



State Emergency Operations Center

2024 Juneau Flood

Incident Situation Report

August 23, 2024 @ 1600

SEOC Preparedness Level 3



Photo Credit: Obtained from City and Borough of Juneau Facebook

Contact

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Incident Overview

Juneau

Mendenhall Glacier's Suicide Basin released flood waters during the night on August 5, 2024, flooding homes and roads in the Mendenhall River Valley. National Weather Service reports the flood water levels crested at about 0100 on August 6, 2024, and water levels were almost one foot above last year's disastrous flood.

In response to the flooding, Governor Dunleavy declared a disaster emergency on August 6, 2024, activating state disaster response including state Public and Individual Assistance disaster programs. The State Emergency Operations Center (SEOC) deployed multiple incident management personnel to coordinate the state disaster response and directly support the City and Borough of Juneau (CBJ) Incident Command and the Central Council of the Tlingit and Haida Indian Tribes of Alaska Emergency Operations Center. A full inter-agency state coordinated response is ongoing with the State Emergency Operations Center at Level 3 – *Ongoing Major Incident* to the disastrous flooding in Juneau.

SEOC holds a regular operational briefing for all agency partners engaged in the response and has scheduled a joint Preliminary Damage Assessment (PDA) with the Federal Emergency Management Agency.

SEOC Recovery Branch opened the State Disaster Individual Assistance Hotline (1-844-445-7131) and website, <https://ready.alaska.gov/IA>, on August 7, 2024. Disaster Assistance Centers opened in Juneau on August 14, 2024, at two locations the Mendenhall Valley Library, and the Generations Southeast Community Learning Center.

West Coast Storms

Over the weekend of August 17-18, 2024, a series of storms began to impact the west coast of Alaska, causing minor flooding in coastal and Kuskokwim communities. Reported damages include the loss of personal property such as boats, snow machines, and fish racks, as well as submerged boardwalks, overturned or lost fuel tanks, and bank erosion. SEOC remains in contact with communities affected by the storms to address needs and receive damage reports. Additional storms are forecast in the coming days as Alaska enters the fall weather pattern.

Significant Operations Updates

8/5/2024

- NWS issues an updated Flood Warning for record flooding from the Mendenhall River/Lake Glacial Lake Outburst and revises the timing of the flood.
- SEOC at Preparedness Level 2 – Heightened Awareness in response to the forecasted Juneau flood risk
- Following an updated Flood Warning by NWS, SEOC, at the request of CBJ, issues a Wireless Emergency Alert for Evacuation Warning - GO for residents along the Mendenhall River in the flood risk area.

8/6/2024

- Mendenhall River crested at 0315 hrs. AKDT at 15.99 feet, almost 1 foot above the 2023 flood of record.
- Multiple homes and roads are inundated, with evacuations, rescues, and sheltering underway.
- SEOC moved to Preparedness Level 3 – *Major Incident Ongoing* and began a full inter-agency state disaster response.
- Governor Dunleavy declared a disaster for CBJ activating the state disaster Public Assistance and Individual Assistance programs.
- SEOC deployed a Division Supervisor and Operations staff to Juneau to coordinate state disaster response.
- Red Cross and CBJ operated a shelter at the Floyd Dryden Middle School for over 40 evacuated residents.

8/7/2024

- Central Council of the Tlingit and Haida Indian Tribes of Alaska activated their EOC and opened a shelter, partnering with the Salvation Army to operate a canteen for meals.
- SEOC received a CBJ disaster declaration dated 8/6/2024.
- Governor Dunleavy surveyed disaster damages with SEOC Division Supervisor and CBJ Incident Command.
- Senator Murkowski surveyed disaster damages.
- SEOC resource ordered 40 Alaska Organized Militia (AKOM) service members, a combination of Alaska Army and Air Guard, Alaska State Defense Force, and Alaska Naval Militia, to deploy into Juneau and provide the Juneau community with cleanup and debris management support.
- SEOC Recovery Branch opened the State Disaster Individual Assistance Hotline and website.
- The Department of Transportation and Public Facilities (DOT/PF), and Alaska Department of Environmental Conservation (ADEC) begin on-the-ground response in Juneau.
- CBJ shelter closes as all occupants found or were provided alternate lodging.

