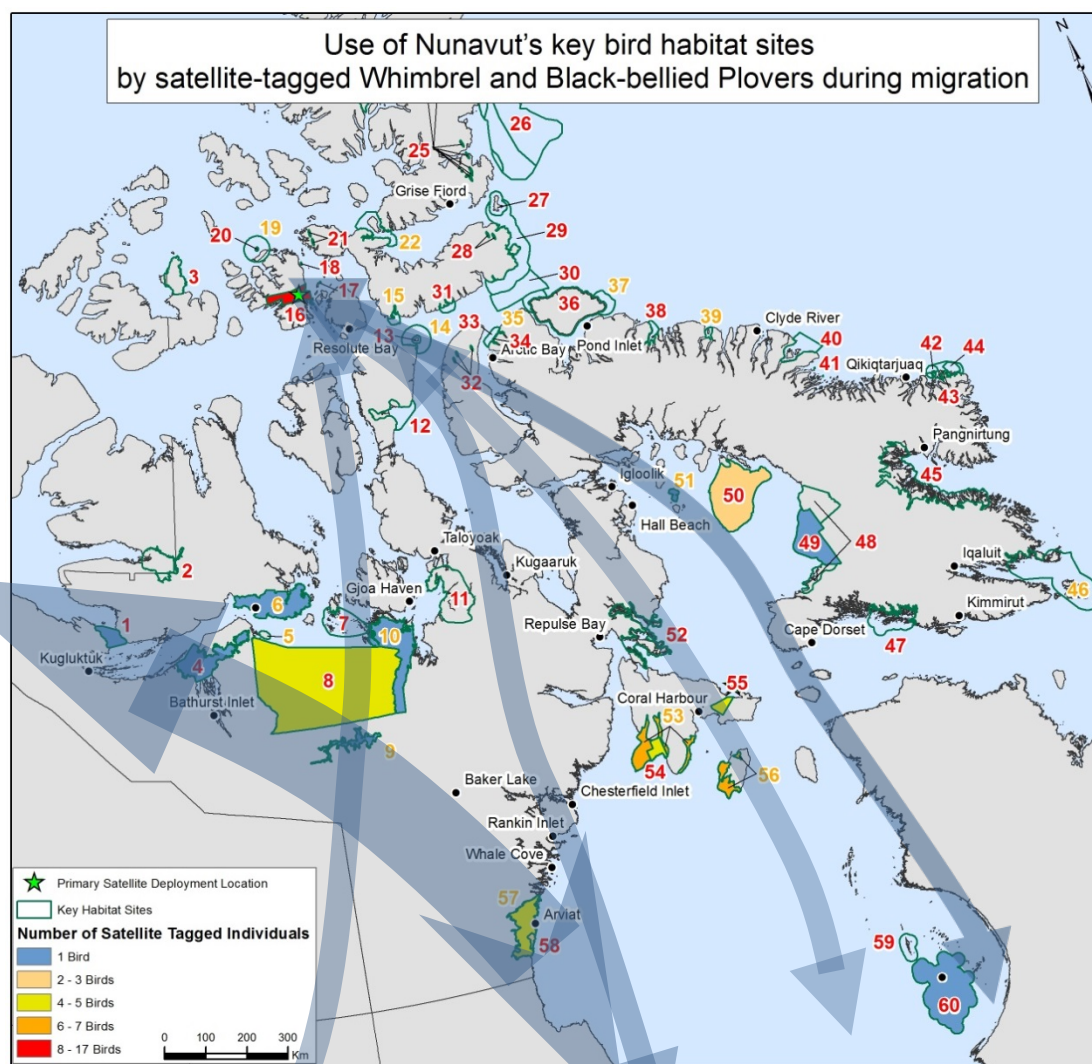


Use of Nunavut's key bird habitat sites by satellite-tagged Whimbrel and Black-bellied Plovers during migration

