



ALASKA DIVISION OF HOMELAND SECURITY & EMERGENCY MANAGEMENT

SITUATION REPORT 24-137 • May 16, 2024



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SEOC 907.428.7100

<p><u>SEOC Preparedness Level</u> Level 2 – Heightened Awareness</p>	<p>http://ready.alaska.gov</p>	<p><u>National Terrorism Advisory System:</u> Read the NTAS Bulletin here</p>
<p><u>Maritime Security (MARSEC)</u> Level:1- Minimum Appropriate Security Measures</p>	<p>WHO Novel Coronavirus Pandemic (COVID-19): 2019 Novel Coronavirus</p>	<p><u>Alaska Military Installation Force Protection</u> <u>Level:</u> FPCON Bravo</p>

(Significant changes from previous situation reports are red.)

Significant Issues:

Governor Dunleavy has declared a disaster for the Kuskokwim River communities in the Lower Kuskokwim and Yupiit Regional Education Attendance Areas in response to flooding. The disaster recovery Individual Assistance program, that provides grant funding to individuals and families with damaged to primary residence or essential personal property lost during the flooding, is now open for those in the declared area.

Riverwatch:

With the end of breakup flood risk on the Upper and Middle Yukon River segments and Kuskokwim River, SEOC has demobilized Riverwatch aerial operations. Breakup on the Lower Yukon River is still a few days away and SEOC conducted a community call with area communities this week to brief them on conditions.

SEOC is actively monitoring all other flood concerns and will engage with communities as needed.

Fort Yukon Communities Snowmelt Flood Concern:

There is concern for snowmelt flood concern for Alaska's Yukon communities in and around Fort Yukon in 5 to 11 days from snowmelt through Canadian Old Crow and Porcupine Rivers. SEOC and National Weather Service are in direct contact with Canadian officials and are carefully monitoring.

2024 Spring Flood Disaster

Kuskokwim Division:

Division will complete transition from response to recovery today and demobilize. Disaster recovery operations will continue remotely from SEOC and Recovery personnel will deploy to communities as required.

Division coordinated Alaska Department of Environmental Conservation technical assistance for Kwethluk and Napaskiak for environmental concerns.


Division coordinated with Red Cross to assist a flooded resident in Bethel.

SEOC coordinated Yukon Kuskokwim Health Corporation, Red Cross, and state disaster Individual Assistance for a flooded resident in Nightmute yesterday.

Wainwright Power Outage:

North Slope Borough contacted SEOC last night and reported a community-wide power outage in Wainwright. The outage was caused by equipment failure due to a glycol leak. The Borough deployed repair personnel to the community who were unable to make immediate repairs. SEOC worked through the night with the Borough and Alaska Energy Authority to assist the community. Police, Fire, School, Clinic, and General Store are running on independent power generators. The Borough declared a local disaster emergency to allow local response operations. As of this report, the Borough is arranging delivery of generators and preparing the school as a shelter. SEOC has contacted the Red Cross and School District and is regular contact with Borough Emergency Management.

Space Weather:



Severe Geomagnetic Storm LIKELY

Updated
2024-May-10
1130 EDT

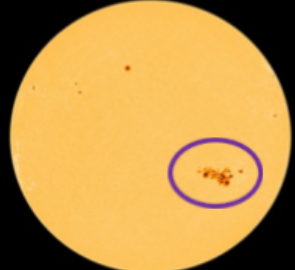
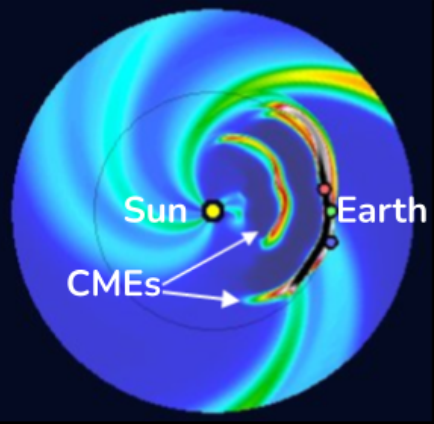
WHAT: SWPC's First G4 Watch Since Jan. 2005

KEY MESSAGES: A Severe (G4) Geomagnetic Storm is **LIKELY** – possibly as early as later today and continuing through the weekend; exact timing remains somewhat uncertain. At least seven earth-directed Coronal Mass Ejections (CMEs) are in transit.

IMPACTS: HF communication, GPS, power grids (voltage control), spacecraft, satellite navigation, and other technologies may be affected. *Critical infrastructure operators have been notified.*

CONTEXT: Only three Severe (G4) geomagnetic storms have occurred so far this solar cycle (since 2019); the last was a brief occurrence on March 23. This is SWPC's first G4 Watch since 2005. The last Extreme (G5) event occurred with the Halloween Storms in 2003.

CAUSE: The source has been a large, complex sunspot cluster (NOAA Region 3664) that is **17 times the diameter of Earth**. Additional activity from this Region is still expected.



State of Alaska Department of Health (DOH):

The DOH stands ready to assist with all aspects of public health and, in the event of a public health emergency, is supported by the SEOC and other state departments as required.