8/8/2024

- SEOC deployed a Branch Director (BD I) to Juneau to coordinate state disaster response to CBJ and the Tlingit and Haida Indian Tribes of Alaska.
- Senator Sullivan surveyed disaster damages.
- Meeting at Juneau Airport with Senator Sullivan, CBJ, National Weather Service, Tlingit and Haida, DOT/PF, and United States Coast Guard to discuss the glacier flood response.
- 7 AKOM residing in Juneau were placed on State Active Duty immediately and began assisting flood survivors with debris cleanup.
- United Way opens an online volunteer and donations website and in-person center.
- Salvation Army opens mobile survivor and volunteer feeding canteen.

8/9/2024

- Nineteen (19) additional AKOM arrived in Juneau bringing a total complement to 26 on State Active Duty who are actively engaged supporting disaster cleanup. Additional AKOM are enroute over the next 24 hours to bring the total to 40 and in 72 hours to 60.
- SEOC BD I is coordinating with DOT/PF, CBJ, and the Tlingit and Haida Tribe EOC to give the AKOM forces tactical assignments to assist flood survivors.
- DEC Solid Waste granted multiple waivers for Juneau's privately owned landfill to expedite flood debris removal and disposal.
- CBJ has stored inundated and abandoned vehicles in 2 temporary areas to clear access for debris removal.
- DOT/PF has engaged multiple dump trucks and loaders and has deployed operators from out of the area into Juneau to work debris hauling.
- CBJ has opened temporary debris storage areas to accept flood debris.
- DOT/PF reports no bridges were damaged due to the flood, but there was a loss of rip-rap embankment protection on one Federal Highway Administration-eligible bridge.
- School will reopen in Juneau from summer break on August 15, 2024. SEOC contacted the School District, and no flood impacts were reported.
- The State Department of Health (DOH) approved a flood-damaged childcare facility a waiver and emergency inspection to open in a temporary facility at the Floyd Dryden Middle School.
- United States Forest Service reopened a portion of the flooded campground allowing campers to return who were temporarily camped at a Juneau city park.
- In-person State Disaster Assistance Centers (DAC) are planned for Juneau on Wednesday and a "mini-DAC" for Tlingit and Haida survivors at the tribe's EOC.
- SEOC coordinated contact with the CBJ Flood Plain Manager and the State Flood Plan Manager with the Division of Community and Regional Affairs.
- Red Cross begins in-person, house-by-house, disaster assistance survey of inundated residential structures.
- Team Rubicon completes reconnaissance survey and prepares for team deployment on Monday to assist survivors.

8/12/2024

- SEOC Operations personnel are located at the Mendenhall Valley Library. DAC will open Wednesday – Friday, August 14-16, 2024, from 1000 to 1800 at the Library and the Generations Southeast Assistance Center for easier tribal access.
- DOT/PF suspending night operations due to reduced need, crew rest, and nighttime noise. DOT/PF will have crews operating 0800-1600. To date, crews have moved 130 dump trucks full of debris from survivor residences and are transitioning to the removal of flood-damaged appliances. Capitol City Fire and Rescue will provide Swiftwater technical assistance to DOT/PF to remove large vegetative debris near bridges. CBJ has initiated street sweeping operations.
- CBJ Public Works is providing residential water on/off and has a mobile camera to assist residents with clogged drainage lines.
- CBJ has a contractor in place and operating for household hazardous waste. They completed a sweep of two of the four CBJ flooded zones and are continuing.
- ADEC sent two new spill responders to Juneau to bring the total deployed to four. They will continue to assess and mitigate spills and educate community members.
- AKOM has 59 personnel in Juneau with 1 more arriving to bring the total number of personnel to 60.
- Team Rubicon teams begin assisting with "muck-out" operations.
- Alaska Volunteers Active in Disasters providing school supplies for students whose homes were flooded, with school starting Thursday.

