Local Environmental Observer 2016 Climate Review

Rick Thoman National Weather Service Feb 21, 2017





Alaska climate in 2016 A year of records

- Warmest year over both land and oceans
- Average wildfire year...but
- Monthly extremes of wet and dry
- Low snow, low sea ice
- Early river ice break-up

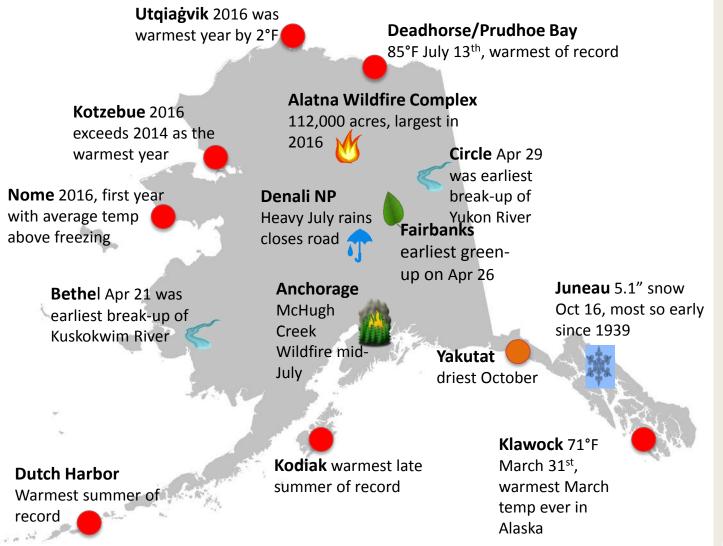


Utqiagvik Oct 25, 2016



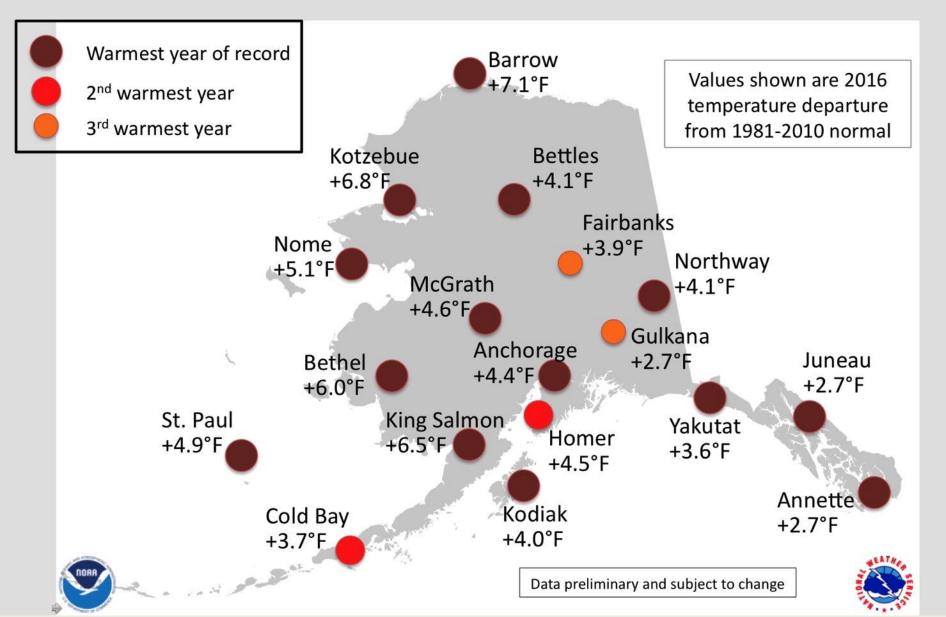


2016 Highlights

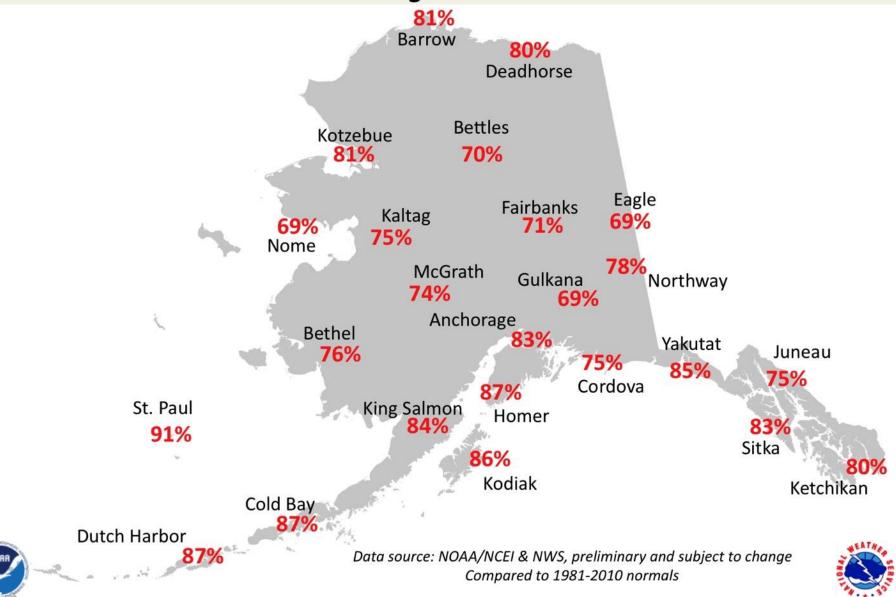




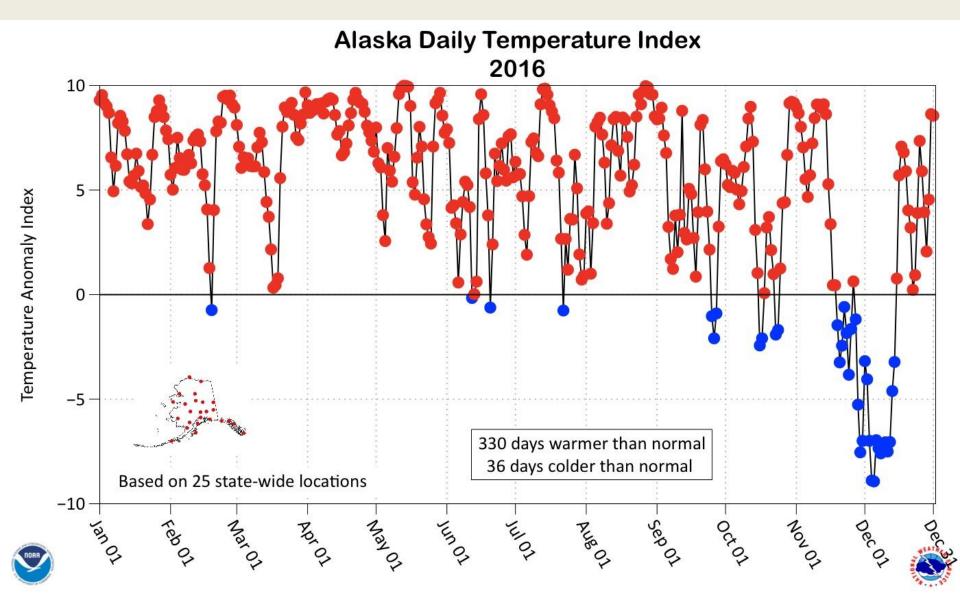
2016 Alaskan Warmth



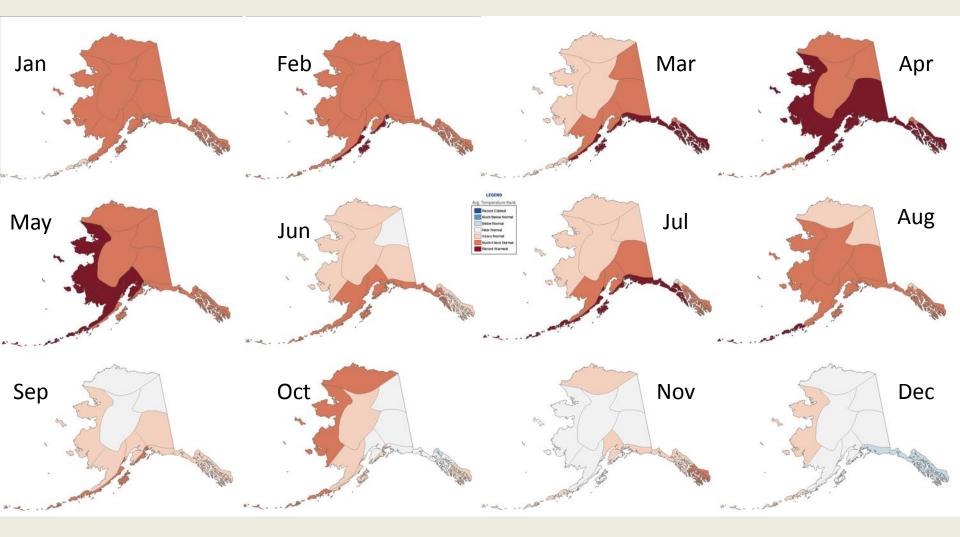
2016 Alaska Warmth Percent of days above normal