For current information, see: <https://health.alaska.gov/dph/Pages/default.aspx>
<https://health.alaska.gov/dph/Emergency/Pages/prepared/default.aspx>

NTAS Bulletin:

The U.S. Department of Homeland Security issued an updated National Terrorism Advisory Bulletin on May 24, 2023. The current and expired bulletins can be viewed at the below link.
<https://www.dhs.gov/national-terrorism-advisory-system>

Travel Alerts and Conditions:

For current driving conditions, dial 511 or visit: <https://511.alaska.gov/>

Barry Arm Landslide / Tsunami Risk:

For the latest information on the Barry Arm Landslide and Tsunami risk, click here:

<https://dggs.alaska.gov/hazards/barry-arm-landslide.html>

Earthquakes:

United States Geological Service (USGS) Earthquake Information: <http://earthquake.usgs.gov/>

National Tsunami Warning Center: <http://tsunami.gov>

Alaska Volcanoes:

Great Sitkin Alert Level: **Watch** and Aviation Color Code: **Orange**

Shishaldin Alert Level: **Advisory** and Aviation Color Code: **Yellow**

For Alaska Volcano updates, go to: <https://www.avo.alaska.edu/>

Air Quality Index (AQI) Advisories:

For the most up-to-date Air Quality Index Advisories:

<http://dec.alaska.gov/Applications/Air/airtoolsweb/Home/Index>

Spills of Oil and Hazardous Substances:

The Alaska Division of Environmental Conservation (ADEC) Spill Prevention and Response page is located at: <https://dec.alaska.gov/spar/>

Alaska Cyber Security Information:

State Employees may sign up for cybersecurity notifications and alerts at:

<https://oit.alaska.gov/security>

Cybersecurity and Infrastructure Security Agency (CISA)-Cybersecurity Services and Tools:

www.cisa.gov/free-cybersecurity-services-and-tool

Alaska Wildland 2024 Fire Season:

The Alaska Interagency Coordination Center is at Preparedness Level: 1

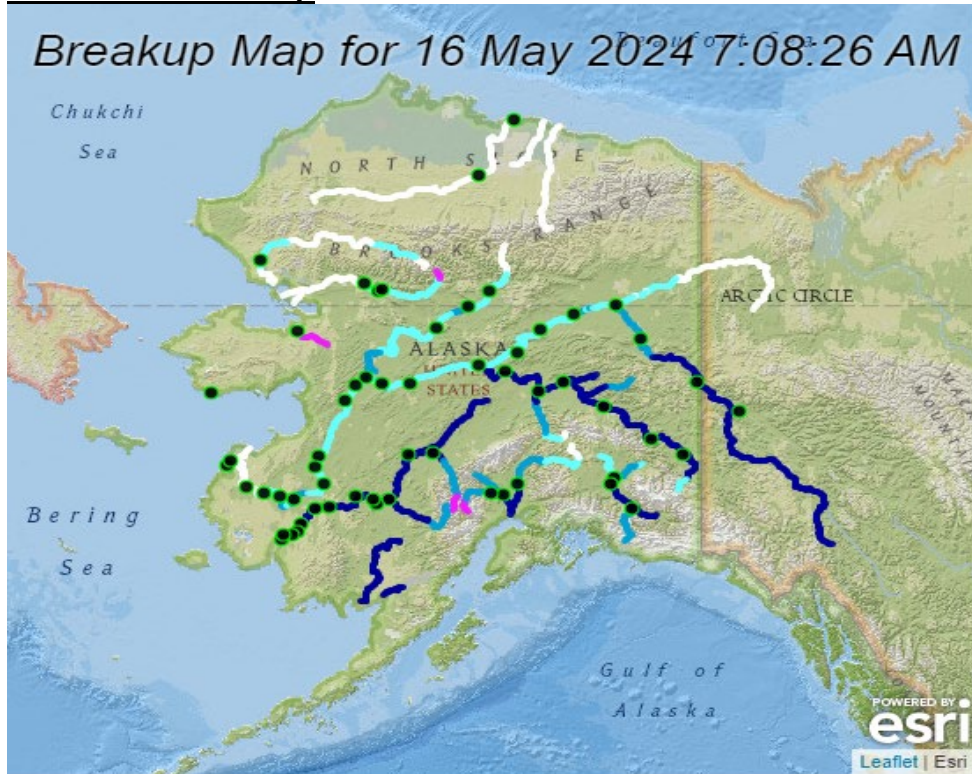
Total Fires YTD: **64**

Total Acres: **223**

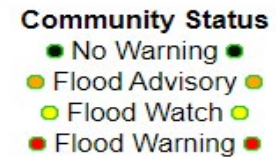
There are currently **13** active fire(s) with **4** new and **0** fires staffed.

For more information, go to <https://fire.ak.blm.gov/> or <https://akfireinfo.com/>

Riverwatch Breakup



This map allows you to view the breakup status of major rivers. Click a site for more breakup information.



View Recent River notes and updates at: [Alaska-Pacific RFC \(weather.gov\)](https://www.weather.gov/alaska-pacific/rfc)

Significant Weather:



Flood Advisory:

Kuskokwim Delta- Flood Advisory for snowmelt in Nightmute is in effect until noon.

For more information and the most current Weather, Watches/Warning/Advisories go to: <https://www.weather.gov/arh/>

The Next Situation Report will be **May 17, 2024**. A significant change in the situation or the threat level will prompt an interim report. This report is posted on the internet <https://ready.alaska.gov/sitrep>.

To register for email distribution, go to <http://list.state.ak.us/mailman/listinfo/dhsem.situation.report>.
Direct questions regarding this report to the SEOC at 907-428-7100 or seoc@alaska.gov.