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LEO Network - See posts about unusual environmental events from the Local Environmental Observer Network. Tufted and Horned Puffin die –off and mosquitos in Haida Gwaii in November, and more. [ANTHC](#)

Clime Map - See news articles about events around the circumpolar north. Bering Strait community breaks two temperature records, Arctic wildlife already feeling climate change in Finland, and more. [ANTHC](#)

Mapping Invasive Tunicates in Sitka Waters November 2016 Tammy Davis - Globally, marine habitats are under threat by habitat destruction, pollution, and climate change- all driving losses in biodiversity. Some argue invasive species are an equal, if not the greater, threat to marine ecosystems. Why should we worry about introduced species when many of them provide food, recreation, or jobs? [Alaska Department of Fish and Game](#)

As Climate Changes, Meteorologists Relying Less on ‘Using the Past to Inform the Future’ October 28, 2016 Tim Ellis - National Weather Service meteorologist Rick Thoman predicts more snow, more cold snaps – more normal winter weather – in Alaska this year now that the El Nino phase that helped make last winter so mild has moved on and been replaced by a La Nina. At least, that’s what’s happened in previous years. But he says climate change has made forecasting in the Arctic more challenging. [KUAC](#)

Potential Ice-Melt ‘Hot Spots’ Identified in Arctic Ocean October 26, 2016 Thomas Rippeth - Sea ice melts because of the atmospheric temperature, and due to heat from warm water. Relatively warm currents flowing into the Arctic waters from the Atlantic Ocean provide the largest oceanic heat input to the region, bringing enough heat to completely melt Arctic sea ice cover within two years. This inflowing Atlantic water has warmed by 1°C since the 1970s, and is warmer than it has been for at least 2,000 years. [The Arctic Journal](#)

How a Changing Climate Is Shaping a Leaf Peeper’s Paradise November 2, 2016 Craig S. Smith - A century ago, the flaming fall foliage in Nova Scotia would have long faded by early November. But today, some of the hills are still as nubby with color as an aunt’s embroidered pillow. Climate change is responsible, scientists say. As the seasonal change creeps later into the year, not only here but all across the northern United States and Canada, the glorious colors will last longer, they predict. [The New York Times](#)

Video/Report: New Bumble Bee, Flower Fly Species Discovered in Denali National Park October 23, 2016 KTVA News Reporter - Two new species of pollinating bugs have been discovered in Denali National Park and Preserve, according to park officials. The new species were discovered during a 2012 pollinator survey in the park, a statement from park officials explained. “I think these two new discoveries really highlight the fact that there is still so much to learn about invertebrate biodiversity in Alaska,” Jessica Rykken, an entomologist at Denali National Park and Preserve, said in the statement. [KTVA News](#)

Video: NASA Video Shows Rapid Decay of Arctic Ice October 31, 2016 - A time-lapse video released by NASA shows the rapid shrinking of the Arctic ice shelves over three decades, highlighting the catastrophic changes global warming is having on our environment. “What we’ve seen over the years is that the older ice is disappearing,” said Walt Meier, sea ice researcher at NASA’s Goddard Space Flight Center in the October 29 video. [9news.com](#) via NASA

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