

National Weather Service

Our relationship with General Aviation

Who we are

Our Mission: Protect Lives and Property

Our Method: Provide accurate forecasts and forecast products.

Weather Forecasting Office (WFO) Fairbanks

We provide local forecasts for Alaska, everything north of the Alaska Range.

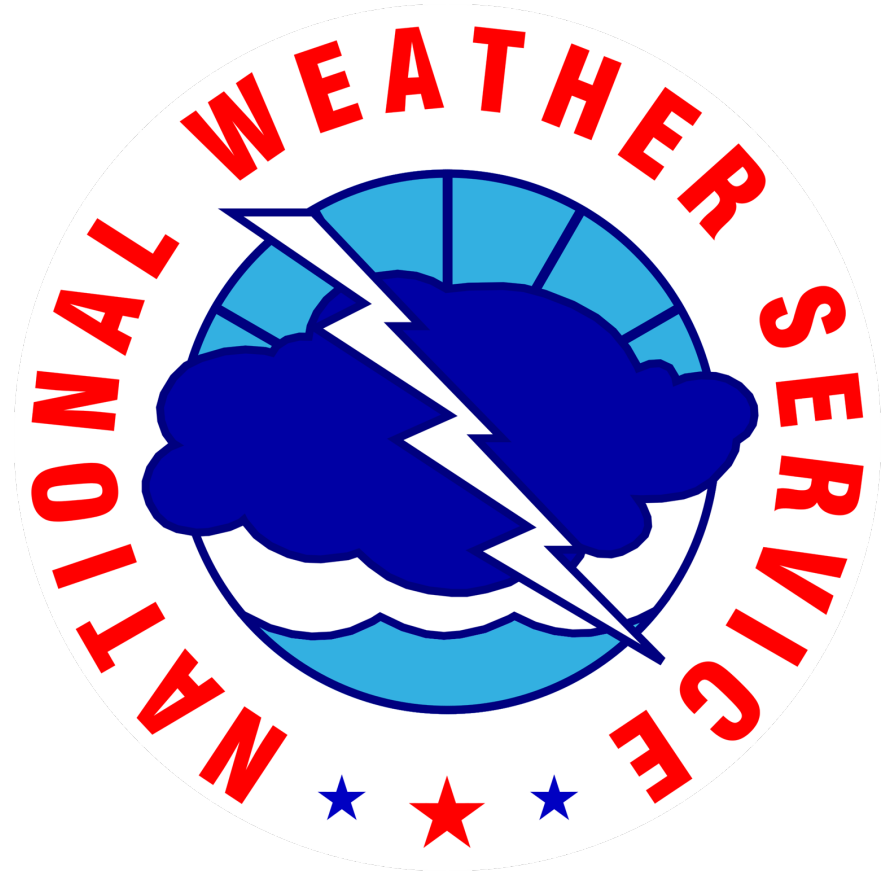
Other offices:

WFO Anchorage

WFO Juneau

Alaska Aviation Weather Unit (AAWU)

Alaska Pacific River Forecast Center (APRFC)



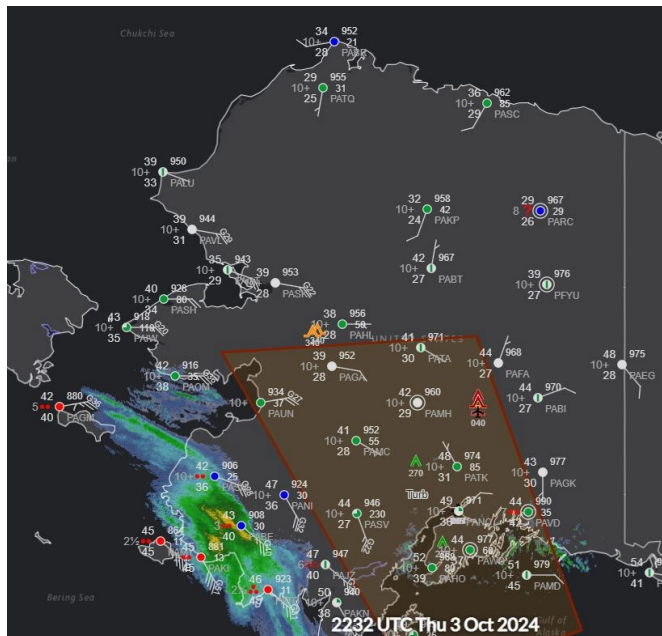
What we do

WFO Fairbanks provides local area forecasts and writes the TAF for Fairbanks International and 11 other sites north of the Alaska Range.

