



Arctic Seal Illness Update

**Climate, Ecosystem and Human Health Working Group
December 15, 2011**

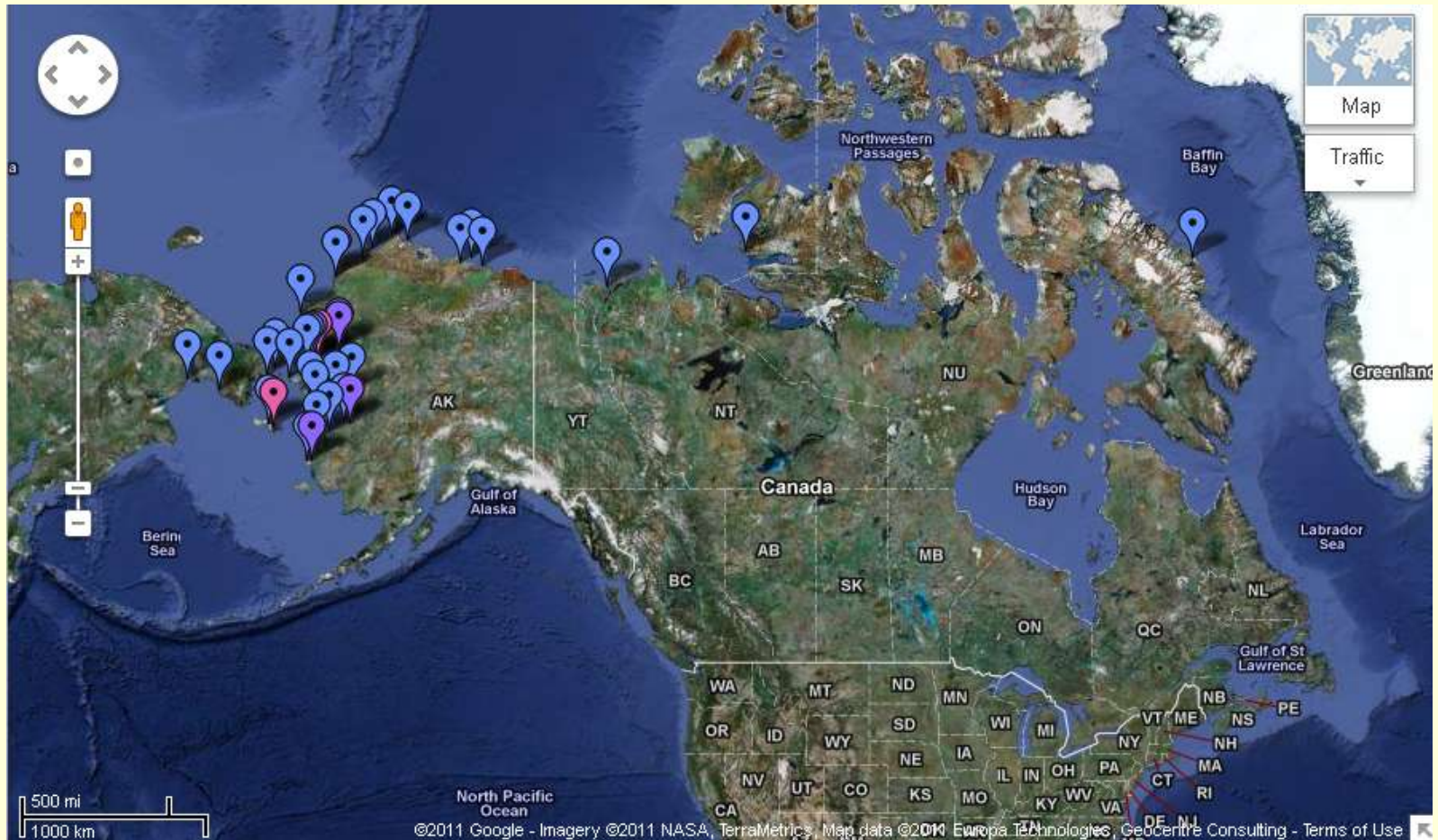
Impacted (Observed) Communities

Alaska (24): Wainwright, Point Lay, Wales, Barrow, Point Hope, Kotzebue, Hooper Bay, Nome, Golovin, Koyuk, Shismaref, St. Michaels, Chevak, Kotlik, Mountain Village, Unalakleet, Brevig Mission, Buckland, Gambell, Diomedes, Elim, Hooper Bay, Nightmute, Scammon Bay

