



State Emergency Operations Center

2023 Wrangell Landslide

Incident Situation Report

Date: November 21, 2023, Time: 1600 hrs.

SEOC Preparedness Level 2



Zimovia Highway, Mile 11, Northside of the Slide

Photo courtesy of AK DOT&PF

Contact

State Emergency Operations Center (SEOC) 907-428-7100

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State Emergency Operations Center (SEOC) Activated to Level 2

Incident Overview

On Monday, November 20th at 2051hrs the City and Borough of Wrangell experienced a major landslide at mile 11 of Zimovia Highway. The slide is estimated to be 200' wide, and 10-12' high and impacted at least two homes.

On November 21st, 2023, Alaska Governor Mike Dunleavy declared a state disaster emergency for the City of Wrangell.

Significant Operations Updates

Wrangell Division:

The State Emergency Operations Center (SEOC) was notified of the landslide at 2130hrs on November 20th. SEOC recalled staff and activated to Level-2 to coordinate multiple requests for state-level resources in support of Wrangell's Incident Command. SEOC deployed a Division Supervisor to Wrangell at 10:30hrs on November 21st to support on-scene coordination.

The Department of Public Safety has two troopers on-scene coordinating the state support for the Search and Rescue (SAR). The United States Coast Guard is conducting maritime (SAR) with cutter *Bailey Barco* which arrived on scene today. Additional SAR resources, including search trained K9s are scheduled to arrive today on commercial flights. An adult female survivor was located and taken to an area medical facility for treatment, where she was listed in good condition. SAR teams will continue to work throughout the night as safety conditions permit.

The Stikine Inn offered to shelter displaced residents and had approximately 25 people sheltered overnight. The Salvation Army provided additional feeding support to those at the Stikine. The Red Cross and Salvation Army both remain engaged and available to support additional shelters or displaced residents as needed. An evacuation order is in place for Zimovia Highway from Mile 11-13 which has impacted approximately 20-30 individuals.

The Department of Transportation & Public Facilities (DOT&PF) deployed a geologist to advise on slope stability/safety for SAR efforts, and an Unmanned Aircraft System and operator to support imaging. DOT&PF completed a preliminary assessment of the slide and noted it to be approximately 500' wide where the slide crossed the road.

The Department of Natural Resources, Division of Geological & Geophysical Surveys dispatched three personnel to provide technical landslide stability guidance and decision support. 1 arrived today, with 2 scheduled to arrive tomorrow.

The Department of Health contacted local and regional medical facilities in the landslide area and is prepared to provide support as needed.

Alatna Division:

Alatna: SEOC is working with the community to address an on-going power outage within the community.

Other Southeast Division:




Coffman Cove: SEOC was notified of flooding and road damage within the community. The Division Supervisor was informed of the damage and is engaged with the community. A local disaster declaration is anticipated by the end of the day.

SEOC Operations Brief

SEOC Operations Briefings will be conducted daily at 0800hrs. The conference line number is 1-800-315-6338, access code 71000#.

Please email the 2023 Wrangell Landslide conference at
landslide@ready.alaska.gov

Lifeline Status

 <p>Alaska Overall</p>	
<p>Impacted Areas</p>	

Note regarding lifeline status:

A status of GREEN indicates that lifeline conditions and services are stabilized. Components may still require support, but a plan is in place to provide that support. See the above section on Significant Operations Updates for more detail on the individual communities.

Colors Indicate Lifeline or Component Condition

Unknown: Grey

- Indicates the extent of disruption and impacts to lifeline services is unknown (Unknown)

Unstable: Red

- Indicates lifeline services disrupted and no solution identified or in progress (Unstable, no solution in progress)

Stabilizing: Yellow

- Indicates lifeline services disrupted but solution in progress with estimated time to stabilization identified (Unstable, solution in progress)

Stable: Green

- Indicates lifeline services are stabilized, re-established, or not impacted (Stable)
- *Note: Green Components may still be severely impacted*



Food, Water, and Shelter



Shelter

City of Wrangell reports at least 75 homes are cut off by the slide. At least 3 homes are reported to be destroyed as the result of the slide, including one believed to be vacant. An evacuation order is in place for Mile 11-13 of Zimovia Highway.

The Stikine Inn offered accommodations to affected residents overnight with approximately 25 staying overnight. The Salvation Army has offered feeding support to Stikine Inn survivors.

The Red Cross is engaged and standing by to support sheltering needs.



Energy, Power, Fuel



Power

Wrangell: Cut off homes beyond the slide have no power. Restoration work has no current ETA.

Alatna: SEOC is monitoring a power outage impacting Alatna, in the Yukon-Koyukuk region and unrelated to the landslide. A Division Supervisor has been assigned to support.



Communications



Infrastructure

USCG reporting VHF system is offline in the southeast region. Several towers have suffered damage or utility failures associated with severe weather, and/or the slide. USCG has sent alerts to harbormasters in the region to notify mariners.



