

Washington State Emergency Operations Officer Monthly Report

December 2021

Past monthly reports are available via the web at <http://mil.wa.gov.emergency-management-division/alert-warning-center-monthly-report>

CATEGORY	December 2021	December 2020	2021	2020
Logged incidents:				
DOE (Department of Energy, Hanford Site)	0	0	5	5
FIRE	10	22	489	244
HAZARDOUS MATERIALS INCIDENTS (HAZMAT)	234	178	2741	2414
OTHER	87	78	876	770
911 SERVICE OUTAGES	0	0	5	11
SEARCH AND RESCUE MISSIONS (SAR)	63	60	970	1070
TERRORIST	0	0	0	0
INITIAL WEATHER INCIDENTS	4	5	55	47
CGS (Columbia Generating Station)	0	0	0	0
Total number of logged Incidents:	398	343	5141	4561

Categories not included in the total number of logged incidents above				
Additional Weather Alerts	162	82	1144	952
Evidence Search Mission	3	2	64	61

LEGEND	
WEATHER	Weather incidents such as Flooding, High Winds, and Snow
FIRE	Wildland Fire incidents
OTHER	This category includes a wide variety of incidents, including but not limited to Tsunami events, Earthquakes, and Critical Incident Stress Debriefings.

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SIGNIFICANT EVENTS

- 20-0265
- This mission in response to the Corona Virus (COVID-19) outbreak was initiated on January 21, 2020 and continued into December 2021 with the State EOC activated at Level 2 (Partial).
 - **This mission remained open as of the end of December 2021.**
- 21-4321
- This weather incident was initiated on November 2 and continued into December 2021.
 - On November 30, the National Weather Service (NWS) issued a Flood Warning for the Skagit River near Concrete affecting Skagit County in effect from this evening to late Thursday morning. On December 1, the NWS extended the Flood Warning in effect from that morning through the evening of December 2. The Warning was cancelled late on December 1.
 - On December 1, the NWS extended the Flood Warning for the Skagit River near Mount Vernon affecting Skagit County to be in effect from late that day to the afternoon of December 3. It was later cancelled.
 - On December 1, the NWS cancelled the Flood Watch for Clallam, Jefferson, Mason, Skagit, Snohomish and Whatcom Counties.
 - On December 1, the NWS extended the Flood Warning for the Skagit River near Concrete to be in effect from that morning through the evening of December 2. The Warning was cancelled late on December 1.
 - On December 2, the NWS cancelled the Flood Warning for the Nooksack River at Ferndale affecting Whatcom County.
 - On December 3, the NWS issued a Coastal Flood Advisory for the entire coast in effect from morning through early afternoon of December 4. The Advisory expired as scheduled.
 - On December 6, the NWS issued a Winter Weather Advisory for the Lowlands of Western Whatcom County including Point Roberts, Lummi Island, Bellingham, and Sumas in effect until 1300 that day. At 1100, the NWS cancelled the Advisory.
 - On December 7, The NWS issued a Winter Storm Warning for the Cascades of Whatcom, Skagit, Snohomish, King, Pierce and Lewis Counties as well as Western Chelan County in effect from 0400 on December 8 to 1000 on December 9. The Warning was cancelled on December 8.
 - On December 7, ESF 12 – Energy, was deactivated from the SEOC Atmospheric River Incident activation. The SEOC remained activated at level 2 – Partial Activation with ESFs 5, 6, 7, 8, 14, and 15 remaining active.
 - On December 8, ESF 6 – Mass Care, Emergency Assistance, Temporary Housing and Human Services, was deactivated from the 21-4321 Atmospheric River Incident response. The SEOC remains at Level 2 – Partial Activation with ESFs 5, 7, 8, 14, and 15 activated.
 - On December 8, ESFs 5 and 7 were deactivated from the 21-4321 Atmospheric River Incident response. The SEOC remains at Level 2 - Partial Activation with ESFs 8, 14 and 15 activated.