2016: Persistent Warmth



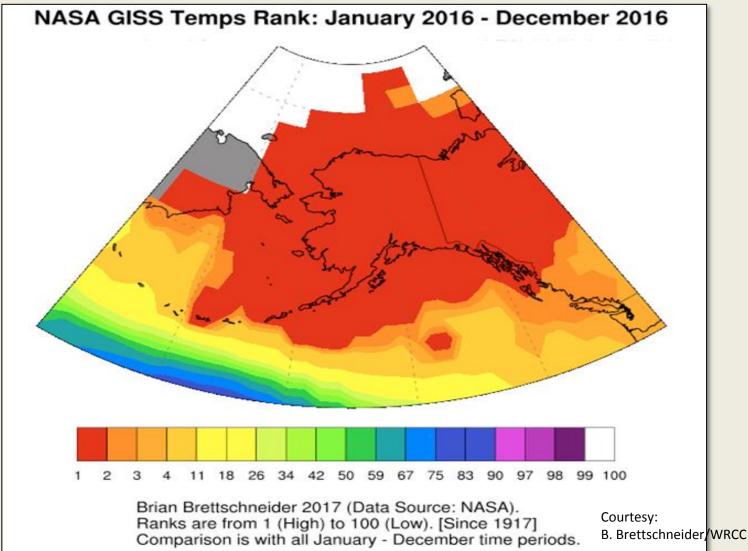
Warm through the Year







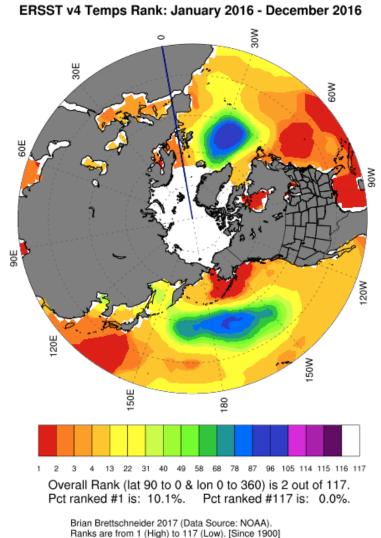
Rank of 2016 Temperatures Compared to past 100 years



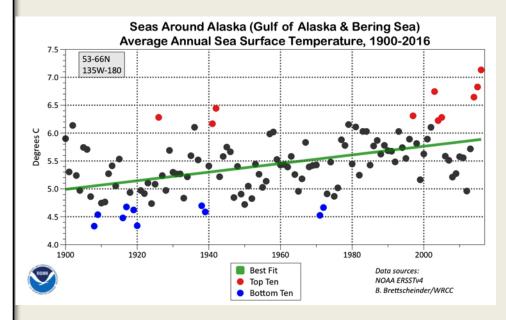




Warming Oceans around Alaska

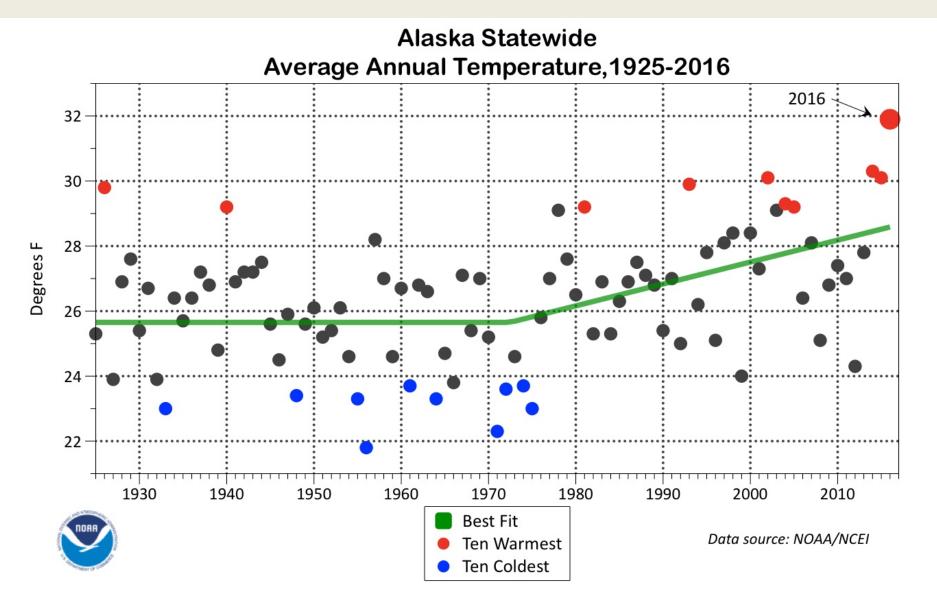


Comparison is with all January - December time periods.





Alaska Yearly Temperatures



Three-Year Alaska Temperatures