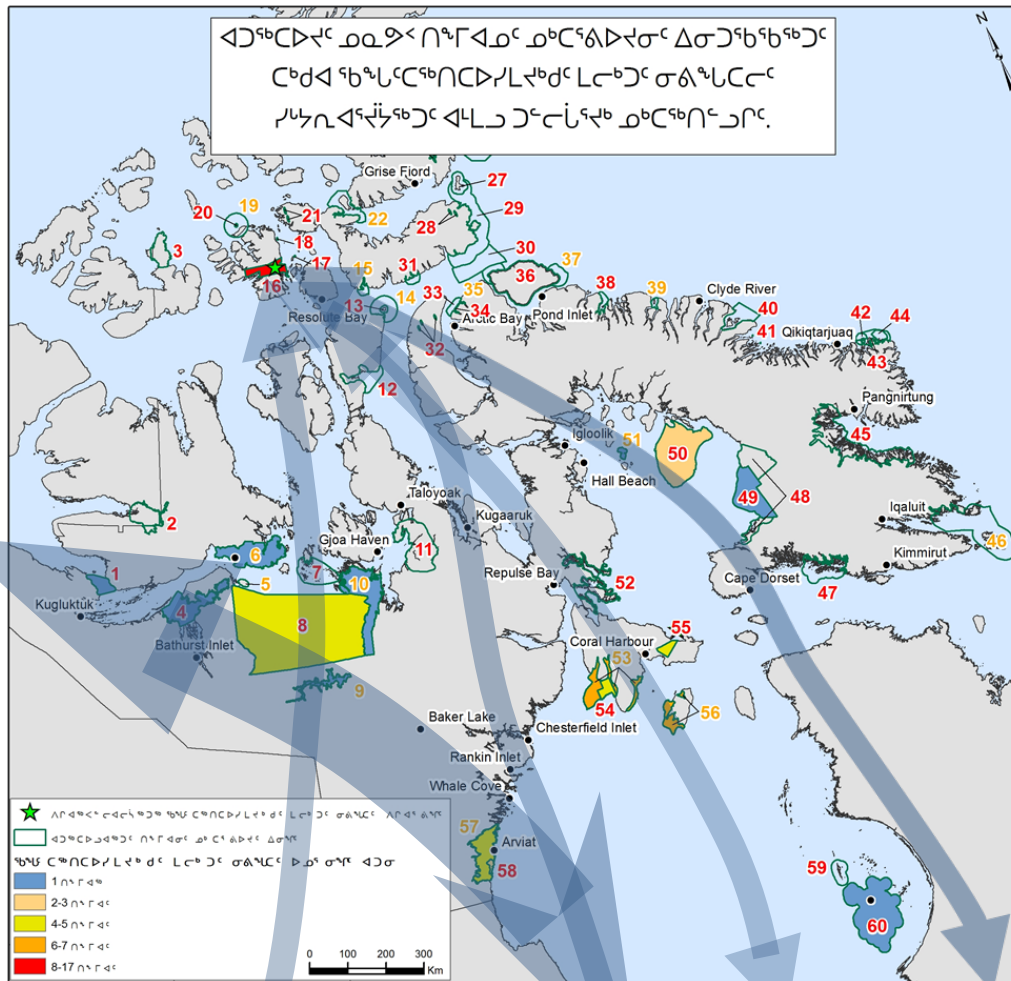
Mackenzie Delta, NWT



Highly Risk Intolerant Sites			Moderately Risk Intolerant Sites		
Abbaajik and Ijutuk Islands	41		Adelaide Peninsula	10	
Akpait National Wildlife Area	44		Boas River (outside of MBS)	53	
Baillarge bay (portion that is within Sirmilik National Park)	33		Cape Graham Moore (outside of Bylot Island MBS)	37	
Baillarge Bay (portion that is outside of Sirmilik National Park)	34		Cape Hay (outside of Bylot Island MBS)	35	
Bathurst / Elu Inlets	4		Cape Liddon	15	
Belcher Islands	60		Coats Island Lowlands	56	
Buchan Gulf	38		Frobisher Bay	46	
Bylot Island Migratory Bird Sanctuary	36		Hell Gate and Cardigan Strait	22	
Cape Searle / Reid bay (outside of Akpait and Qaqqulit NWA's)	43		McConnell River (outside of MBS)	57	
Cheyne Islands	18		Middle Back River	9	
Creswell Bay	12		Melbourne Island	5	
Dewey Soper Migratory Bird Sanctuary	49		North Spicer Island	51	
East Axel Heiberg Island	23		Prince Leopold Island (outside of MBS)	14	
East Bay Migratory Bird Sanctuary	55		Scott Inlet	39	
Eastern Devon Island	28		Seymour Island (outside of MBS)	19	
Eastern Jones Sound	29		South Eastern Victoria Island	6	
Eastern Lancaster Sound	30				
Foxheim Peninsula	24				
Foxe Basin (Prince Charles, Air Force, Foley Islands)	50				
Frozen Strait	52				
Great Plain of the Koukdjuak (outside of Dewey Soper MBS)	48				
Grinnell Peninsula	21				
Harry Gibbons Migratory Bird Sanctuary	54				
Hobhouse Inlet	31				
Inglefield Mountains	25				
Kaglorjuak River	2				
Lambert Channel	1				
Markham Bay	47				
McConnell River Migratory Bird Sanctuary	58				
Nasaruwaalik Island	17				
Nginganq National Wildlife Area	40				
Nirjutuq National Wildlife Area	27				
Nordenskiold Islands	7				
North Water Polynya	26				
Northwestern Broder Peninsula	32				
Polar Bear Pass National Wildlife Area	16				
Prince Leopold Island Migratory Bird Sanctuary	13				
Qaqqulit National Wildlife Area	42				
Queen Maud Gulf Migratory Bird Sanctuary	8				
Rasmussen Lowlands	11				
Sabine Peninsula	3				
Seymour Island Migratory Bird Sanctuary	20				
Sleeper Islands	59				
Western Cumberland Sound Archipelago	45				

