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Autumn 2020 Alaska Weather & Climate Highlights



Utqiagvik tied for 3rd warmest November, 15.3F above normal

Sea Ice autumn Chukchi Sea ice extent 39% of average

> Nome 5th warmest autumn, 5.0F above normal

Wiseman September rainfall 189% of normal

Fairbanks autumn snowfall 33.5", 2nd highest since 1996

Bethel Kuskokwim River partial melt mid-November

Anchorage winter snowpack on November 8, earlier than most recent years

Yakutat autumn precipitation 34% below normal

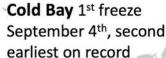


Haines Hwy November snowfall 70"

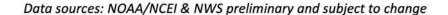
Ketchikan 5st wettest November 30.05" rain

Kodiak drought ending rain late September

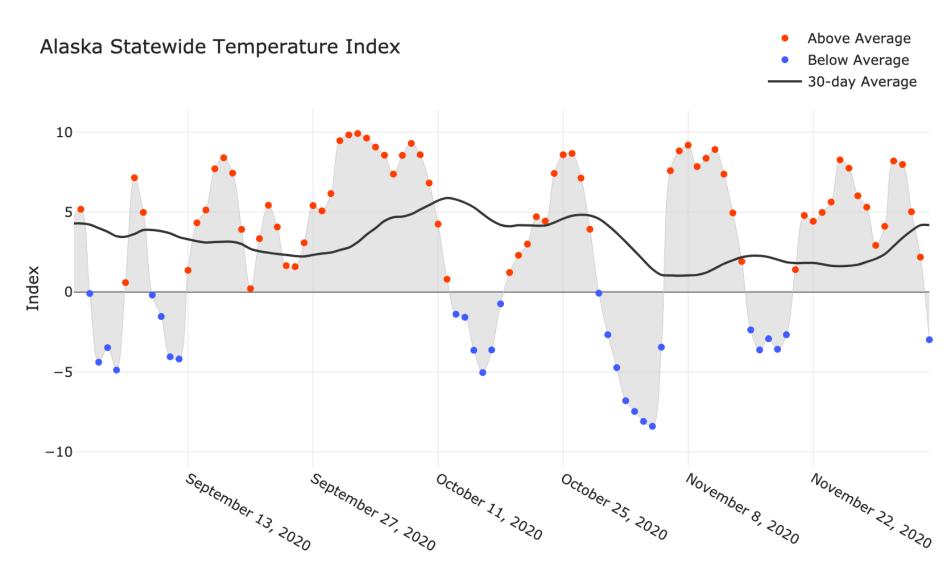




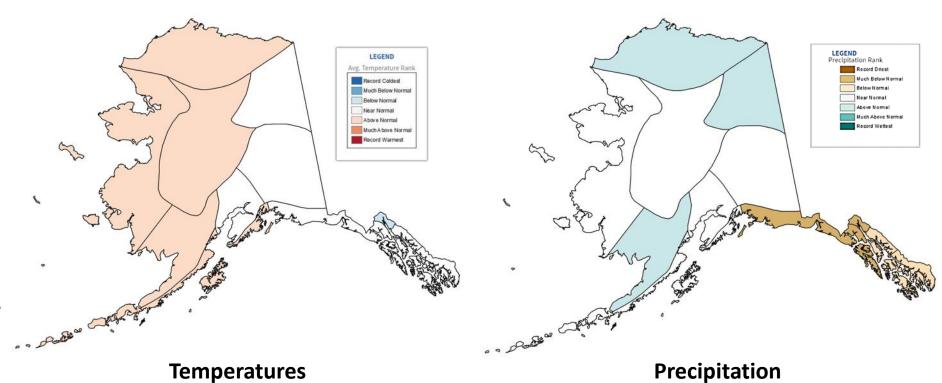




Alaska Daily Temperature Index



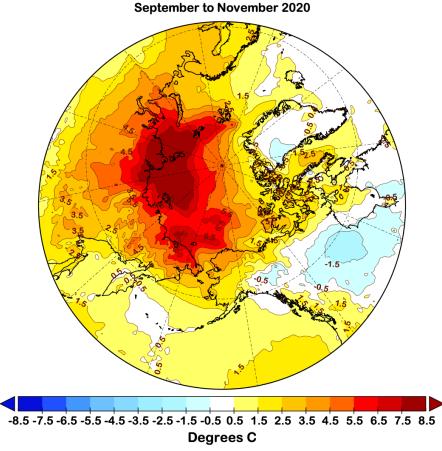
Alaska Regional Autumn (Sep-Nov) 2020



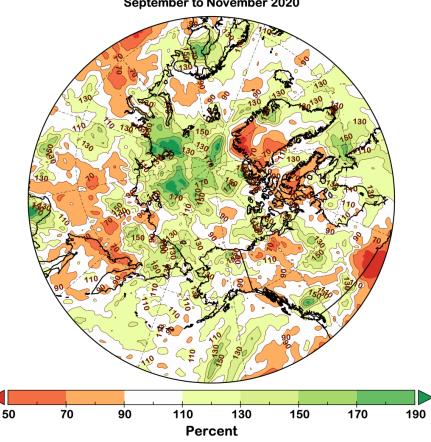


Autumn 2020 Arctic-wide

Temperature Departure from Average



Total Precipitation: Percent of Normal
September to November 2020



Temperature Departures from Average

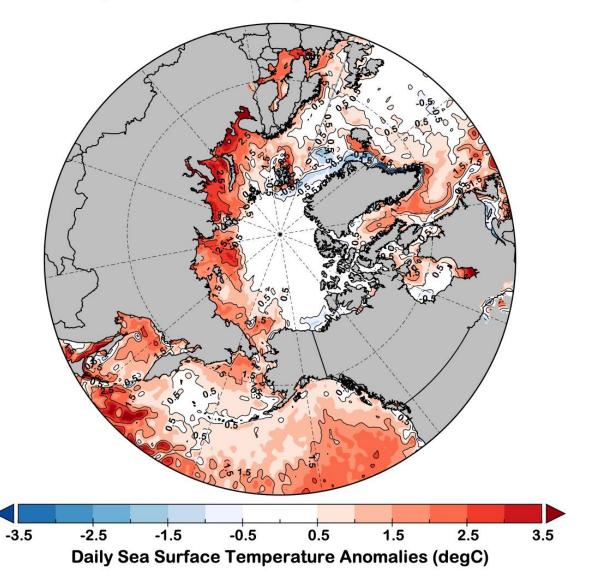
Precipitation Departures from Average



Data: ERA5 courtesy of EMCWF/Copernicus 1981-2010 Baseline

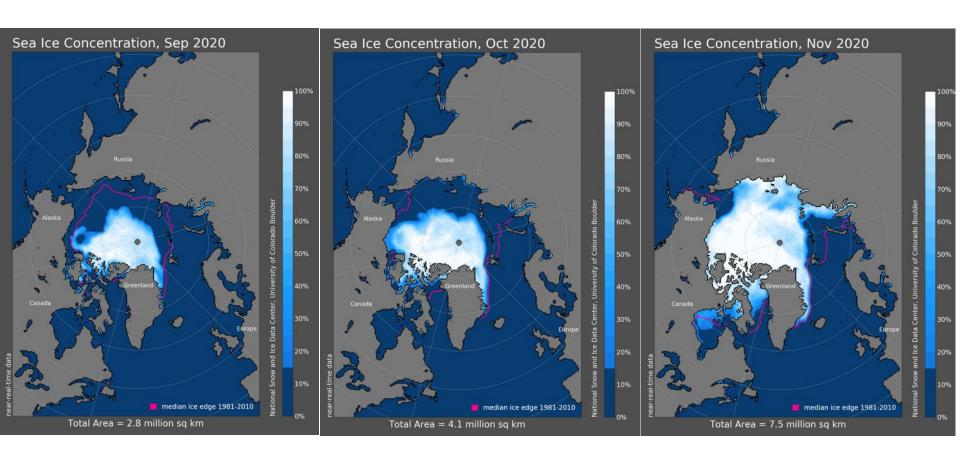
Autumn 2020 Ocean Temperatures

Daily Sea Surface Temperature Anomalies