Transportation

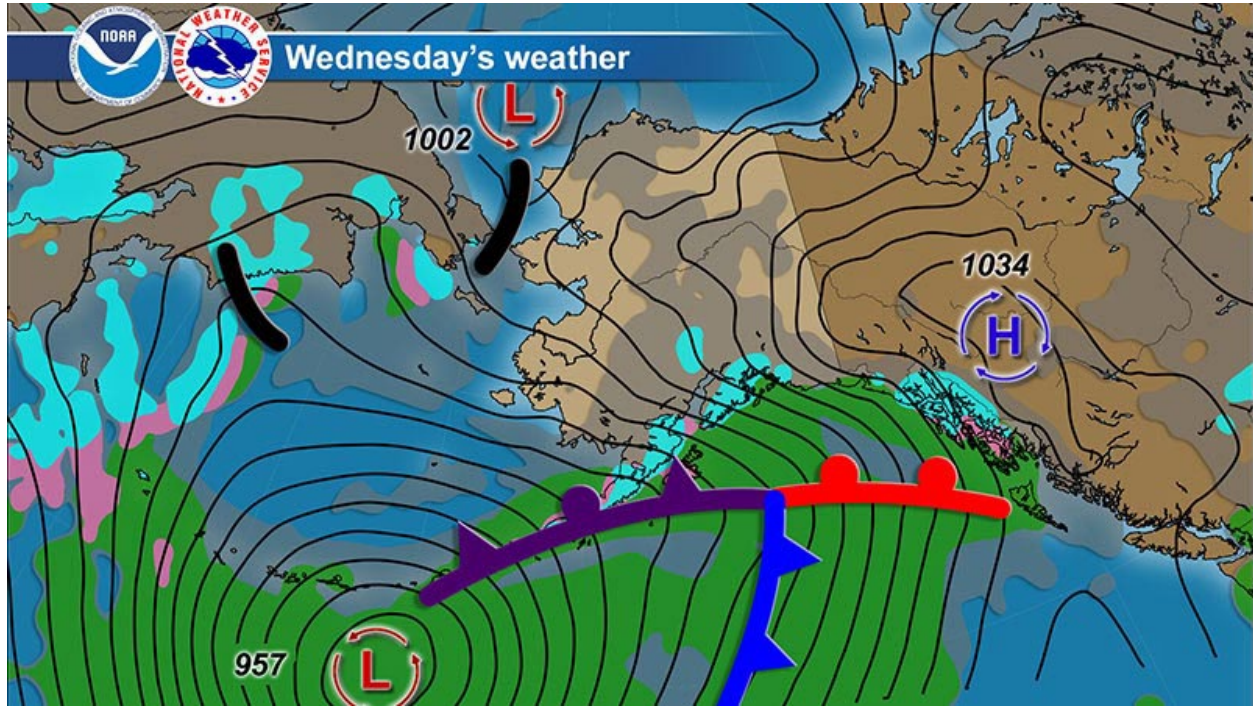


Roadways

Wrangell: Zimovia Highway has been closed to non-residential traffic at Mile 6 for non-residential traffic. DOT&PF is working on plans for clearance; however, no ETA will be available until SAR operations are completed. Water-taxis are operating and moving residents around the slide.

Coffman Cove: Several local roads and culverts are damaged/washed out. Several houses are cut off from car access, but ATV access is still possible.

Weather Forecast



National Weather Service Juneau, AK
 Weather Matrix for Wrangell Landslide
 Valid: 11/21/2023 09 AM - 11/22/2023 06 PM AKST
 Call 1-907-790-6800 for additional weather support



	Tue 11/21 9 AM	Tue 11/21 12 PM	Tue 11/21 3 PM	Tue 11/21 6 PM	Tue 11/21 9 PM	Wed 11/22 12 AM	Wed 11/22 3 AM	Wed 11/22 6 AM	Wed 11/22 9 AM	Wed 11/22 12 PM	Wed 11/22 3 PM	Wed 11/22 6 PM
Temperature	44°F	44°F	44°F	42°F	41°F	41°F	41°F	41°F	41°F	42°F	42°F	41°F
Wind Speed	20 mph	20 mph	20 mph	21 mph	17 mph	13 mph	8 mph	8 mph	8 mph	10 mph	11 mph	10 mph
Wind Direction	SE	S	SE	SE	SE	S	S	E	E	E	E	E
Wind Gust	27 mph	25 mph	27 mph	28 mph	24 mph	18 mph	11 mph	13 mph	13 mph	17 mph	19 mph	17 mph
Chance of Precipitation	100%	100%	100%	100%	100%	100%	78%	79%	73%	74%	58%	49%
Weather	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain	Rain
Rainfall	0.06 in	0.06 in	0.05 in	0.04 in	0.06 in	0.08 in	0.03 in	0.02 in	0.02 in	0.02 in	0.03 in	0.03 in
Snow Accumulation	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in	0.0 in

Issued: Tuesday November 21, 2023 09:17 AM AKST

Hazard Level	None	Limited	Elevated	Significant	Extreme
Wind Speed	≤15 mph	15 to 19 mph	20 to 24 mph	25 to 29 mph	≥30 mph
Wind Gust	≤25 mph	25 to 34 mph	35 to 44 mph	45 to 59 mph	≥60 mph
Chance of Precipitation	≤20 %	20 to 39 %	40 to 59 %	60 to 79 %	≥80 %
Rainfall	≤0.1 in	0.1 to 0.29 in	0.3 to 0.79 in	0.8 to 1.09 in	≥1.1 in
Snow Accumulation	≤0.5 in	0.5 to 0.9 in	1.0 to 1.9 in	2.0 to 2.9 in	≥3.0 in

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/>

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