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- On December 9, the NWS cancelled the Winter Storm Warnings for Western Chelan County as well as the Cascades of King and Snohomish Counties. There being no Watches, Advisories or Warnings requiring action, this incident is closed for future weather products, but remains open for the SEOC activation supporting Atmospheric River Impacts and Recovery.
- 21-4786
- On December 3, Lincoln County opened a search for a 70-year-old male bicyclist missing in the Fourth of July Lake area and requested a helicopter with Forward Looking Infrared (FLIR). The request was coordinated with Spokane County. The request was cancelled, and the mission was closed when the subject rode out on his own.
- 21-4805
- On December 5, the Pacific Northwest Seismic Network reported a 3.0 magnitude earthquake, 20 miles North of Twisp in Okanogan County, 4 miles deep, occurred at 1321 hours.
- 21-4810
- On December 6, Kittitas County opened a search for a missing 64-year-old male hunter in the Stampede Pass area and requested Cell Phone Forensics. The request was coordinated with the Air Force Rescue Coordination Center (AFRCC). The mission was closed later that day when the subject was located safe and returned to his family.
- 21-4821
- On December 6, an AMBER Alert was issued for a 15-year-old female last seen in the rural area of Columbia County in the company of a 36-year-old male.
 - On December 7, the AMBER Alert was updated with a vehicle description. The alert was cancelled that evening after the victim and suspect were located in Spokane.
- 21-4822
- On December 6, Grays Harbor County initiated a search for a 5-year-old female and requested Dogs and Ground Searchers to assist. The request was coordinated with King, Lewis, Pierce, Kitsap, Thurston, Mason, and Jefferson Counties.
 - On December 7, the County requested additional Ground Searchers, Cadaver Dogs, and the State Planning Unit for the search on December 8. The request was coordinated with King, Pierce, Kitsap, Thurston, Mason, and Jefferson Counties.
 - On December 8, the County requested additional Ground Searchers and Human Remains Dogs for the search on December 9. The request was coordinated with King, Pierce, Kitsap, Thurston, Mason, and Jefferson Counties.
 - On December 9, the County requested GSAR for sifting of a debris pile on December 10. The request was coordinated with Kitsap, Thurston, Cowlitz and Mason Counties.
 - On December 14, the County closed the mission as a search and rescue without success.
- 21-4852
- On December 9, the NWS issued a Winter Storm Watch for Western and Central Chelan and Western Okanogan Counties in effect from the evening of December 10 through the evening of December 11.

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- On December 9, the NWS issued a Winter Storm Watch for the East Slopes of the Washington Cascades affecting Kittitas, Yakima, and Klickitat Counties in effect from the afternoon of December 10 through the afternoon of December 11.
- On December 9, the NWS issued a Winter Storm Watch for the Cascades of Whatcom, Skagit, Snohomish, King, Pierce, and Lewis Counties in effect from evening of December 10 through the evening of December 11.
- On December 9, the NWS issued a Winter Storm Watch for the South Washington Cascades affecting Skamania and Cowlitz Counties in effect from evening of December 10 through the morning of December 12.
- On December 9, the NWS issued a High Wind Watch for Pacific and Wahkiakum Counties in effect the evening of December 10 through the morning of December 11. The Watch was replaced by a High Wind Warning on December 10 and expired on December 11.
- On December 9, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands and the Puget Sound and Hood Canal in effect from 1600 on December 10 through 1000 on December 11. The Warning expired as scheduled.
- On December 9, the NWS issued a High Wind Watch for the North and Central Coast, San Juan, Whatcom, Island, Clallam, Grays Harbor and Jefferson Counties to be in effect from the night of December 10 to the morning of December 11. The Watch was replaced with a High Wind Warning on December 10 and expired on December 11.
- On December 10, the NWS issued a Winter Storm Warning for portions of Chelan and Okanogan Counties from 1800 that evening through 0400 on December 12. The Warning was cancelled on December 11.
- On December 10, the NWS issued a Winter Storm Watch for portions of Pend Oreille, Stevens, and Spokane Counties from the morning through afternoon of December 11. The Watch expired as scheduled.
- On December 10, The NWS issued a Winter Storm Warning for portions of Clallam, Grays Harbor, Jefferson, King, Lewis, Mason, Pierce, Skagit, Snohomish, and Whatcom Counties in effect from 1800 on December 11 through 0400 on December 12. The Warning expired as scheduled.
- On December 10, the NWS issued a Flood Watch for Mason County in effect through the morning of December 11. The Watch was replaced by a Flood Warning for the Skokomish River At Potlatch affecting Mason County through the evening of December 12. The Warning was cancelled early on December 12.
- On December 10, the NWS issued a Flood Watch for the Newaukum River in Lewis County in effect through the evening of December 11. The Watch was cancelled early on December 11.
- On December 10, the NWS issued a Winter Storm Warning for Columbia and Walla Walla from 1000 that day through 0400 on December 11. The Warning expired as scheduled.