Use of Nunavut's key bird habitat sites by satellite-tagged Whimbrel and Black-bellied Plovers during migration.

- The attached map shows new information about how two species of shorebirds use Key Bird Habitat Sites in Nunavut during migration.
- Satellite tags were placed on:
 - Black-bellied Plovers at Polar Bear Pass, NU, and several sites outside of Nunavut.
 - Whimbrel at the Mackenzie Delta, NWT
- Satellite tags allow us to 'follow' birds on migration, and to understand where and for how long they stop along the way.
- We tend to think of key habitat sites in Nunavut as places for birds to breed. However, information from the tagged birds shows that key habitat sites in the southern part of Nunavut are also highly important for migrating birds.
- Between 20 and 30% of plovers tagged in the high arctic used key bird habitat sites on Coats and Southampton Islands on migration. Queen Maud Gulf Bird Sanctuary was also frequently used on migration.
- Whimbrel tagged in the NWT flew exclusively through Nunavut on migration. Key habitat sites in mainland Kitikmeot and Kivalliq were used by these birds.
- As more information comes from the tagged birds, we will have a better picture of shorebird migration patterns in Nunavut.
- Current information highlights the importance of key bird habitat sites on Coats and Southampton Islands, and of the Queen Maud Gulf and McConnell River Bird Sanctuaries, for migrating shorebirds.



