



No. 297 September 29, 2016

LEO Network - See posts about unusual environmental events from the Local Environmental Observer Network such as a lake drying in Nome and subsistence season comes early to Nelson Lagoon, and more. [ANTHC](#)

Clime Map - See news articles about events around the circumpolar north. High winds cause power outages across south-central Alaska, Victoria Island breaks late September temperature record, and more. [ANTHC](#)

Shaktoolik Plans to “Stay and Defend” Current Location September 26, 2016 Lauren Frost - This August, representatives from Shaktoolik completed a strategic management plan to protect their community from erosion and violent storms. The plan lists nine critical actions, including replacing the health clinic, reinforcing the berm, and building an evacuation center. All of these critical actions are part of the village’s larger goal of remaining at their current site, rather than relocating. [Alaska Public Media](#)

Decline in Northern Bird Populations 'Serious', Say Bird Experts September 26, 2016 Heather Avery - A new report shows the results of the latest continental bird count are alarming, and birdwatchers say it's a dire situation even in the North. The report from Partners In Flight, a coalition of conservation organizations, says 86 species in North America are now threatened by habitat destruction and climate change. [CBC News North](#)

Where Ice Once Crushed Ships, Open Water Beckons September 24, 2016 Andrew C. Revkin - This month, as the luxury cruise ship Crystal Serenity completed its pioneering transit of the Northwest Passage, a Canadian expedition announced the discovery of the Terror, a British ship that vanished along the same general Arctic route some 170 years ago. All 129 men on what was known as the Franklin expedition died. [New York Times](#)

He's Watching the World Melt September 20, 2016 John D. Sutter - For more than four decades, George Divoky has spent his summers (mostly alone) on Cooper Island, north of the Alaska coast. He's watched the Arctic melt, and he's seen how those changes have devastated the black guillemot, a tiny bird he studies. [CNN News](#)

Ocean Warming Is Already Affecting Arctic Fish and Birds September 8, 2016 Hannah Hoag - A new report finds that the “staggering” rate of warming in the world’s oceans is shifting fisheries, spreading disease and altering the behavior of many marine species around the world – including in the Arctic. For example, by 2011, mackerel had found their way into Greenlandic waters, prompting the launch of a new fishery. Three years later, the mackerel fishery made up 23 percent of Greenland’s export earning despite being unknown previously to Greenland’s cold waters. [Arctic Deeply](#)

Greenland Rising as Ice Melts September 23, 2016 Charlotte Hsu - A new study on the Greenland Ice Sheet provides valuable insight on climate change, using unique research methods to establish new estimates of ice loss for both modern and ancient times, says UB geologist Beata Csatho, one of more than a dozen team members on the international project. [Science Daily](#)

Video: Safe Water for Rural Alaska - Bringing potable water to rural Alaska presents many challenges. One innovative solution to this challenge is discussed in this video. [Youtube](#)

For back issues of The Northern Climate Observer please visit our archive at the [Alaska Medical Library](#).

For more information, or to subscribe or unsubscribe, click [here](#).