Canada (3): Ulukhaktok NT, Tuktoyaktuk, NT, Clyde River NU

Russia (3): Enmelen Chukotka, Uelkal Chukotka, Lavrentia, Chukotka

Seal and Walrus Observations – All Sites



- Ringed seals - blue
- Bearded seals - purple
- Spotted seal - pink
- Walrus - red

July 2011

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Ringed seals - green
Harbor seals - yellow
Walrus - red

Host: Center for Climate and Health, ANTHC
email: mbrubaker@anthc.org

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Point Barrow (Alaska)

July 13, ringed seal. Stranding (1). Contact: Jason Herreman. Animal appeared to have a skin disease. Mange? Not normal molt. Seemed fat and healthy otherwise.

Point Barrow (Alaska)

July 15, ringed seal. Stranding (1) Contact Jason Herreman. Lying on beach, bloody whiskers, blood spot on ?, bloody claw. Good health otherwise, very feisty.

Point Barrow (Alaska)

July 17, ringed seal. Stranding (1). Contact Jason Herreman. Seal. Half molted. Tag placed on fully molted portion of head.

Point Barrow, Alaska

July 28, ringed seal. Stranded (1). Contact: Jason Herreman. 90% molted used 6.5 mount on flipper tag, claw marks in several places from what appeared to be fighting

Uelkal, Chukotka (Russia)

July 28, ringed seal. Mortality (1) Contact: Eduard Zdor

Uelkal, Chukotka (Russia)

July 30, ringed seal. Mortality (1). Contact: Eduard Zdor

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August 2011

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Elephant seals - pink
Harp seals - green
Harbor seals - yellow
Walrus - red

Host: Center for Climate and Health,
ANTHC email: mbrubaker@anthc.org

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St Lawrence Island (Alaska)

August 1 (starting), ringed seals, stranded (numerous)

Uelkal, Chukotka (Russia)

August 1 - 30, ringed seal. Stranded (2), Mortality (14) Contact: Eduard Zdor. Stranded: 08/30 - 2, actually the observer did not record all. Mortality: 08/01 - 1, 08/02 - 1, 08/03 - 3, 08/04 - 2, 08/12...

Wainwright (Alaska)

August 8, ringed seal, stranded (12), mortality (4). Reported south of Wainwright.

Point Barrow (Alaska)

August 8 to August 29, ringed seals. Stranded (52), mortality (28). Contact: Jason Herreman.

