



Alaska State Emergency Operations Center

2025 Juneau Glacier Lake Outburst Flood

Incident Situation Report

August 15, 2025 @ 1500

SEOC Preparedness Level 2



Contact

State Emergency Operations Center (SEOC)

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Incident Overview

A state disaster emergency has been declared for Juneau by Governor Dunleavy due to a glacial lake outburst flood. The Mendenhall River experienced a peak flood crest of 16.65 feet around 0715 on August 13, 2025, and is now back to normal levels. This was a record flood crest that exceeded the previous flood records in 2023 and 2024.

Inter-agency state coordinated response is now focused on recovery in support of the Unified Command in Juneau, comprised of the Central Council of the Tlingit and Haida Indian Tribes of Alaska and the City and Borough of Juneau (CBJ), which is leading the response.

A debris removal plan is being developed, and tribal and community navigators are being trained to assist with recovery efforts. Repair work on the Back Loop Bridge is expected to be designed within a few days, with a target to accommodate the school reopening.

The State disaster Individual Assistance program is active with full online and telephone registration options for survivors.

SEOC is also actively monitoring the Presidential Summit in Anchorage today to manage any consequences and support local community impacts.

Significant Operations Updates

8/9/20245

- Governor Dunleavy declared a state disaster emergency for the City and Borough of Juneau. The declaration includes Individual Assistance, Public Assistance and Temporary Housing programs.

8/11/2025

- SEOC deployed the Branch Director to Juneau to integrate with the unified command and begin implementing the Governor's declaration of disaster.

8/12/2025

- The NWS reported a release had begun and that the river was in minor flood stage.
- The NWS issued a flood warning for a Glacier-Dammed Lake Outburst in effect until 0915, Wednesday. CBJ issued Emergency Alerts to reflect the flood warning and recommend evacuation.
- Juneau EOC transitions to 24/7 staffing, and a shelter at Floyd Dryden opens.
- An FAA Temporary Flight Restriction was issued for the Mendenhall River corridor.
- Back Loop Bridge closure was moved up to 1930 due to a faster-than-expected water rise.
- SEOC deploys a Division Supervisor to Juneau to support SEOC Juneau Branch operations
- Alaska National Guard deployed under State Active-Duty disaster authorities to monitor evacuation areas.
- The State Emergency Operations Center is operating in support of the Juneau Unified Command with inter-agency representatives from the National Weather Service, FEMA, multiple state and federal agencies, and volunteer agencies.

8/13/2025

- 0647 flooding was at 16.43 feet.
- Flooding crested at 0715 at 16.65 feet - a new record flood level, exceeding the previous 2024 flood of record.
- Unified Command was staffed in all sections and at all levels throughout the night.
- Forward observers and Alaska National Guard Servicemembers were monitoring the bridges, riverbanks, and HESCO flood barriers.
- Alaska DOT/PF worked through the night to monitor and close roads and bridges as necessary. DOT/PF monitored basin release and barriers throughout the night as the water rose.
- CBJ Street crews were deployed overnight to monitor culverts and potential road/trail closures.
- Alaska Electric Light and Power activated their 16-foot flood plan and did a safety power shutoff in strategic areas for safety.
- Capitol City Fire and Rescue did not have to do any emergency calls or rescues between 2200 and 0800 this morning
- Home and public infrastructure damage is unknown currently due to water levels, but current reports are that flood barriers worked well, and there are no immediate reports of substantial inundation or damage.
- Unified Command begins damage assessment team deployments.
- The U.S. Army Corps of Engineers (USACE) is assessing the barriers for safety before the public is allowed back into the area.
- Zero injuries or casualties reported to residents or first responders.

8/15/2025

- The NWS declared an "all clear" for the river, which was expected to drop below minor flood stage by early morning.
- Damage assessment teams completed preliminary surveys of 847 homes, with a total of 6 homes identified with major, 25 minor, 16 affected, and 49 with an unverified status.
- A plan for debris removal is being developed.
- An Operations Team drove to affected areas to assist crews and speak with residents.
- A liaison was requested for a downed cable network, which was expected to be fixed soon.
- The USCG demobilized its field operations but left a liaison officer at the EOC.
- State service members on State Active Duty will demobilize today, having completed their mission.
- The Red Cross was able to use data accumulated by CBJ/ Unified Command damage assessment teams to provide immediate assistance.
- The Red Cross is distributing cleanup kits to residents.
- The Salvation Army distributed 60 boxed dinners to survivors.
- The Back Loop Bridge repair was expected to be designed in 3-4 days, with a cost estimate of around \$1M.
- A water line under the Back Loop Bridge is being assessed by the ADEC. No damage to drinking water has been reported.

Highlighted Operational Information

To apply for State of Alaska Individual Assistance

call 1-844-445-7131

or

907-632-2165

Monday through Friday 0900 – 1600

Or apply online at ready.alaska.gov/ia

State Individual Assistance Applications	0
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Red Cross Damage Assessments

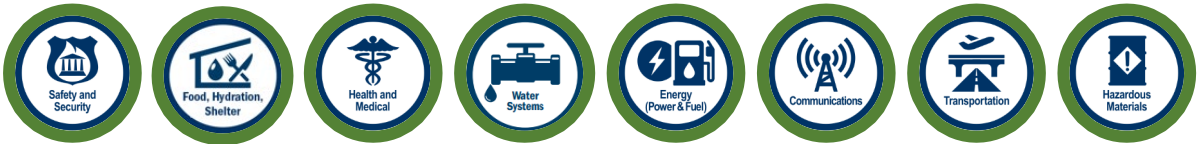
Total Structures Assessed	847
Destroyed	-
Major	6
Minor	25
Affected	16
No visible damage	-