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- On December 10, the NWS issued a Winter Storm Warning for Kittitas, Klickitat, and Yakima Counties in effect from 1800 that evening to 0400 on December 12. The Warning expired as scheduled.
- On December 10, the NWS issued a Winter Storm Warning for Stevens and Garfield Counties in effect from 1000 that night through noon on December 11. The Warning was cancelled early on December 11.
- On December 10, the NWS has issued a Gale Warning for the Northern inland waters including the San Juan Islands and Admiralty Inlet for Island, San Juan, Skagit, and Whatcom counties in effect until 0700 on December 11. The Warning expired as scheduled.
- On December 11, the NWS issued a High Wind Warning for the Hanford area of Benton, Franklin, and Walla Walla counties in effect until 0400 that afternoon. The Warning expired as scheduled.
- On December 11, the NWS has issued a Flood Warning for the Grays River near Rosburg in Wahkiakum County in effect from that morning through late that night. The Warning was cancelled later that day.
- On December 12, The Winter Storm Warning for Cowlitz and Skamania Counties was replaced with a Winter Weather Advisory. With no active Watches or Warnings in effect, this weather incident closed.

21-4907

- On December 13, Kittitas County initiated a search for two overdue snowmobilers in the Gallagher Lake area and requested Cell Phone Forensics. The request was coordinated with the AFRCC. The mission was later closed when the subjects were located in good condition.

21-4968

- On December 17, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands and Admiralty Inlet in effect from 1900 that evening until 1600 Saturday, December 18. The Warning was shortened to expire at noon on December 18 and expired as scheduled.
- On December 17, the NWS issued a Winter Storm Watch above 3,000 feet for Chelan, Clallam, Grays Harbor, Jefferson, King, Lewis, Mason, Pierce, Skagit, Snohomish, Whatcom County in effect from 2200 that evening until 1000 the morning of December 19. The Watch was later replaced with a Winter Storm Warning effective through December 19. The warning was reduced to expired on 2200 on December 18 and expired as scheduled.
- On December 17, the NWS issued a High Wind Warning for Jefferson, San Juan, and Island Counties in effect from 1900 that evening until 1600 on December 18. The Warning was shortened to expire at noon on December 18 and expired as scheduled.
- On December 17, the NWS issued a Winter Storm Watch above 3,000 feet for Cowlitz and Skamania Counties in effect 1600 the next afternoon until 0400 on December 19. The Watch was replaced with a Winter Storm Warning on December 19, in effect from 0600 that day until noon on December 20. The Warning expired as scheduled.
- On December 17, the NWS issued a Winter Storm Watch for the Northeast Blue Mountains affecting Asotin and Garfield Counties from December 18 through December 20.