- Red Cross completed residential damage assessments for 287 properties in the flood area and provided a report to CBJ and SEOC. Red Cross opened its assistance center this afternoon and will plan to co-locate with the State DACs starting Wednesday.
- Tlingit & Haida Tribe reported 55 structures in the flooded area and 23 with documented damage, with 340 tribal citizens impacted by the disaster. The Tribe is tracking survivors' immediate unmet needs.
- SEOC Juneau Division Supervisor and Mass Care Group coordinated emergency shelter for two families whose residences were uninhabitable.
- SEOC will deploy Crisis Canine teams this week, in coordination with the start of school, to provide stress support to flood survivors (adults and children) and first responders. SEOC is assessing the need for additional mental health responders for the disaster in coordination with CBJ and Tlingit and Haida Incident Commands.
- SEOC received and is processing resource orders from CBJ for flood equipment that CBJ was unable to resource.

8/13/2024

- SEOC deployed PDA Group Supervisor and Mass Care Supervisor to Juneau.
- CBJ EOC holds regular daily briefings for inter-agency coordination.
- The Southeast Food Bank began assisting with material goods donations.
- DOT/PF has two crews removing metals and household items from roadways.
- Team Rubicon incident command team arrives in Juneau.
- SEOC orders mutual aid Volunteer Agency Liaison from the State of Colorado through the Emergency Management Assistance Compact.

8/14/2024

- 2 Disaster Assistance Centers (DACs) opened at the Mendenhall Valley Library and at the Generations Southeast Community Learning Center.
- Salvation Army extended its canteen operation to feed survivors and volunteers at the Melvin Park Volunteer Center through Friday.
- Salvation Army at DACs with gift cards and vouchers to the local thrift store for survivors' immediate needs for clothing and household supplies.
- Salvation Army coordinating collection of donated replacement school supplies through Fred Meyers in Juneau.
- Tlingit & Haida Tribe distributed 34 sanitation kits to flood survivors.
- 3 teams of Crisis canines arrived in Juneau this afternoon and began work with survivors and responders at the DACs. The teams will be in Juneau through the weekend and will focus on children with the start of school tomorrow.
- DOT/PF has 2 crews working daytime hours in Juneau moving flood debris and brought in four DOT/PF personnel from Fairbanks to give local Juneau crews relief.
- CBJ is sweeping streets and CBJ parking lots of flood-washed mud and continuing household waste removal.
- CBJ is supplying transportation for survivors at the Melvin Park volunteer site to the DACs for services.
- Team Rubicon is actively engaged with multiple responders assisting with residential flood "muck-outs" and volunteer coordination.

8/15/2024

- Colorado Division of Homeland Security, Office of Emergency Management providing one Volunteer Agency Liaison through Emergency Management Assistance Compact (EMAC)

8/16/2024

- DOT/PF residential flood debris pickup will continue through next week. Four DOT/PF employees from Fairbanks arrive today to provide staffing relief for the weekend.
- Tlingit & Haida day shelter operating at the Zen Center.

- Tlingit & Haida report 5 fully displaced citizens.
- State DAC will close today at 1800. Juneau Response Branch personnel remain available over the weekend and by request to assist survivors with state grant applications at 1-253-215-8782 .
- The Salvation Army feeding canteen is closing today in 1800. The Salvation Army will be conducting mobile operations through flooded neighborhoods this weekend and is ready to provide meal support as needed. Requests can be sent to petr.janousek@usw.salvationarmy.org or the United Way of Southeast Juneau Flood Relief Efforts page at <https://www.unitedwayseak.org/form/2024-juneau-flood-relief-efforts>.
- AKOM to initiate a phased demobilization today. Demobilization plan: 8/16 - 20 members, 8/19 – 10 members, 8/21-23 – 30 members. SEOC has committed to CBJ and Tlingit and Hadaia Tribes to continue AKOM missions as long as required to meet the need.
- 3 Team Rubicon Strike Teams continue work in flooded homes, removing flooded insulation and debris in crawl spaces and basements.
- Red Cross and Salvation Army supporting State DACs with personnel to meet immediate unmet needs including gift cards and thrift store vouchers for replacement household goods.