CBJ Incident Command provided the United Way Volunteer Coordination Website

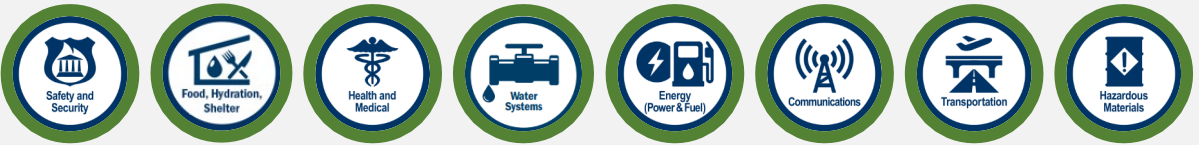
<https://www.unitedwayseak.org/form/2024-juneau-flood-relief-efforts>

Lifeline Status

Alaska Overall



Impacted Areas



SIGNIFICANT IMPACT RED	MODERATE IMPACT YELLOW	MINIMAL IMPACT GREEN	ADMINISTRATIVE BLUE	UNKNOWN GREY
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.	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.	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.	Does not indicate an operational status or condition; used for administrative purposes such as presentations and briefings.	Indicates the extent of disruption and impacts to lifeline services is unknown.

Incident Lifeline Components

Food, Hydration, Shelter



Shelter

- Shelters are closed as they are no longer needed.

Transportation



Highway/Roadway

- The Back Loop Bridge repair was expected to be designed in 3-4 days, with a cost estimate of around \$1M.

AKOM 2025 Juneau Flood Support – 15 Aug 25 CAO: 0900L

AKOM

- AGR: 1 Armory attendant
- StAD: 9x AKARNG
- RFAs – 1

MISSIONS:

- **Mission Name:** TF JUNEAU
 - 9 AKARNG SM
 - Patrolled 2 miles of flood barriers
 - Advised civilians to follow the evacuation alert

Last 24 - Next 24:

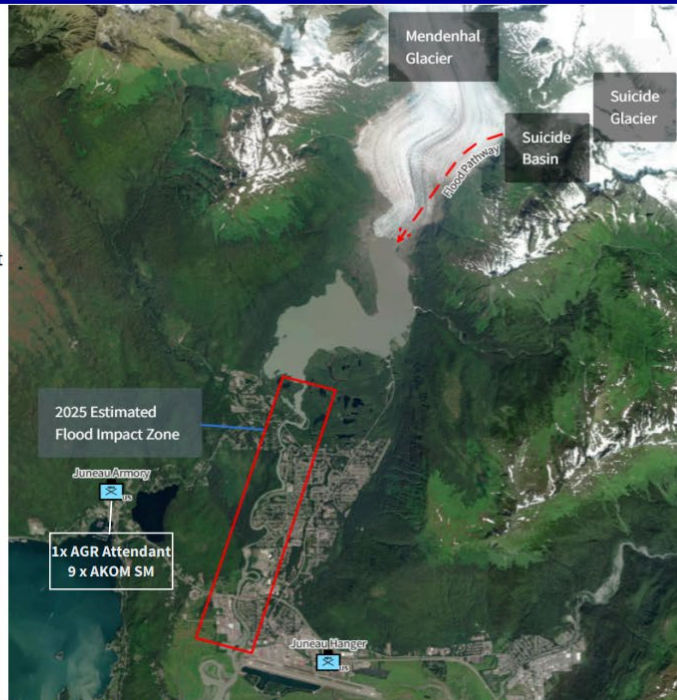
- Conducted additional armory maintenance.
- Conduct R-JRSOI for all StAD members.

Weather Outlook:

- Daily Forecast: Cloudy-Mostly Cloudy
- Weekly Forecast: Cloudy-Mostly Cloudy with Rain expected over the weekend.

PRIORITIES:

1. Coordinate with local and state EOC
2. Resource management
3. Support to SMs assigned
4. De-mobilization planning



Key Statistics



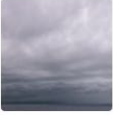






- Patrolled 2 miles of flood barriers for 6 hours re-enforcing 2 check valves with sandbags
- Advising locals to follow the evacuation alert
- Performed 3 Welfare checks on fellow local AKOM members
- Completed 12 armory maintenance tasks

AKOM is supporting the State of AK response to Suicide Basin Flooding in Juneau.

The 1 RFA includes deploying 9 AKOM personnel to receive tactical assignments, assignment locations, and instructions from SEOC Branch I Director.

Weather Forecast

Extended Forecast for Juneau AK

Today	Tonight	Thursday	Thursday Night	Friday	Friday Night	Saturday	Saturday Night	Sunday
								
High: 70 °F	Low: 55 °F	High: 67 °F	Low: 55 °F	High: 66 °F	Low: 56 °F	High: 65 °F	Low: 54 °F	High: 62 °F
Increasing Clouds	Mostly Cloudy	Cloudy	Mostly Cloudy	Mostly Cloudy	Cloudy	Rain Likely	Rain	Rain Likely

- Fair weather expected for Juneau through Friday
- Rain returning Saturday
- Marine Weather Statement for debris in Stephen's Passage
- Sunrise: 0518 AKDT
- Sunset: 2046 AKDT

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/ajk/suicideBasin>

[This dashboard](#) was created and is maintained by the University of Alaska Southeast in partnership with the Alaska Climate Adaptation Science Center. <https://www.juneauflood.com/#/home>

The page provides an interactive view of the [flood inundation maps](#) contracted by the City and Borough of Juneau for the Mendenhall Valley. It also contains information about glacial lake outburst floods (GLOFs) from Suicide Basin.