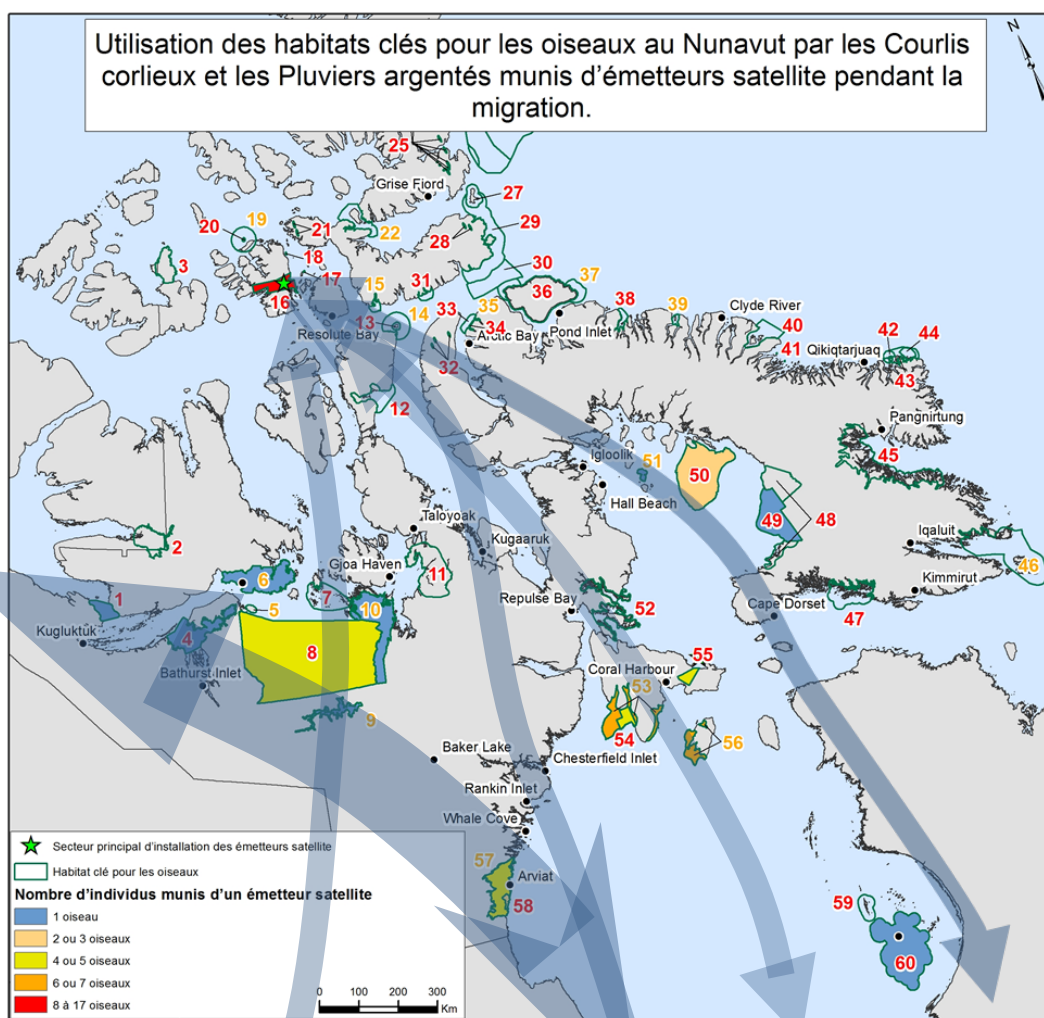
Highly Risk Intolerant Sites			Moderately Risk Intolerant Sites		
Abajakal and Jutuk Islands	41	Harry Gibbons Migratory Bird Sanctuary	54	Adelaide Peninsula	
Akpait National Wildlife Area	44	Hobhouse Inlet	31	Boas River (outside of MBS)	
Baillarge bay (portion that is within Sirmilik National Park)	33	Ingfield Mountains	25	Cape Graham Moore (outside of Bylot Island MBS)	
Baillarge Bay (portion that is outside of Sirmilik National Park)	34	Kagloruak River	2	Cape Hay (outside of Bylot Island MBS)	
Bathurst / Elu Inlets	36	Lambert Channel	1	Cape Liddon	
Belcher Islands	60	Marham Bay	47	Coats Island Lowlands	
Buchan Gulf	36	McConnell River Migratory Bird Sanctuary	58	Frobisher Bay	
Bylot Island Migratory Bird Sanctuary	38	Nasaruvaalik Island	17	Hell Gate and Cardigan Strait	
Cape Searle / Reid bay (outside of Akpait and Qaqqulit NWA's)	43	Nginganq National Wildlife Area	40	McConnell River (outside of MBS)	
Cheyne Islands	18	Njurgarvik National Wildlife Area	27	Middle Back River	
Creswell Bay	12	Nordenskiöld Bay	7	Melbourne Island	
Dewey Soper Migratory Bird Sanctuary	49	North Water Polytia	26	North Spicer Island	
East Bay (outside of Bylot Island)	32	Northeast Bröcker Peninsula	32	Prince Leopold Island (outside of MBS)	
East Bay Migratory Bird Sanctuary	55	Polar Bear Pass National Wildlife Area	16	Scott Inlet	
Eastern Devon Island	28	Prince Leopold Island Migratory Bird Sanctuary	13	Seymour Island (outside of MBS)	
Eastern Jones Sound	29	Qaqqulit National Wildlife Area	42	South Eastern Victoria Island	
Eastern Lancaster Sound	30	Queen Maud Gulf Migratory Bird Sanctuary	8		
Fosheim Peninsula	24	Rasmussen Lowlands	11		
Foxe Basin (Prince Charles, Air Force, Foley Islands)	50	Sabine Peninsula	3		
Frozen Strait	52	Seymour Island Migratory Bird Sanctuary	50		
Great Plain of the Koukdjuak (outside of Dewey Soper MBS)	48	Sleeper Islands	59		
Grinnell Peninsula	21	Western Cumberland Sound Archipelago	45		

ᐊᐅᖃᑕᐅᔪᑦ ᓄᓇᓂᑦ ᑎᖃᑦᐅᐅᓂᑦ ᓄᑦᑕᖃᐅᔪᓂᑦ ᐃᓂᐅᖃᖃᖃᐅᑦ ᑕᑦᐅᐅ ᖃᖃᓕᑕᖃᑎᑕᐅᔪᑦᐅᑦ ᑕᑕᑦᐅᑦ ᓂᐃᖃᓕᑕᑦ ᔪᖃᑕᑦᐅᔪᖃᐅᑦ ᐊᑕᑕᑦ ᐅᑦᑕᓕᓕᖃᐅ ᓄᑦᑕᖃᑎᑦᐅᑦ.