08/19/2024

Juneau

- DOT&PF will reduce debris removal crews from 2 to 1, starting on August 20, 2024.
- 15 AKOM members are scheduled to return home today, and an additional 15 members will stay until August 21, 2024, to address the remaining needs.
- The Red Cross conducted door-to-door flood resource distribution in collaboration with the AKOM. Distributed resource flyers to residents. Red Cross provided one family with emergency needs support over the weekend.
- Salvation Army is currently assisting three families (a total of five people) with basic food and water needs.
- SEOC is returning SEOC's PDA Group Supervisor back to Anchorage from Juneau to continue planning for the joint Preliminary Damage Assessment with FEMA and SBA, starting August 26.
- SEOC is returning the Mass Care Group Supervisor back to Anchorage from Juneau to continue statewide coordination of Mass Care, with SEOC's Volunteer Agency Liaison remaining in Juneau to support volunteer and donations coordination.
- SEOC Juneau Response Branch Director and Juneau Division Group Supervisor are remaining in Juneau to coordinate the response as it transitions to recovery. Three Recovery Branch personnel are deployed to Juneau to continue the active transition to recovery.
- AKOM Public Affairs Officer (PIO) is in Juneau supporting the CBJ Public Information Officer.
- To date, over 455 volunteers have been engaged in the response to Juneau
- 3 Crisis Canine teams completed their assignment today with a visit to two flood area elementary schools after walking flood area neighborhoods and visiting local churches this weekend.

West Coast

- SEOC established a West Coast Division this weekend to support communications with, and response to, communities affected by storms including the remnant of Typhoon Amphil forecast to make landfall Wednesday and Thursday.
- Communities reporting some flood impacts from the weekend storms include Kipnuk, Teller, Nome, Napakiak, Kwigillingok, Bethel, Tuntutuliak, Akiak, and Bethel.
- The National Guard is conducting an aerial survey of Alaska's West Coast today by helicopter to check on impacts and environmental concerns. The flight plan includes visits to Kipnuk, Kwigillingok, Kongiganak, and Quinhagak
- The National Response Center (NRC) received a report of flooding in Kipnuk causing home heating tanks and vehicles to float accompanied by reports of sheening. SEOC contacted the Tribal Administrator over the weekend who confirmed the water was receding, but a fuel tank with 250-500 gallons floated without discharge.

8/21/2024

- ADEC spill responders have identified residences within the flood area with petroleum spill concerns. ADEC received a site assessment from ADEC contractor NORTECH. ADEC is conducting field screening of sites to evaluate and prioritize cleanup commencing on or before August 26.

West Coast

- No new reports have been received as of 1400, today. National Guard flew a helicopter reconnaissance Tuesday, and no serious environmental spills or major infrastructure damages were observed.

8/23/2024

Juneau

- SEOC Branch I Director and Juneau Division Supervisor remain in Juneau to support the joint PDA process.
- SEOC Recovery Branch will deploy an IA specialist and two PA specialists this weekend to support the joint PDA
- Multiple FEMA and SBA staff will deploy this weekend to support PDA operations next week.
- PDA in Juneau will begin Monday August 26 to collect information to support a request for federal assistance.
- One remaining AKOM member, who was supporting CBJ Public Information will demobilize today.
- EMAC Volunteer Agency Liaison deployed from Colorado to support CBJ in managing the volunteer agencies has made connections with Mennonite Disaster Services for residential flood repairs for those with unmet needs and is supporting organization of long-term recovery planning.
- CBJ Melvin Park volunteer center is now self-service for supplies and equipment.
- DOT/PF has ended their debris support mission and transitioned the work to CBJ staff and equipment.
- Salvation Army is hosting a donation distribution center this weekend for flood survivor donated goods.
- ADEC spill contractor has made appointments with residents with petroleum product flood impacts to do detailed cleanup assessments.