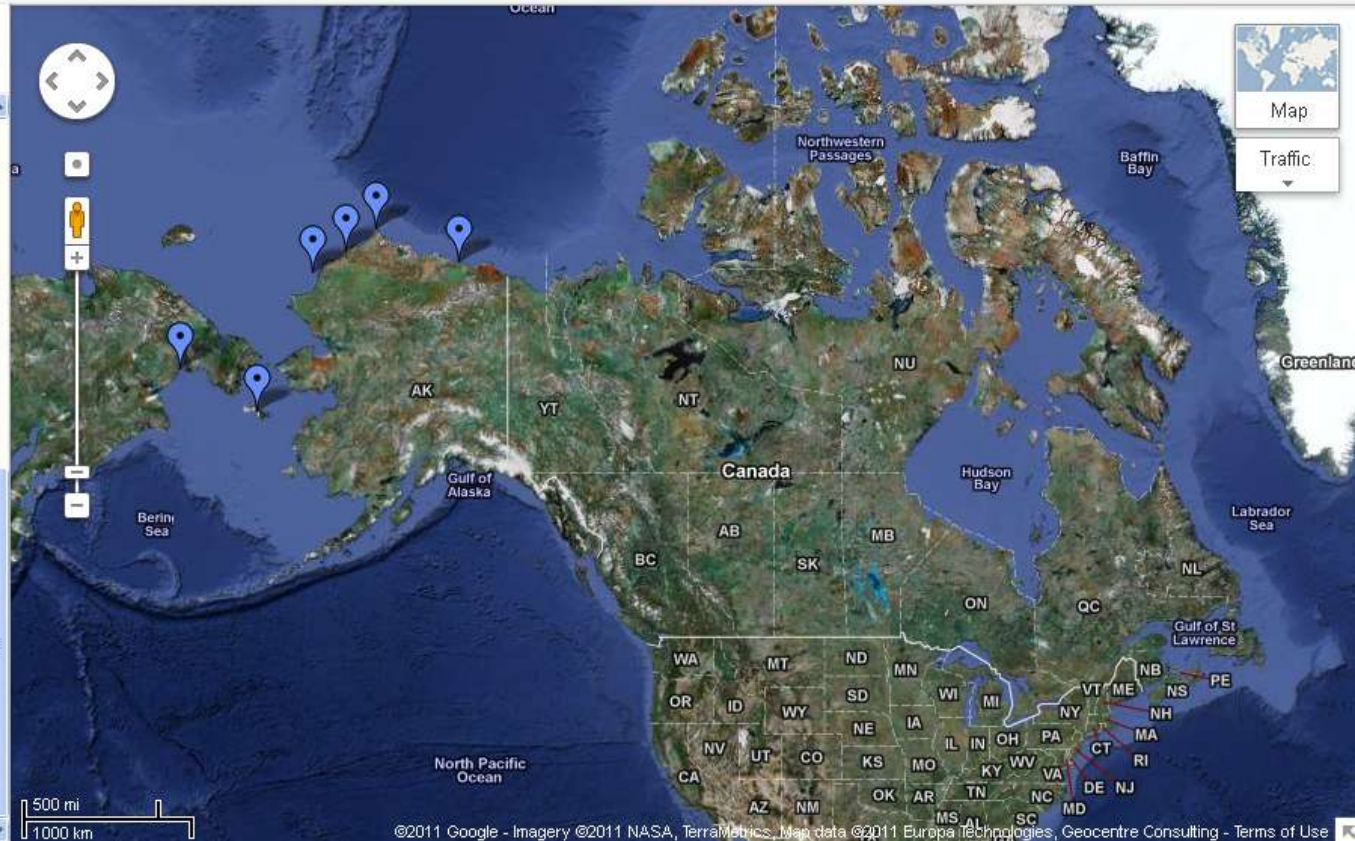
Point Lay (Alaska)

August 22, ringed seal, stranded (number unknown) Source: Jason Herreman

Prudhoe Bay (Alaska)

August 28-29, ice seal, mortality (2).