- ᐊᑕᔪᖃᐅ ᓄᓇᓂᑦᐅᐅᖃᐅ ᖃᖃᑎᑦᐅᑦ ᓄᑕᓂᑦ ᐅᖃᓕᖃᐅ ᐱᑦᐅᑦ ᖃᓄᖃᐅ ᑕᑕᑦᐅᑦ ᔪᖃᑕᑦᐅᐅᑕᐅᑦ ᑎᖃᑦᐅᐅ ᐊᐅᖃᑕᑦᐅᑦ ᑎᖃᑦᐅᐅ ᑎᑎᑦᐅᑦ ᐃᓂᑦᐅᑦ ᑕᐅᓂᑦ ᓄᓇᓂᑦᐅᑦ ᓄᑦᑕᖃᐅᑦ.
- ᖃᖃᓕᑕᖃᑎᑕᐅᔪᑦᐅᑦ ᑕᑕᑦᐅᑦ ᓂᐃᖃᓕᑕᑦ ᐃᑕᑕᑦᐅᑦᐅᑦ ᐅᐅᓄᖃᐅᑦ:
 - ᐅᑦᑕᓕᓕᖃᐅ ᑕᐅᖃᐅ ᓄᓇᓂᑦᐅᐅᖃᐅ, ᓄᓇᓂᑦ, ᐊᑕᑕᑦ ᐊᑦᐅᑦ ᐃᓂᖃᐅᓂᑦ ᔪᑕᑕᓂ ᓄᓇᓂᑦ,
 - ᔪᖃᑕᑦᐅᐅ ᐊᑕᖃᐅ ᑎᖃᑦᐅᐅ ᑕᑕᑦᐅᑦ, ᓄᓇᓂᑦ.
- ᖃᖃᓕᑕᖃᑎᑕᐅᔪᑦᐅᑦ ᑕᑕᑦᐅᑦ ᓂᐃᖃᓕᑕᑦ ᐊᑕᖃᐅᑦᐅᑦ ᐅᑕᑕᓂᓂᑦ “ᑕᑕᑕᑦ” ᑎᖃᑦᐅᐅ ᓄᑦᑕᖃᑎᑦᐅᑦ, ᐊᑕᑕᑦ ᐅᑎᑦᐅᑦ ᓄᑕᖃᐅᑕᑦᐅᑦ ᐊᑕᑕᑦ ᖃᓄᖃᐅ ᐊᐅᓂᐅᑎᑦᐅᑦ ᓄᖃᖃᓕᑕᑦ.
- ᐃᔪᑕᑕᑕᑕ ᐅᑕᑕᑦᐅᑦ ᐃᓂᖃᐅ ᓄᓇᓂᑦᐅᑦ ᑕᐅᑕᑦ ᐃᓂᖃᐅᑕᑦᐅᑦᐅᑦ ᓄᑕᑕᑦᐅᑦ. ᑕᐅᑕᑕᑕᑕᑕᑕᑕᑕ, ᐅᖃᐅᑕᑕᑕ ᑕᑕᑕᓂᑦ ᖃᐅᑕᑕᑕ ᖃᖃᓕᑕᖃᑎᑕᐅᔪᑦᐅᑦ ᑕᑕᑦᐅᑦ ᓂᐃᖃᓕᑕᑦ ᑕᐅᑎᑦᐅᑦ ᐅᐅᐅ ᐃᓂᑦᐅᑕᑕᑕᑕᑕᑕ ᓂᑦᐅᓂ ᓄᓇᓂᑦ ᐱᑕᑕᑕᑕᑕᑕᑕ ᓄᑎᖃᑕᑕᑕᑕ ᑎᖃᑦᐅᐅᑦ.
- ᐊᑕᑕᑦ 20 ᐊᑕᑕᑦ 30% ᐅᑦᑕᓕᓕᖃᐅ ᓂᐃᖃᓕᑕᑦ ᖃᑎᑕᑕᑕ ᐊᐅᖃᑕᐅᔪᑦ ᓄᑕᑕᑦ ᑎᖃᑦᐅᐅ ᓄᑦᑕᖃᐅᑕᑕᑕ ᐊᑕᑕᑦᐅᑦ [Coats Island] ᐊᑕᑕᑦ ᖃᑕᑕᑦ [Southampton Islands] ᐃᖃᑕᑕᑕ. ᐃᖃᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ ᐃᑕᑕᑕ [Queen Maud Gulf] ᑎᖃᑦᐅᐅ ᖃᑕᑕᑕᑕᑕ ᐅᐅᐅᑕᑕᑕ ᐊᐅᖃᑕᐅᔪᑦᐅᑦ ᓄᑦᑕᖃᐅᑦ.
- ᔪᖃᑕᑦᐅᐅ ᐊᑕᖃᐅ ᑎᖃᑦᐅᐅ ᓂᐃᖃᓕᑕᑕᑕᑕ ᓄᓇᓂᑦᐅᑦ ᖃᖃᓕᑕᖃᑎᑕᑕᑕᑕ ᑕᐅᑕᑕᑕᑕ ᓄᓇᓂᑦᐅᑦ ᓄᑦᑕᖃᐅᑦ. ᐃᓂᑦᐅᑕᑕᑕᑕ ᓄᓇᑕᑕᑕ ᖃᑎᑕᑕᑕ ᐊᑕᑕᑦ ᑎᑕᑕᑕ ᐊᐅᖃᑕᐅᔪᑦ ᑕᑕᑕᑕ ᑎᖃᑦᐅᐅᑦ.
- ᐅᑎᑕᐅᑕᑕᑕᑕᑕ ᓂᐃᖃᓕᑕᑕᑕ ᑎᖃᑦᐅᐅᑦ, ᑕᐅᑕᑕᑕᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ ᑎᖃᑦᐅᐅ ᓄᑦᑕᖃᐅᑦ ᓄᓇᓂᑦᐅᑦ.
- ᑕᑕᑕ ᖃᐅᑕᑕᑕᑕᑕ ᐱᔪᑕᑕ ᐱᑕᑕᑕᑕᑕᑕ ᓄᓇᓂᑦᐅᑦ ᑎᖃᑦᐅᐅ ᐃᓂᖃᐅ ᓄᑦᑕᖃᐅ ᐊᑕᑕᑦᐅᑦ ᐊᑕᑕᑦ, ᐊᑕᑕᑦ ᐃᖃᑕᑕᑕᑕᑕ ᑕᑕᑕᑕ ᐃᑕᑕᑕ ᐊᑕᑕᑦ ᐅᑕᑕᑕ ᑎᖃᑦᐅᐅᑦ, ᓄᑦᑕᑕᑕ ᑕᑕᑕᑕ ᑎᖃᑦᐅᐅᑦ.

