

Alaska Center for Climate and Health E-News
Raising Awareness about Climate Change Impacts on Public Health
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Glacier Projections Raise Questions About Water Security (January 19, 2011) Most of Alaska's glaciers and ice fields will shrink by 25 to 60 percent over the next nine decades, according to new findings published last week in the journal Nature Geoscience. In Alaska this raises questions about the future of hydroelectric projects and drinking water sources such as Anchorage's Eklutna Lake, and streams that rely on glacial melt for its summer flow. [Alaska Dispatch](#)

Climate Change May Affect Arctic Biodiversity (January 18, 2011) An article in the journal "Nature", examines how climate changes can be influential for species to cross-breed, creating hybrids for offspring. Such hybrids have been evident in arctic bears, whales, porpoises, seals and other mammals. They found that large losses of sea ice removed continent-sized barriers against interbreeding. The article describes how this can sometimes create new species, but is most often harmful to the populations for the existing ones. [Juneau Empire](#)

Warming Climate Means Red Deer Rutting Season Arrives Early (January 16, 2011) Wild red deer on the Isle of Rum in are rutting earlier in the year, a study shows. Scientists believe the annual rutting season on the Isle of Rum in Scotland could be changing because of warming spring and summer temperatures. The study shows that the rutting and calving seasons are now up to two weeks earlier on average compared with 30 years ago. [ScienceDaily](#)

Engineers Say Technology Needed to Protect Village Water From Climate Change (January 14, 2011) There are still 4000 homes in rural Alaska that don't have access to piped water or sewer. Many more are using aging systems that need upgrading. And an unlikely culprit- climate change is forcing government officials and engineers to look at using new technologies to correct the problem. [Listen: Alaska Public Radio Network](#)

Alaska Climate Events Map, Weekly Updates – ANTHC (January 19, 2011) Thin ice and high winds. [See our Google Map](#). Note: we have encountered an error with Google Maps that we are trying to fix. If you get the base map, but not the January map, just *click the "previous page" arrow*.

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Regards - Mike

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