

## Community Outreach

WFO Juneau is active in public outreach through tours, demonstrations, and lectures on a variety of weather related topics.

WFO Juneau has a rich tradition of community outreach activities. Our staff is available for community activities such as classroom projects, exhibitions, informative talks, and tours of our facility. Call us for more information.

## Weather Spotters

Volunteer weather "spotters" help fill in the data gaps and provide "ground truth" observations that can save lives and property. We are continuously adding to our Spotter Network and offer training to volunteers who act as our eyes and ears during hazardous weather. Call us for more information.

## Cooperative Observers Network

COOP Observers have always been an important part of forecasting in Alaska. These dedicated volunteers report their daily observations of temperature and precipitation. The data collected establishes a climate data base truly representative of where people live, work, and play.



Lincoln Rock

## Need more information?

If you have any questions or interest in any of our services, outreach, or volunteer programs, please contact our office at (907) 790-6800.

## How to get our forecasts

**Internet:** <http://www.weather.gov/juneau>

### *NOAA Weather Radio*

Weather information for areas in Alaska is broadcast continuously over NOAA Weather Radio. Special receivers can be purchased which will pick up the warning alarm tone or Emergency Alert System signal - even when the radio is off - when hazardous weather is imminent.

Weather Channel 1	162.550 MHz	Juneau, Ketchikan, & Sitka
Weather Channel 2	162.400 MHz	Wrangell, Haines, & Yakutat
Weather Channel 3	162.475 MHz	Craig
Weather Channel 4	162.425 MHz	Althorp Peak, Cape Fanshaw, & Sukkawan Is.
Weather Channel 5	162.450 MHz	Mt. Robert Barron, Zarembo Is., & Duke Is.
Weather Channel 6	162.500 MHz	Mud Bay
Weather Channel 7	162.525 MHz	Gravina & Mt. McArthur

### *Alaska Weather Information Line*

Forecasts issued by the National Weather Service for all of Alaska are available on the Alaska Weather Information Line. This is a menu system organized by regional areas of the state. For more information, visit: <http://www.arh.noaa.gov/awil.php>.

### Calling the Alaska Weather Information Line

In Juneau, call: 790-6850

Statewide (within Alaska): 1-800-472-0391

Outside of Alaska: (907) 266-5145

# Weather Forecast Office Juneau

Working Together To Save Lives

Serving Southeast Alaska

JUNEAU, ALASKA

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Juneau, Alaska 99801  
TEL: 907 - 790 - 6800  
FAX: 907 - 790 - 6827  
[juneau.weather@noaa.gov](mailto:juneau.weather@noaa.gov)

Recorded Weather Forecasts:  
800-472-0391

<http://www.weather.gov/juneau>



## Forecast Area and Responsibilities

The National Weather Service (NWS) Weather Forecast Office (WFO) in Juneau oversees the Alaska Panhandle. The northern boundary of our region begins just north of Yakutat and extends to the southern tip of Southeast Alaska.

Our area of responsibility totals slightly over 155,000 sq miles (larger than Montana). The Alaska Region encompasses an estimated 33% of the nation's coastlines.

Weather data from observing systems such as radar, surface, satellite, and upper air balloons are collected many times a day and are processed and distributed to each NWS forecast office. NWS staff uses the weather data and computer models to prepare forecasts.



## Forecast Services

WFO Juneau provides weather, hydrologic, and climate forecasts for Southeast Alaska and its surrounding waters.

### Public

When hazardous weather conditions are expected over land for Southeast Alaska, our office issues watches, warnings, and advisories. A variety of severe weather can impact Southeast residents, such as strong winds, blizzards, extreme wind chills, heavy snowfalls, freezing rain, and coastal floods. In addition to these hazardous weather products, we issue a seven-day forecast for our 13 public zones twice daily. These forecasts include temperature, cloud cover, probability of precipitation, and winds.

### Marine

Marine forecasts are specifically tailored to the maritime interests of Alaska. Warnings and advisories are issued for wind speeds and sea state. WFO Juneau issues forecasts of wind speed and direction as well as wave height for 18 marine zones twice a day. These forecasts extend out to five days.



## Fire Weather

During wild fire season (May-August), WFO Juneau issues routine forecasts twice a week on Monday and Thursday at 7:00 a.m. for the entire panhandle. If conditions warrant, or if we receive a request, forecasts are issued daily. These forecasts are used by fire management authorities in assessing wild fire threat. The fire program is also responsible for the issuance of fire weather watches and red flag warnings when extreme fire weather conditions are expected.



## Hydrology

WFO Juneau, in coordination with the Alaska-Pacific River Forecast Center (RFC) in Anchorage, is responsible for issuing flood watches, warnings, and advisories for flooding due to heavy rain, snowmelt, glacier runoff, and ice jams events.