West Coast

- SEOC has received multiple reports of isolated community storm and flood impacts from the series of storms that have moved over Alaska's West Coast and Kuskokwim Delta. SEOC continues to receive damage reports and coordinate immediate response. Communities reporting some storm/flood impacts include:
 - Napaskiak
 - Kipnuk - boardwalks submerged, residential insulation wet, appliance damaged, skiff's lost, riverbank eroded, one residence evacuated to family residence on higher ground. Fuel tank(s) floated away.
 - Kwigillingok – 1.5 miles of boardwalk submerged, residential insulation wet, appliance lost, skiff's lost, residential foundations undermined
 - Teller
 - Nome
 - Bethel
 - Tuntutuliak
 - Brevig Mission – Runway soft due to rainfall. DOT/PF contacted.
 - Quinhagak - erosion damage to an archeological / historical site.

Highlighted Operational Information

This is the last Situation Report for this incident.

To apply for State of Alaska Individual Assistance

call 1-844-445-7131

Monday through Friday 9 a.m. – 4 p.m.

Or apply online at ready.alaska.gov/ia

The last day to apply is October 9, 2024

SEOC Disaster Assistance Report as of 8/23

State Individual Assistance Applications	204
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Red Cross Damage Assessments 8/12

Total Structures Assessed	287
Destroyed	0
Major	51
Minor	45
Affected	105
No visible damage	86

Individual Assistance payments 8/23

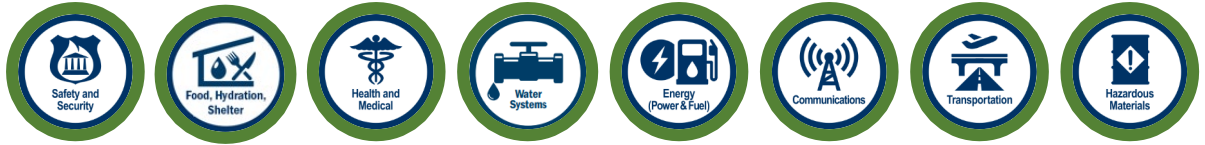
Housing Assistance	\$36,750.00
Temporary Housing	\$20,511.00
Other Needs Assistance	\$16,377.57

AKOM Report as of 8/21

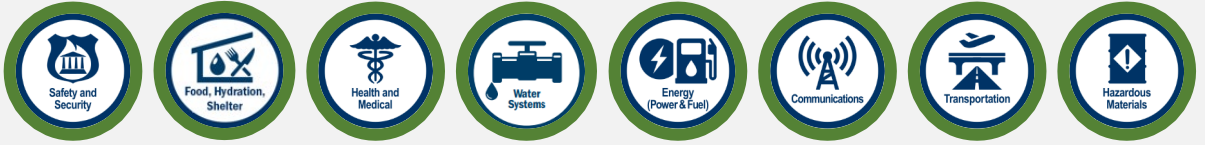
Over 3000 labor-hours
289 homes cleared of debris
1350 neighborhood debris assistance visits
4000 cubic yards of debris cleared
74 damaged appliances removed
19 wellness checks completed

Lifeline Status

Alaska Overall



Juneau



West Coast



SIGNIFICANT IMPACT RED	MODERATE IMPACT YELLOW	MINIMAL IMPACT GREEN	ADMINISTRATIVE BLUE	UNKNOWN GREY
<p>Indicates there are severe challenges and obstacles hindering the provision of essential services and resources associated with that lifeline. Immediate attention and resources are required to address the situation and restore functionality.</p>	<p>Indicates that there are disruptions or limitations affecting the delivery of services and resources, albeit to a lesser extent. While the situation is not as critical, it still requires attention and proactive measures to prevent further deterioration and ensure community needs are met.</p>	<p>Indicates that the lifeline is functioning well, with only minor disruptions or limitations. The community's essential services and resources associated with that lifeline are being adequately provided. Ongoing monitoring and maintenance are necessary to sustain this level of functionality.</p>	<p>Does not indicate an operational status or condition; used for administrative purposes such as presentations and briefings.</p>	<p>Indicates the extent of disruption and impacts to lifeline services is unknown.</p>

Incident Lifeline Components

JUNEAU

Food, Hydration, Shelter



Food

- Salvation Army is currently assisting one family with basic food and water needs. Flood-damaged appliances are preventing home foodstuff refrigeration and cooking.