Sea Ice Autumn 2020

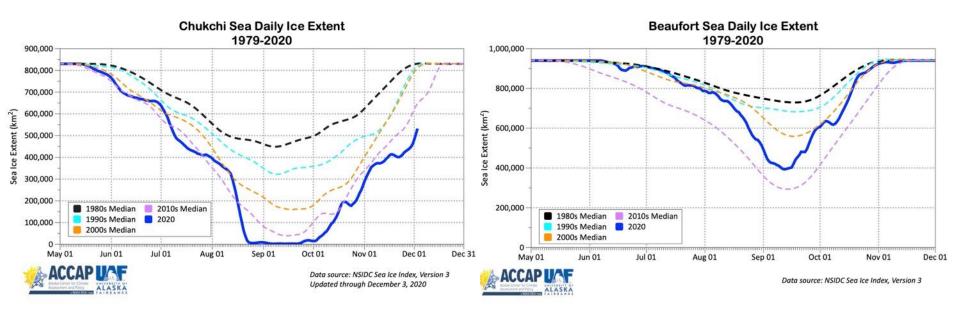


2nd lowest 1st lowest 2nd lowest



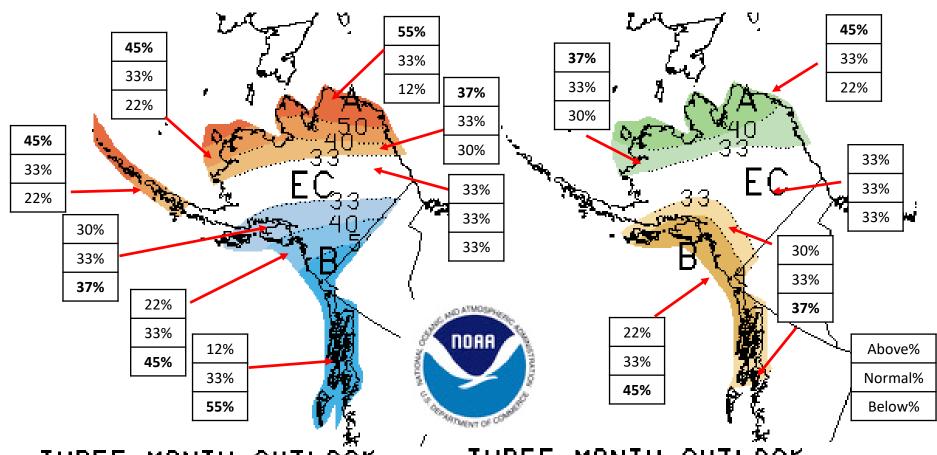
Since 1979

Daily Chukchi & Beaufort Seas Ice Extent





CPC December 2020 to February 2021 Outlook



THREE-MONTH OUTLOÖK TEMPERATURE PROBABILITY O.5 MONTH LEAD VALID DJF 2020

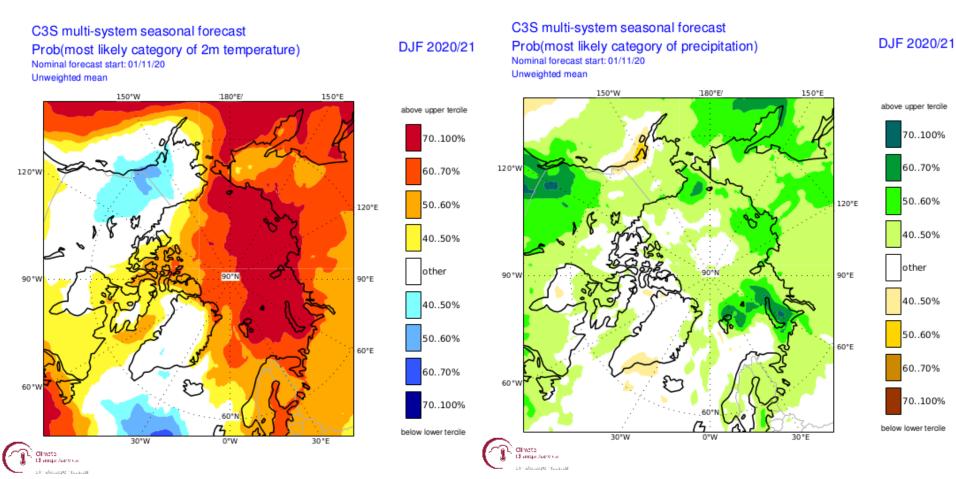
THREE-MONTH OUTLOOK PRECIPITATION PROBABILITY 0.5 MONTH LEAD VALID DJF 2020 MADE 19 NOV 2020





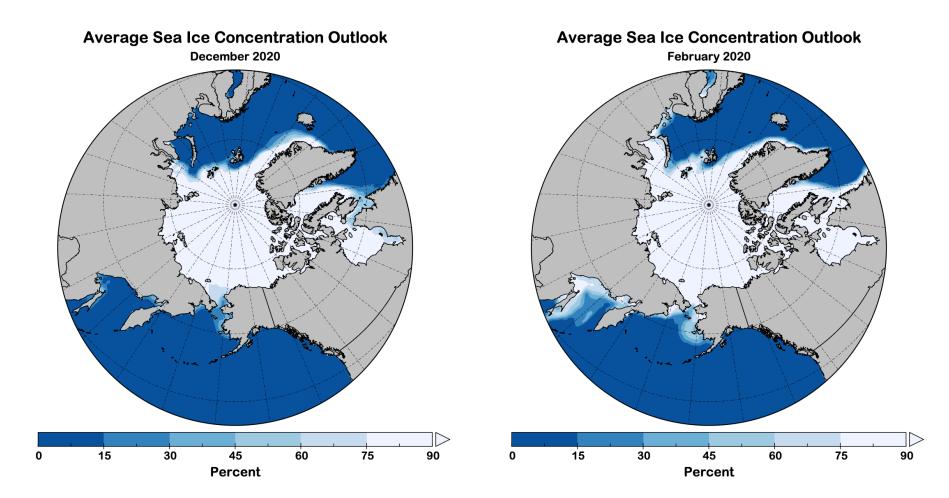


Winter 2020 Arctic Temp and Pcpn Outlook





Winter 2020-21 Sea Ice Outlook





Data: NOAA/Climate Prediction Center Exp. Sea Ice Outlook

Landslide near Klawock October 26, 2020