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- On December 17, the NWS issued a Winter Storm Watch for Northeast Mountains in Stevens, Pend Oreille, and Spokane Counties in effect from the afternoon of Saturday December 18 through late that night. The watch was upgraded to a warning late that day. On December 18, the Winter Storm Warning expired as scheduled.
- On December 17, the NWS issued a High Wind Warning for San Juan County and Admiralty Inlet in effect from that evening through the afternoon of December 18.
- On December 18, the NWS issued a Winter Storm Warning affecting the East Slopes of the Washington Cascades for Kittitas, Klickitat, and Yakima Counties in effect until 1900 on December 20. The Warning expired as scheduled.
- On December 18, the NWS issued a Winter Storm Watch above 2,500 feet for Klickitat and Yakima Counties in effect from 0400 that day until 1900 on December 20.
- On December 18, the NWS issued a Winter Storm Watch above 4,000 feet for Columbia and Walla Walla Counties in effect from 2200 that evening until 1500 on December 20.
- On December 18, the NWS issued a Flood Watch for Mason County through the end of that day. The watch was upgraded to a Flood Warning for the Skokomish River at Potlatch effective through December 19 at which time it expired.
- On December 18, the NWS issued a Winter Storm Warning for the Northwest Blue Mountains of Walla Walla and Columbia Counties and the Simcoe Highlands of Yakima and Klickitat Counties effective through December 20. The Warnings expired as scheduled.
- On December 18, the NWS issued a Winter Storm Watch for the Central Columbia River Gorge area affecting Skamania County in effect from the afternoon of December 19 until the morning of December 20. The Watch expired as scheduled.
- On December 18, the NWS issued a Winter Storm Warning for Klickitat County in effect from 1300 on December 19 until 1600 on December 20. The Warning expired as scheduled.
- On December 19, the NWS issued a Winter Storm Warning for the Western Columbia River Gorge area affecting Clark and Skamania Counties in effect until 1000 that day. The Warning was later cancelled.
- On December 20, the NWS issued a Winter Storm Watch for the South Washington Cascades and the Central Columbia River Gorge affecting portions of Skamania and Cowlitz Counties in effect from the evening of December 21 through the afternoon of December 22.

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- On December 21, the NWS issued Winter Storm Watches for the Olympics affecting Mason, Grays Harbor, Jefferson and Clallam Counties and the Cascades of Whatcom, Skagit, Snohomish, King, Pierce and Lewis Counties in effect from late night December 21 through the night of December 22. The Watches were replaced with Winter Storm Warnings on December 21, in effect from early on December 22 through the afternoon of December 23. The Warnings were extended on December 23 to be in effect until 0400 on December 24.
- On December 21, the NWS issued a Flood Watch for Mason County in effect from the afternoon through late night of December 22. The Flood Watch was later extended through the afternoon of December 23. The Watch was replaced by a Flood Warning on December 22, in effect through the evening of December 23. On December 23, the Warning was extended to be in effect through the morning of December 24. The Warning was cancelled on December 24.
- On December 21, the NWS issued a Winter Storm Watch for Western Chelan County in effect from late that night through late night on December 22. The Watch expired as scheduled.
- On December 21, the NWS issued a Winter Storm Watch for the Northeast Mountains affecting Stevens, Pend Oreille, and the northern portion of Spokane Counties in effect from that evening through the morning of December 22. The Watch expired as scheduled.
- On December 21, the NWS issued a Winter Storm Warning for Chelan County in effect from the early morning of December 22 through the early morning of December 23. The Warning was extended on December 22 to be in effect until 1000 on December 23. The Warning was extended on December 23 to be in effect until 0400 on December 24. The Warning expired as scheduled.
- On December 21, the NWS issued a Winter Storm Warning for Kittitas, Klickitat, and Yakima Counties in effect from the early morning of December 22, through the morning of December 23. The Warning was extended on December 23 to be in effect through the night of December 24. The Warning expired as scheduled.
- On December 21, the NWS cancelled the Winter Storm Watch for the central Columbia River Gorge.
- On December 21, the NWS issued a Winter Storm Warning for the south Washington Cascades affecting Skamania and Cowlitz Counties in effect from 0800 on December 22 to 1600 on December 23. The Warning expired as scheduled.
- On December 21, the NWS issued a Winter Weather Advisory for freezing rain up to .10 inches in western Whatcom County in effect until 2200 that night. The Advisory expired as scheduled.
- On December 23, the NWS issued a Winter Storm Watch for the South Washington Cascades affecting Skamania and Cowlitz Counties in effect from the morning through night of December 24. The Watch was later replaced with a Winter Storm Warning in effect from 0600 on December 24 to 0600 on December 25. The Warning expired as scheduled.