WEST COAST

Hazardous Material



- The National Response Center received a report of flooding in Kipnuk causing home heating tanks and vehicles to float accompanied by reports of sheening. Tribal Administrator confirms a fuel tank with 250-500 gallons floated without discharge. ADEC engaged.

Weather Forecast

Extended Forecast for
Juneau AK

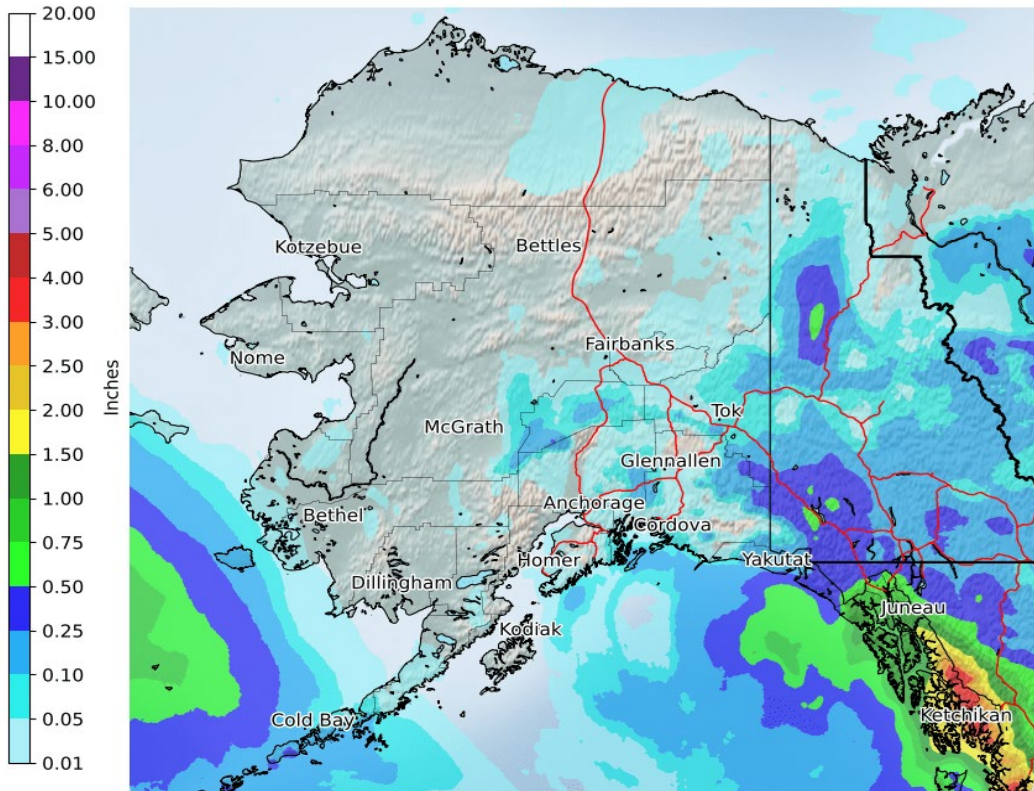


- On and off showers persist through Saturday
- Moderate to Heavy rain expected early Sunday into Monday
 - Another round of rain expected on Wednesday.
- Maritime Logistics: SE winds increase Saturday night into Sunday.
 - 20kt gusting to 35kt at times.
 - Seas up to 4ft.
- Friday Aug 23: Sunrise 0538 AKDT Sunset 2019 AKDT.