Utilisation des habitats clés pour les oiseaux au Nunavut par les Courlis corlieux et les Pluviers argentés munis d'émetteurs satellite pendant la migration.

Mackenzie
Delta, NWT



Highly Risk Intolerant Sites			Moderately Risk Intolerant Sites		
Abbejalk and Ijutuk Islands	41		Adelaide Peninsula	54	10
Akpet National Wildlife Area	44		Boas River (Outside of MBS)	53	
Baillarge bay (portion that is within Sirmilik National Park)	33		Cape Graham Moore (outside of Bylot Island MBS)	37	
Baillarge Bay (portion that is outside of Sirmilik National Park)	34		Cape Hay (outside of Bylot Island MBS)	35	
Bathurst / Elu Inlets	4		Cape Liddon	15	
Belcher Islands	60		Coats Island Lowlands	56	
Buchan Gulf	38		Frobisher Bay	46	
Bylot Island Migratory Bird Sanctuary	36		Hell Gate and Cardigan Strait	22	
Cape Searle / Reid bay (outside of Akpet and Qaqqullut NWA's)	43		McConnell River (outside of MBS)	57	
Cheyne Islands	18		Middle Back River	8	
Creswell Bay	12		Melbourne Island	5	
Dewey Soper Migratory Bird Sanctuary	49		North Spicer Island	51	
East Axel Heiberg Island	23		Prince Leopold Island (outside of MBS)	14	
East Bay Migratory Bird Sanctuary	55		Scott Inlet	39	
Eastern Devon Island	28		Seymour Island (outside of MBS)	19	
Eastern Jones Sound	29		South Eastern Victoria Island	6	
Eastern Lancaster Sound	30				
Fosheim Peninsula	24				
Foxe Basin (Prince Charles, Air Force, Foley Islands)	50				
Frozen Strait	52				
Great Plain of the Koukdjuak (outside of Dewey Soper MBS)	48				
Grinnell Peninsula	21				
Harry Gibbons Migratory Bird Sanctuary	54				
Hobhouse Inlet	31				
Inglefield Mountains	25				
Kaglorvuak River	2				
Lambert Channel	1				
Markham Bay	47				
McConnell River Migratory Bird Sanctuary	58				
Nasaruvaalik Island	17				
Ninginganiq National Wildlife Area	40				
Nirjutqanvik National Wildlife Area	27				
Nordenskiöld Islands	7				
North Water Polymya	26				
Northwestern Brodeur Peninsula	32				
Polar Bear Pass National Wildlife Area	16				
Prince Leopold Island Migratory Bird Sanctuary	13				
Qaqqullut National Wildlife Area	42				
Queen Maud Gulf Migratory Bird Sanctuary	8				
Rasmussen Lowlands	11				
Sabine Peninsula	3				
Seymour Island Migratory Bird Sanctuary	20				
Sleeper Islands	59				
Western Cumberland Sound Archipelago	45				