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- On December 23, the NWS issued a Winter Storm Warning for Cowlitz, Pacific, and Wahkiakum Counties in effect from the morning through late night on December 24. The Warning expired as scheduled.
- On December 23, the NWS issued a Winter Storm Warning for Pend Oreille and Stevens Counties in effect from 0400 on December 25 to 0400 on December 26. The Warning was later extended to begin at 0400 on December 24 through 0400 on December 26. The Warning was cancelled on December 26.
- On December 23, the NWS issued a Winter Storm Watch for Clark, Cowlitz, Skamania, and Wahkiakum Counties in effect from the afternoon of December 25 through late night on December 26. The Watch was replaced by a Winter Storm Warning on December 24 for the same period. The Warning expired as scheduled.
- On December 24, the NWS extended the Winter Storm Warning above 3,000 feet for Lewis, King, Pierce, Skagit, Snohomish and Whatcom Counties to be in effect until 1000 that day.
- On December 24, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands in effect from 1200 that day until 0200 on December 26. On December 25, the NWS extended the Gale Warning to be in effect until noon on December 27. The Warning expired as scheduled.
- On December 24, the Winter Storm Warning for Western Chelan, Kittitas, Klickitat, Yakima and the Olympic Mountains of Clallam, Grays Harbor, Jefferson and Mason Counties expired as scheduled.
- On December 24, the NWS issued a Winter Storm Watch for portions of Clallam, Island, Jefferson, Skagit, and Whatcom Counties from that evening through the morning of December 26. The Watch was cancelled on December 26.
- On December 24, the Winter Storm Watch was upgraded to a Winter Storm Warning for portions of Clallam, Island, Jefferson, Skagit, and Whatcom Counties. The Winter Storm Warning for portions of King, Lewis, Pierce, Skagit, Snohomish, and Whatcom Counties is downgraded to a Winter Weather Advisory.
- On December 26, the NWS issued a Winter Storm Warning for Jefferson, King, Kitsap, Mason, and Snohomish Counties in effect until 1500 that afternoon. The Warning was cancelled early in the afternoon.
- On December 26, the NWS issued a Snow Squall Warning for East Central Whitman County in effect until 1600 that day. A second Snow Squall Warning was later issued for the same area in effect until 1630. The Warnings expired as scheduled.
- On December 26, the NWS issued a Wind Chill Warning for the Waterville Plateau and Okanogan Valley affecting Douglas, Grant and Okanogan Counties in effect until 1200 on December 27. The Warning was extended on December 27 to be in effect until 1500 that day. The Warning expired as scheduled.