Alaska Aviation Weather Unit (AAWU) produces Aviation products like the

- Area Forecasts (FA)
- AIRMET
- SIGMET
- CWA
- Winds and Temperature Aloft Forecasts (FD)

The AAWU also serves as the local **Volcanic Ash Advisory Center (VAAC)**

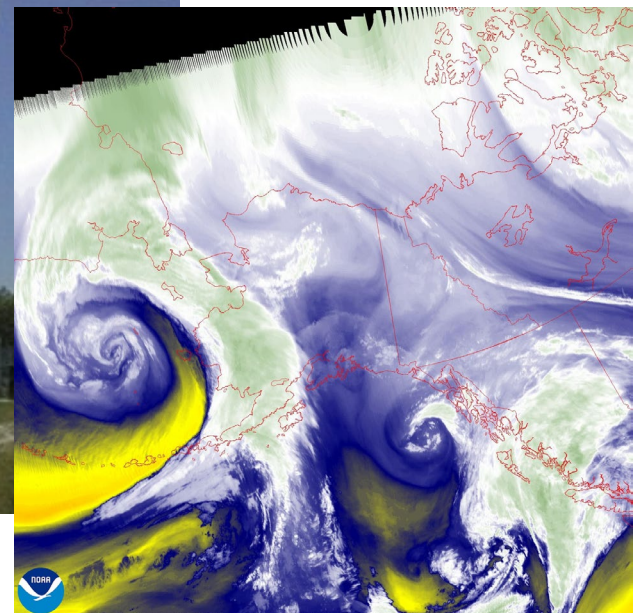
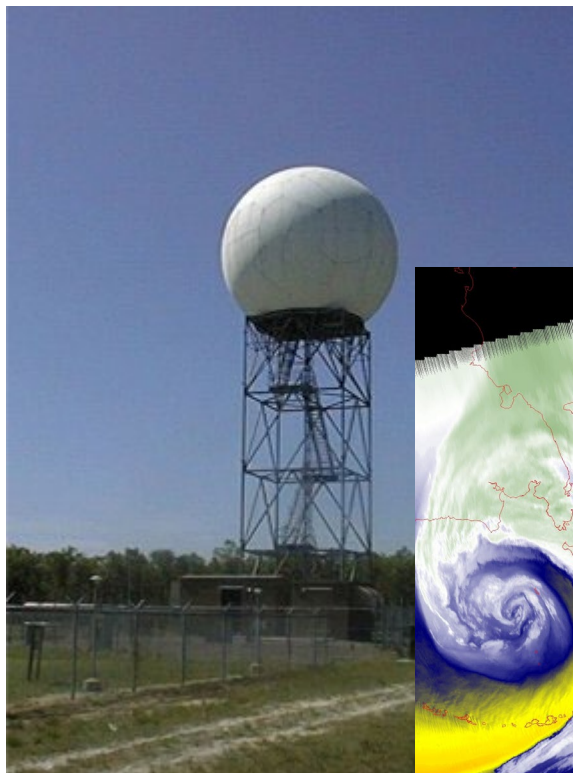


How we do it

We utilize observations, forecaster experience, and tools such as models, radar, and satellite to produce our Forecasts.

Forecasting in Alaska presents certain challenges:

- Few Observations
- Radar and Satellite Limitations
- Unique Weather Patterns
- Large Seasonal Differences
- Immense Area



If you have any questions

You can contact us by

Email: fairbanks.weather@noaa.gov

Phone: 907-458-3700

You can contact the AAWU at

Email: nws.ar.aawu.webauthors@noaa.gov

Phone: 907-266-5110

Additional details in pamphlet