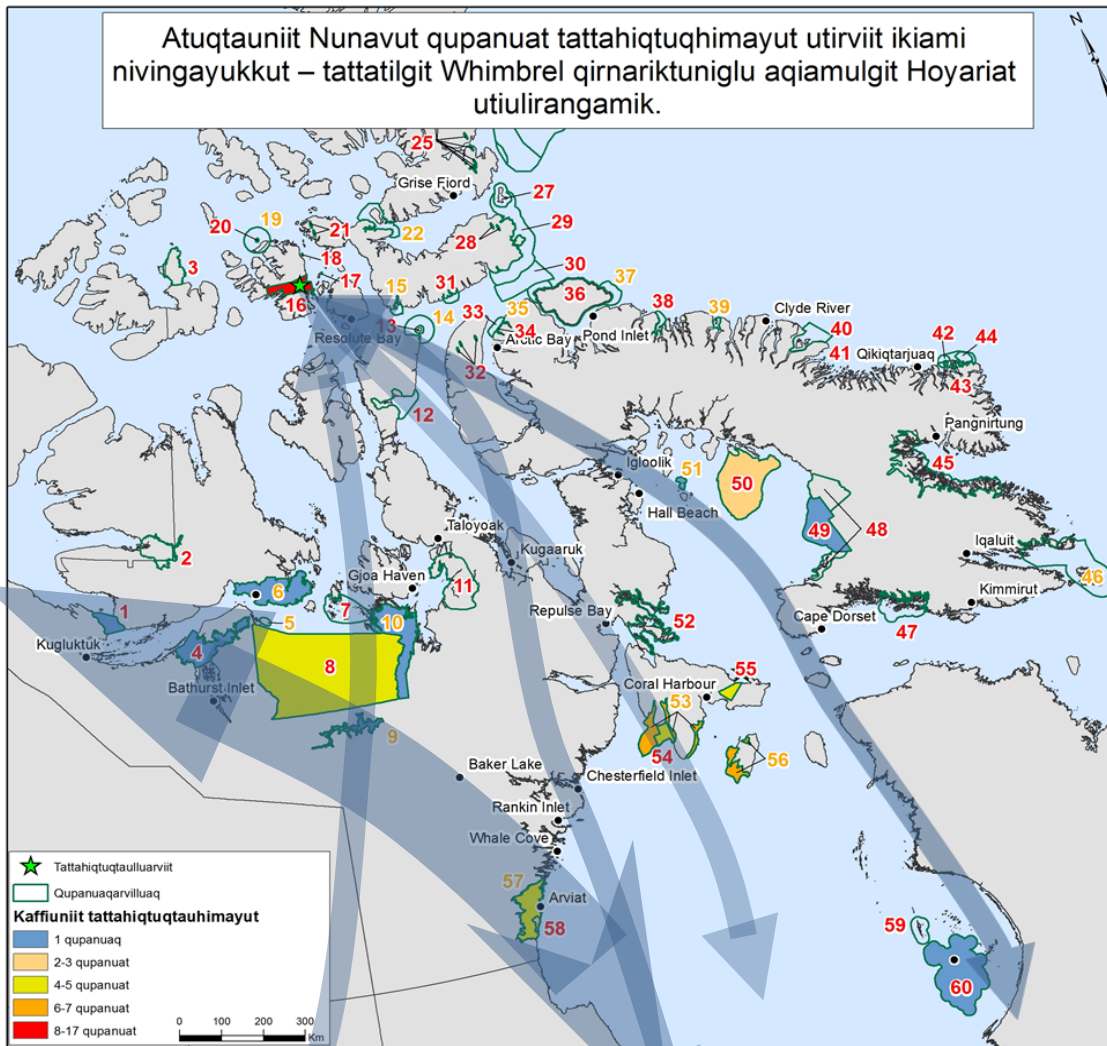
Utilisation des habitats clés pour les oiseaux au Nunavut par les Courlis corlieux et les Pluviers argentés munis d'émetteurs satellite pendant la migration.

La carte ci-jointe présente de nouveaux renseignements sur la manière dont deux espèces d'oiseaux de rivage utilisent les habitats clés pour les oiseaux au Nunavut en cours de migration.