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- On December 26, the NWS issued a Wind Chill Warning for San Juan and Western Whatcom Counties in effect until 1000 on December 27. The Warning expired as scheduled.
 - On December 26, the NWS issued a High Wind Warning for Western Whatcom County until 1000 December 27. The Warning expired as scheduled, ending this weather event.
- 21-4991
- On December 19, King County initiated a search mission for a subject believed to have jumped from a bridge. Cell Phone Forensics were requested and coordinated through the AFRCC. The mission was later closed when the subject was located deceased and recovered.
- 21-5095
- On December 28, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands in effect from 1900 that evening to 1300 on December 29. The Warning expired as scheduled.
 - On December 29, the NWS issued a Winter Storm Warning for Columbia and Walla Walla Counties in effect from the morning of December 30 through the early morning of December 31. The Warning expired as scheduled.
 - On December 30, The NWS issued a Winter Storm Warning for Whitman, Garfield, Spokane and Asotin Counties from 0400 on December 30 to 0400 on December 31. The Warning expired as scheduled.
 - On December 30, the NWS issued a Winter Storm Warning for the East Puget Sound Lowlands of Pierce, Snohomish, and King Counties until 1400. The Warning expired as scheduled.
 - On December 31, with no Watches, Advisories, or Warnings in effect, this weather event ended.
- 21-5105
- On December 29, Whatcom County initiated a rescue of a 27-year-old injured female near Mount Baker and requested a helicopter with hoist. The request was coordinated with the AFRCC. The mission was closed later that day when the subject was airlifted to St Joseph Hospital.
- 21-5133
- On December 31, the NWS issued a Winter Storm Watch for the Cascades of Kittitas, Klickitat, Yakima, Chelan, Cowlitz, Whatcom, Skagit, Snohomish, King, Pierce, Lewis and Skamania Counties and the Olympic Mountains in effect from January 2 to January 3.
 - On December 31, the NWS issued a High Wind Watch for portions of Columbia and Walla Walla Counties in effect from January 2 to January 3.
 - On December 31, the NWS issued a High Wind Watch for western Whatcom and Skagit Counties, Admiralty Inlet area and the north and central coast in effect from January 1 to January 2.
 - On December 31, the NWS issued a Coastal Flood Advisory for the South Washington Coast affecting Pacific and Wahkiakum Counties from 1000 to 1400 on January 1.
 - On December 31, The NWS issued a High Wind Watch for the South Washington Coast affecting Pacific and Wahkiakum County. In effect from the morning through evening of January 1.
 - **This incident remained open as of the end of December 2021.**

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SEOO Activity for the current month

332	Warnings issued to jurisdictions for imminent or occurring emergencies.
261	Warnings issued to tribal nations for imminent or occurring emergencies.
1050	Notifications conducted to state and local agencies for imminent or occurring emergencies.
13	Resources coordinated for search, rescue, recovery and response operations.

Participated in 15 drills/exercises of which 12 were spill drills.

Conducted the following tests:

Test Conducted (see below for descriptions of each test)	Frequency of test	Number of tests completed this month	Total number of stations tested this month	Number of stations responding during tests initiated by the Alert Warning Center	Contact Success rate for those tests initiated by the Alert Warning Center
NAWAS - FEDERAL	Twice daily	62			
NAWAS - STATE	Twice daily	62	1905	1550	81%
STAEN	At least twice per month	2	26	8	31%
CEMNET	At least 3 per week	14	266	160	60%

Test Conducted (see below for descriptions of each test)	Frequency of test	Number of tests completed this month	Test Conducted (see below for descriptions of each test)	Frequency of test	Number of tests completed this month
Dedicated phone line test for DOE	At least 1 per week	3	AHAB Siren test	At least 1 per month	1
Dedicated phone line test for CGS	At least 1 per week	6	King County 800 MHz Radio System tests	At least 1 per week	2
AHAB Daily Function status	1 per day	31			

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Test information/definitions:

- NAWAS: National Warning System Tests (NAWAS) over the State and Federal circuits. NAWAS connects over 1,800 State and Federal jurisdictions and agencies on the Federal circuit and all counties, some agencies and some tribes on the State circuit. There are four tests a day, two state and two federal, testing 66 drops on two circuits. The number above reflects the four tests a day. Previously the number included the total number of stations contacted during those tests.
- DOE tests: Department of Energy Hanford Site has a dedicated phone and fax line into the EOC and they are tested at least weekly. Only the voice phone line numbers are reported here.
- CGS tests: Columbia Generating Station has a dedicated phone and fax line into the EOC and they are tested at least weekly. Only the voice phone line numbers are reported here.
- AHAB: All Hazards Alert Broadcast System is tested daily through the daily function tests, which tests the functional capability of all coastal and Puget Sound siren systems. The voice and tone sirens are tested monthly. The AHAB Siren activates the coastal and Puget Sound voice and tone sirens during tsunami and other hazardous incidents.
- STAEN: The State Agency Emergency Network (STAEN) connects state agency via an 800 MHz radio system.
- CEMNET: Comprehensive Emergency Management Network radio connecting all counties and many cities.
- King County 800 MHz System connects the Alert and Warning Center with King County key emergency management and response organizations.