



Climate and Health E-News (No. 224) November 13, 2014
Climate Change and Public Health in the Circumpolar North

Local Environmental Observer (LEO) Network – Please see our new [LEO Network – Fall 2014](#) map for new posts about a sleeper shark caught in Shishmaref and a skin illness in trout from Quinhagak. Visit our map [archive](#) and follow us on [Facebook](#).

Climate Events in the Circumpolar North - View our [Fall 2014 Map](#) for news reports about Arctic fox and sea bird population collapse in Iceland, and a storm related train derailment on Sakhalin Island Russia, the Bering Sea typhoon and flamingos in Siberia. See our map archive [here](#).

Gulf of Alaska warmest in seventeen years November 17, 2014. *Yereth Rosen* - Waters in the Gulf of Alaska were unusually warm this fall, up to 5 degrees above normal in the top 300 feet of water. Heat absorbed more than a year ago helped lead to the warmer conditions. There were many more jellyfish spread across the water this year, Hopcroft said. "We saw that by just looking over the boat," he said. Elsewhere in the Gulf region, surprised fishermen netted skip jack tuna and spotted massive ocean sunfish. [Alaska Dispatch News](#)

Expert predicts ice free Arctic by 2020 November 2, 2014. *Craig Medred* - One of the leading authorities on the physics of northern seas is predicting an ice-free Arctic Ocean by the year 2020. That's about two decades sooner than models have indicated that the Arctic might fully open. This data shows ice volume "is accelerating downward," says Peter Wadhams, professor of applied mathematics and theoretical physics at the University of Cambridge in England. "There doesn't seem to be anything to stop it from going down to zero. [Alaska Dispatch News](#)

Low levels of Fukushima radioactivity detected off California November 10, 2014. Radioactivity from the 2011 Fukushima Dai-ichi Nuclear Power Plant accident have been detected in sea water, 100 miles due west of Eureka, California. Scientists at the Woods Hole Oceanographic Institution found trace amounts of radioactive compounds during ocean monitoring. The levels are 1000 times lower than acceptable limits in drinking water set by US EPA. [WHOI](#) See also: November 11, 2014 - *Testing shows no radiation in Cook Inlet*. [Peninsula Clarion](#)

Climate change and groundwater temperature November 11, 2014. A new study by researchers from ETH Zurich investigated long-term temperature measurements of groundwater from the cities of Cologne and Karlsruhe. Groundwater down to a depth of sixty meters has warmed significantly over the last forty years, following patterns of local and regional climate. [ScienceDaily](#)

Video of the week – Night skiing Alyeska October 19, 2014. Despite the lack of snow, it is the time of year when skiers begin dreaming of the slopes and praying for snow. We could not resist sharing this video with our skiing friends. So take a three minute vacation to Alyeska for some amazing ski footage and join us in channeling some positive thoughts for a snowy winter. [Sweetwater Productions](#)

The Climate and Health E-News is read by people who are interested in climate change and public health in the circumpolar north. For back issues at the Alaska Medical Library, click [here](#). To subscribe or unsubscribe, click [here](#).

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