- Des émetteurs satellite ont été placés sur :
 - des Pluviers argentés dans la vallée Polar Bear (Nunavut) et à plusieurs sites situés à l'extérieur du Nunavut;
 - des Courlis corlieux dans le delta du Mackenzie (Territoires du Nord-Ouest).
- Les émetteurs satellite nous permettent de « suivre » les oiseaux en cours de migration et de comprendre où et pendant combien de temps ils s'arrêtent en chemin.
- Nous considérerons généralement que les habitats clés au Nunavut constituent des lieux de reproduction pour les oiseaux. Pourtant, les renseignements recueillis d'après les émetteurs satellite des oiseaux en étant munis montrent que les habitats dans la partie sud du Nunavut sont très importants pour les oiseaux migrants.
- De 20 à 30 % des pluviers munis d'émetteurs satellite dans l'Extrême-Arctique ont utilisé les habitats clés pour les oiseaux des îles Coats et Southampton en cours de migration. Le refuge d'oiseaux du golfe Reine-Maud a aussi été fréquemment utilisé pendant la migration.
- Les Courlis corlieux munis d'émetteurs satellite dans les Territoires du Nord-Ouest ont survolé exclusivement le Nunavut pendant la migration. Les habitats clés de la partie continentale de Kitikmeot et de Kivalliq ont été utilisés par ces oiseaux.
- À mesure que d'autres renseignements proviendront des oiseaux munis d'émetteurs satellite, nous aurons une meilleure idée des habitudes de migration des oiseaux de rivage au Nunavut.
- L'information actuelle met en lumière l'importance des habitats clés pour les oiseaux sur les îles Coats et Southampton ainsi que des refuges d'oiseaux du golfe Reine-Maud et de la rivière McConnell pour les oiseaux de rivage migrants.

Atuqtauniit Nunavut qupanuat tattahiqtuqhimayut utirviit ikiami
nivingayukkut – tattatilgit Whimbrel qirnariktuniglu aqiamulgit Hoyariat
utiulirangamik.

Mackenzie
Delta, NWT



Highly Risk Intolerant Sites		
Abbajalik and Ijutuk Islands	41	
Akpait National Wildlife Area	44	
Baillarge Bay (portion that is within Sirmilik National Park)	33	
Baillarge Bay (portion that is outside of Sirmilik National Park)	34	
Bathurst / Elu Inlets	4	
Belcher Islands	60	
Buchan Gulf	38	
Bylot Island Migratory Bird Sanctuary	36	
Cape Searle / Reid Bay (outside of Akpait and Qaqqullit NWA's)	43	
Cheyne Islands	18	
Creswell Bay	12	
Dewey Soper Migratory Bird Sanctuary	49	
East Axel Heiberg Island	23	
East Bay Migratory Bird Sanctuary	55	
Eastern Devon Island	28	
Eastern Jones Sound	29	
Eastern Lancaster Sound	30	
Fosheim Peninsula	24	
Foxe Basin (Prince Charles, Air Force, Foley Islands)	50	
Frozen Strait	52	
Great Plain of the Koukdjuak (outside of Dewey Soper MBS)	48	
Grinnell Peninsula	21	
Harry Gibbons Migratory Bird Sanctuary	54	
Hobhouse Inlet	31	
Inglefield Mountains	25	
Kagoryuak River	2	
Lambert Channel	1	
Markham Bay	47	
McConnell River Migratory Bird Sanctuary	58	
Nasaruvaalik Island	17	
Ningqanig National Wildlife Area	40	
Nirutqanik National Wildlife Area	27	
Nordenskiöld Islands	7	
North Water Polynya	26	
Northwestern Brodeur Peninsula	32	
Polar Bear Pass National Wildlife Area	16	
Prince Leopold Island Migratory Bird Sanctuary	13	
Qaqqullit National Wildlife Area	42	
Queen Maud Gulf Migratory Bird Sanctuary	8	
Rasmussen Lowlands	11	
Sabine Peninsula	3	
Seymour Island Migratory Bird Sanctuary	20	
Sleeper Islands	59	
Western Cumberland Sound Archipelago	45	

Moderately Risk Intolerant Sites	
Adelaide Peninsula	10
Boas River (Outside of MBS)	53
Cape Graham Moore (outside of Bylot Island MBS)	37
Cape Hay (outside of Bylot Island MBS)	35
Cape Liddon	15
Coats Island Lowlands	56
Frobisher Bay	46
Hell Gate and Cardigan Strait	22
McConnell River (outside of MBS)	57
Middle Back River	9
Melbourne Island	5
North Spicer Island	51
Prince Leopold Island (outside of MBS)	14
Scott Inlet	39
Seymour Island (outside of MBS)	19
South Eastern Victoria Island	6

Expert credentials:

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