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September 2011

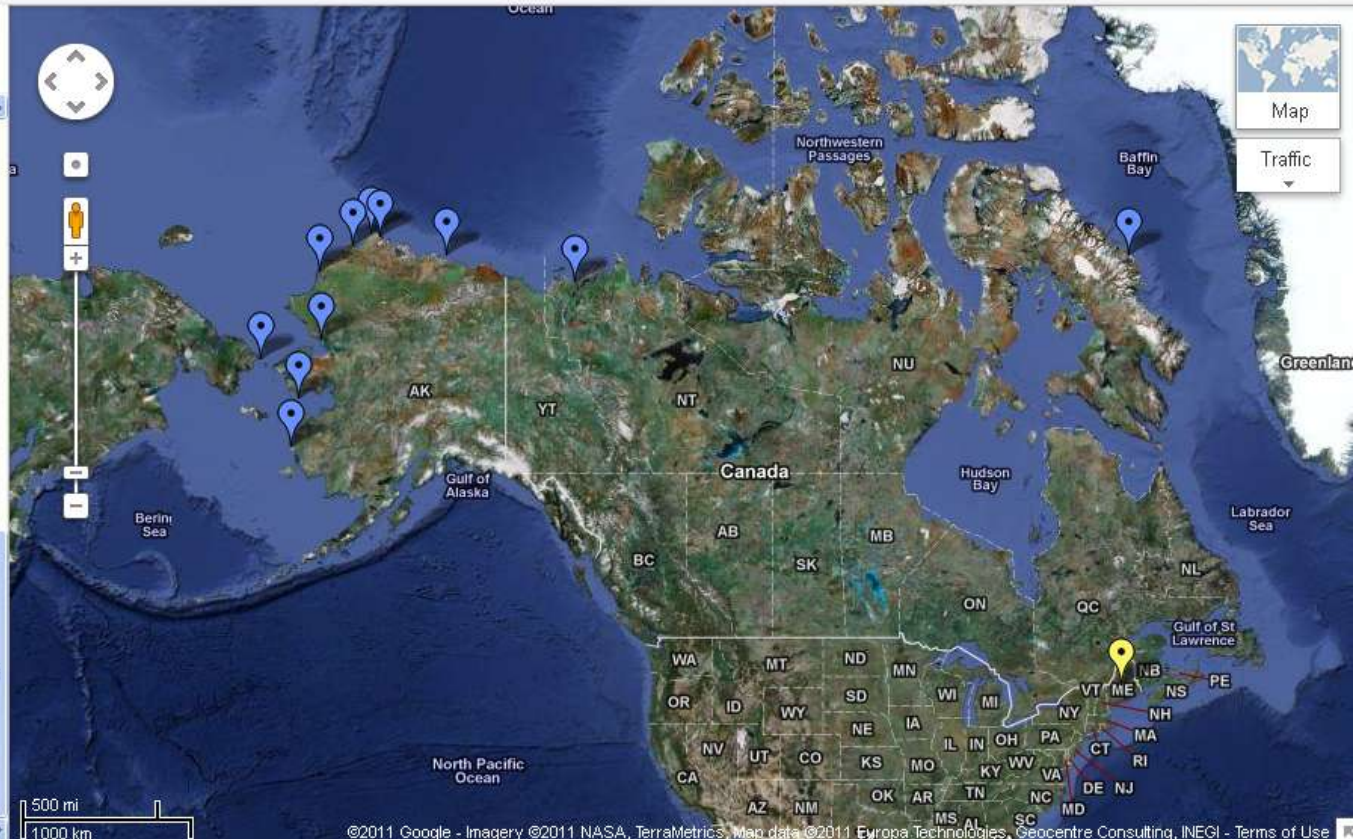


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- Cross Island (Alaska)**
September 1, ringed seal, mortality (5) Bears chasing onshore and then killing seals.
- Point Barrow (Alaska)**
September 1 to September 29, ringed seals. Stranding (45), mortality (15) Contact: Jason Herreman.
- Peard Bay (Alaska)**
September 5, ringed seal, mortality (12) Carcasses looked older (<1 week old), not fresh.
- Kotzebue (Alaska)**
September 9, seals stranded (1)
- Chukotka (Russia)**
September 10, ringed seal (?) Source: Jason Herreman, NSB.
- Point Lay (Alaska)**
September 12, Walrus (600+?) Alaska Dispatch
- Hooper Bay (Alaska)**
September 13, seal (numbers unknown)
- Nome (Alaska)**
September 14, seals (numbers unknown) Contact: Gay Sheffield
- Clyde River, NU (Canada)**
September 16, seal (numbers unknown) fed to dogs. Contact: Ole Nielsen
- Cooper Islands (Alaska)**
September 22 seal, stranded (1) mortality (2) Also eider duck (1)
- Tuktoyaktuk, NT (Canada)**
September 23, ringed seals, mortality (5) Contact: Ole Nielsen