Rainfall Forecast

Sunday Precipitation Forecast (Day 4)

Valid: 08/25/2024 04:00 AM - 08/26/2024 04:00 AM AKDT



National Weather Service
Alaska Pacific River Forecast Center
 08/22/2024 07:06 AM AKDT

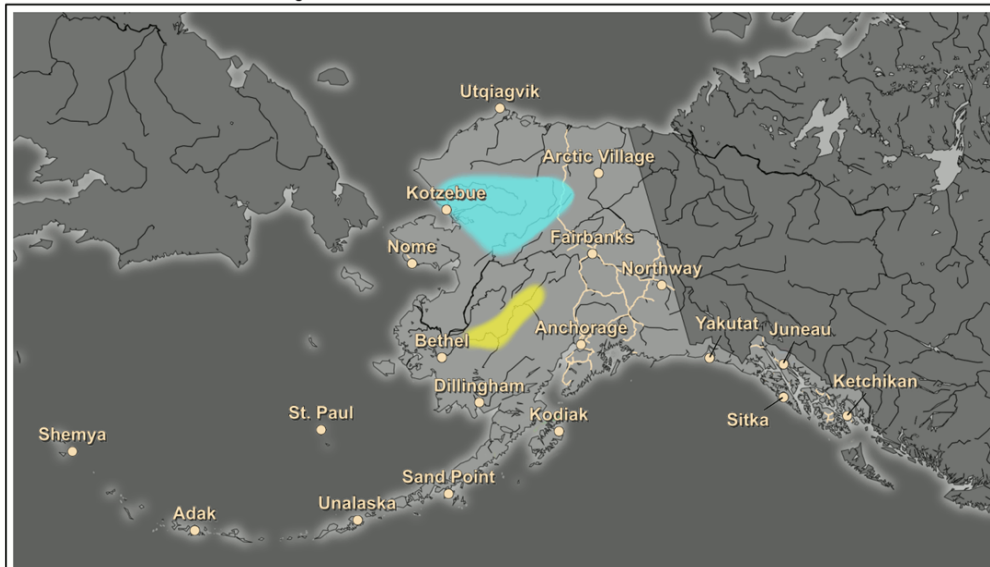
Follow Us:
weather.gov/aprfc

West Coast



48-Hour River Flood Potential Outlook

National Weather Service Alaska-Pacific River Forecast Center Aug. 22, 2024
 Valid 08/22 through 08/24 Updated daily by 3PM AKDT weather.gov/aprfc



Flood Hazard Messages

Heavy rain over the past week has raised water levels in rivers and streams across northwest and northcentral Alaska, including the Kobuk, Noatak, and Koyukuk Rivers. Most rivers in the region have crested and will begin to slowly recede over the next several days.

Heavy rainfall has led to near bankfull conditions along the upper Kuskokwim River from McGrath to Aniak. Water levels are expected to remain high as more precipitation is expected through Friday.

Notice: Flash flooding, coastal, and/or tidal flooding is not included in this outlook. Coastal flooding is monitored and issued by your local weather forecast office. Check your local weather forecast frequently for the most up-to-date information in your area at www.weather.gov/arh

For the latest flood watches, warnings, and advisories please visit: www.weather.gov/arh

Helpful Links

Alaska Division of Homeland Security and Emergency Management (DHSEM): <http://ready.alaska.gov/>

National Weather Service: Alaska Forecast Center: <https://www.weather.gov/alaska/>

Alaska Division of Homeland Security and Emergency Management (DHSEM): <http://ready.alaska.gov/>

National Crisis Response Canines: <https://crisisresponsecanines.org/>

City and Borough of Juneau 2024 flood response:

- <https://juneau.org/manager/flood>

CBJ Incident Command provided United Way Volunteer Coordination Web Site

- <https://www.unitedwayseak.org/form/2024-juneau-flood-relief-efforts>

Typhoon Ampil tracking: <https://www.windy.com/?61.205,-149.810,5>