Report a problem



October 2011

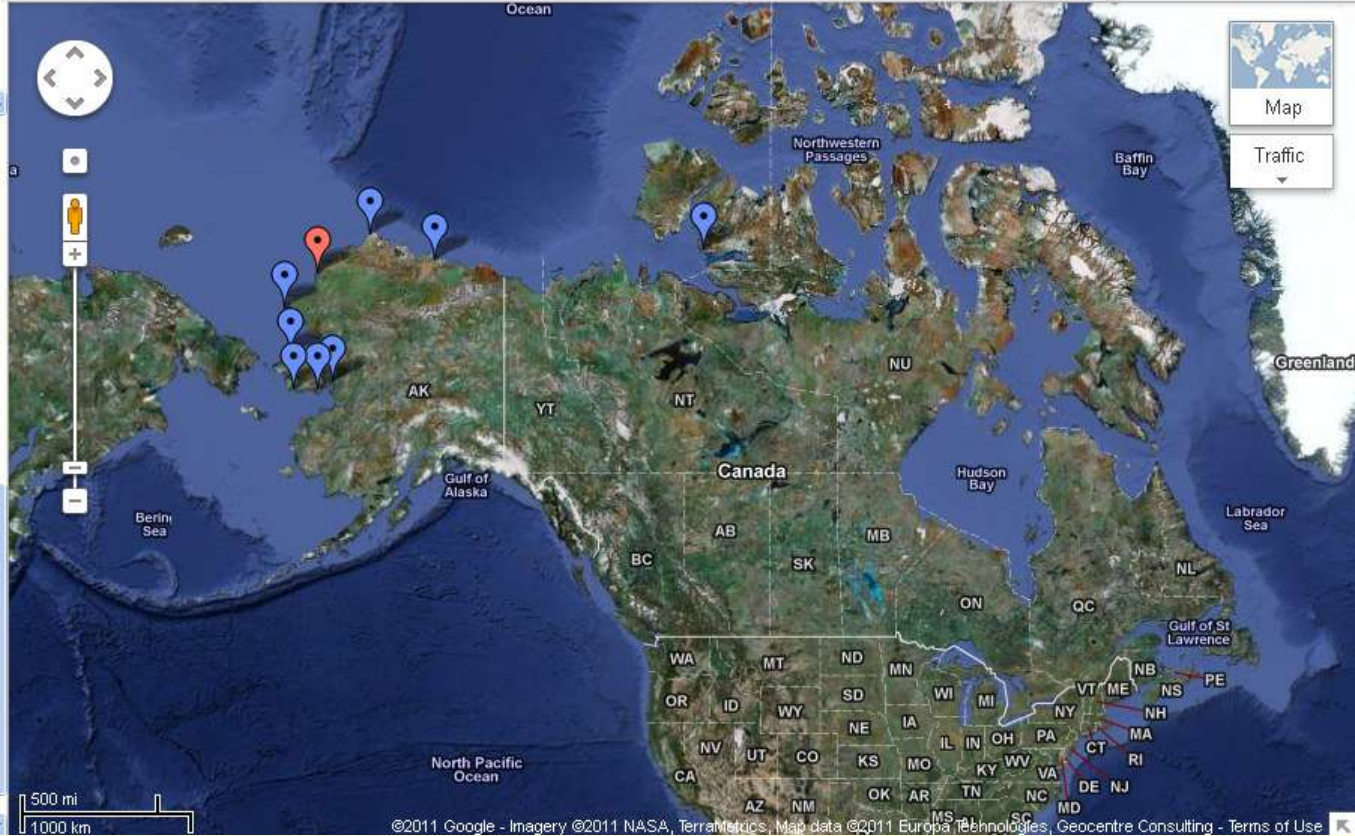


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- Ulukhaktok, NT (Canada)**
Date?, ringed seal, mortality (1). Contact: Ole Nielsen
- Barrow (Alaska)**
October 3 to October 19, ringed seals. Stranded (9), Mortality (3). Contact: Jason Herreman.
- Point Lay (Alaska)**
October 6, walrus. Mortality (1). Contact: Jason Herreman.
- Nome (Alaska)**
Oct 7 - Nome. A live ringed seal with bald patches was reported to be hauling out several days in a row on a floating active dredge.
- Golovin (Alaska)**
October 9, ringed seal. A ringed seal pup was observed with lesions around the mouth and with labored breathing. Contact: Stranding Network NOAA.
- Koyuk (Alaska)**
October 11, harvested ringed seal (1)
- Prudhoe Bay (Alaska)**
October 13, ringed seal, stranded (several) predation by bears.
- Point Hope (Alaska)**
October 15, ringed seal, stranded (15), mortality (1)
- Shishmaref (Alaska)**
October 22, ringed seal. Harvested with signs of fur loss. Sent to Fish and Wildlife. Ref: Gay Sheffield



Kotzebue – 575,419 lbs (CSIC 1991)

