

Washington State Emergency Operations Officer Monthly Report

November 2021

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

CATEGORY	November 2021	November 2020	2021	2020
Logged incidents:				
DOE (Department of Energy, Hanford Site)	0	0	5	5
FIRE	33	42	479	222
HAZARDOUS MATERIALS INCIDENTS (HAZMAT)	254	175	2507	2236
OTHER	88	79	789	692
911 SERVICE OUTAGES	0	0	5	11
SEARCH AND RESCUE MISSIONS (SAR)	56	79	907	1010
TERRORIST	0	0	0	0
INITIAL WEATHER INCIDENTS	2	5	51	42
CGS (Columbia Generating Station)	0	0	0	0
Total number of logged Incidents:	433	380	4743	4218

Categories not included in the total number of logged incidents above				
Additional Weather Alerts	296	81	982	871
Evidence Search Mission	6	5	61	59

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.

Washington State Emergency Operations Officer Monthly Report

SIGNIFICANT EVENTS

- 20-0265
- This mission in response to the Corona Virus (COVID-19) outbreak was initiated on January 21, 2020 and continued into November 2021 with the State EOC activated at Level 2 (Partial).
 - **This mission remained open as of the end of November.**
- 21-4309
- This mission for an Olympic National Park search and rescue of three lost hikers near Lake Crescent at the Storm King Ranger Station was initiated on October 31 and continued into November 2021.
 - On November 1, the Olympic National Park advised that the subjects self-rescued and the mission was closed.
- 21-4321
- On November 2, the National Weather Service (NWS) issued a Gale Warning for the Northern Inland Waters including the San Juan Islands in effect from that evening until early the next morning.
 - On November 2, the NWS issued a High Wind Watch for the South Washington Coast affecting Pacific and Wahkiakum Counties in effect from late on November 3 through the afternoon of November 4. The Watch was cancelled on November 3.
 - On November 2, the NWS issued a Coastal Flood Advisory for the South Coast affecting Pacific, and Wahkiakum Counties for November 4.
 - On November 3, the NWS issued a Flood Watch for Mason County in effect from the morning of November 4 through the morning of November 5.
 - On November 4, the NWS issued a Flood Warning for Skokomish River at Potlatch affecting Mason County until early afternoon on November 5. The Flood Watch for Mason County was later cancelled.
 - On November 4, the NWS issued a Coastal Flood Advisory affecting Wahkiakum County in effect the afternoon of November 5. A second Coastal Flood Advisory was issued for the afternoon of November 6.
 - On November 4, the NWS issued a Coastal Flood Advisory affecting Tacoma, Seattle, and Bremerton area in Pierce County in effect until that evening.
 - On November 5, the NWS extended the Flood Warning for the Skokomish River at Potlatch affecting Mason County through the afternoon of November 6. The Warning was cancelled on November 6.
 - On November 5, the NWS issued a Coastal Flood Advisory for the North and Central Coasts of Washington affecting Clallam, Jefferson, and Grays Harbor Counties in effect through the evening of November 6. The Advisory expired as scheduled.
 - On November 6, the NWS issued a Coastal Flood Advisory for the South Washington Coast affecting Pacific and Wahkiakum counties in effect through the afternoon of November 7. The Advisory expired as scheduled.
 - On November 6, the NWS issued a Coastal Flood Advisory for the North and Central Coasts of Washington in effect from noon that day through the afternoon of November 7. The Advisory expired as scheduled.

Washington State Emergency Operations Officer Monthly Report

- On November 7, the NWS issued a High Wind Watch for the Northwest Blue Mountains affecting Walla Walla and Columbia Counties in effect from the afternoon of November 8 through the morning of November 9.
- On November 7, the NWS issued a special Marine Warning for the coastal waters of Cape Shoalwater Washington in effect for Pacific County through that morning.
- On November 7, the NWS cancelled the Coastal Flood Advisory for the South Washington Coast for Pacific and Wahkiakum Counties. The Advisory expired as scheduled.
- On November 7, the NWS issued a Flood Warning for the Skokomish River at Potlatch in Mason County in effect from that evening through the afternoon of November 8.
- On November 8, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands in effect from that night through the afternoon of November 9.
- On November 8, the NWS issued a Winter Storm Watch for Olympic Mountains including Hurricane Ridge affecting Clallam, Grays Harbor, Jefferson, and Mason Counties in effect from that evening through the evening of November 9.
- On November 8, the NWS issued a Winter Storm Watch for the Cascades of King, Lewis, Pierce, Skagit, Snohomish, and Whatcom counties in effect from that evening through the evening of November 9.
- On November 8, the NWS issued a High Wind Warning for the Northwest Blue Mountains affecting Columbia and Walla Walla Counties in effect from that evening through the next morning. The Warning expired as scheduled.
- On November 8, the NWS issued a Winter Storm Warning affecting western Chelan County in effect through November 10.
- On November 8, the NWS issued a Coastal Flood Advisory affecting San Juan County, western Skagit and Western Whatcom Counties and the Admiralty Inlet in effect through November 9. The Advisory expired as scheduled.
- On November 8, the NWS issued a Flood Watch for Mason County effect from the evening of November 9 through the afternoon of November 10.
- On November 8, the NWS upgraded the Winter Storm Watch to a Winter Storm Warning for the Olympic Mountains and Cascades of Whatcom, Skagit, Snohomish, King, Pierce & Lewis Counties in effect from the evening of November 8 through the evening of November 9.
- On November 8, the NWS issued a Flood Warning for the Skokomish River at Potlatch in Mason County in effect until further notice. The Warning was cancelled on November 10.
- On November 9, the NWS issued a Storm Warning for portions of Clallam, Grays Harbor, Island, Jefferson, Pacific, and San Juan Counties in effect through that morning.

Washington State Emergency Operations Officer Monthly Report

- On November 9, the NWS issued a Gale Warning for the Admiralty Inlet, Puget Sound and Hood Canal affecting Island, Jefferson, King, Kitsap, Mason, Pierce, Thurston, and Snohomish Counties in effect through that afternoon. The Warning was later extended into the evening, then expired as scheduled.
- On November 9, the NWS issued a High Wind Warning for San Juan County, Western Whatcom County, Western Skagit County, Admiralty Inlet Area in effect through that afternoon. The Warning was cancelled later that day.
- On November 9, the NWS issued a High Wind Warning for the North and Central Coast affecting Clallam, Grays Harbor, and Jefferson Counties in effect through that afternoon.
- On November 9, the NWS issued a Coastal Flood Advisory affecting Everett, Seattle, and Bremerton through noon that day.
- On November 9, the NWS issued a Tornado Warning for Kitsap County in effect through that afternoon. The Tornado Warning was later extended and then expired on that day.
- On November 9, the NWS issued a Marine Warning for the Puget Sound and Hood Canal in effect through early that afternoon.
- On November 9, the NWS issued a Severe Thunderstorm Warning for Mason County and Grays Harbor County in effect through early that afternoon. The Warning was extended for Mason County until late afternoon, then expired as scheduled.
- On November 9, the NWS issued a Marine Warning for Puget Sound and Hood Canal in effect through that afternoon. The Special Marine Warning was later cancelled.
- On November 10, the NWS ended the Winter Storm Warning for the Olympic Mountains and Cascades of Whatcom, Skagit, Snohomish, King, Pierce & Lewis Counties.
- On November 10, the NWS issued a Flood Watch for Clallam, Grays Harbor, Jefferson, King, Lewis, Mason, Pierce, Skagit, Snohomish, Thurston, and Whatcom counties in effect from Thursday afternoon through the afternoon of November 13. This was later extended for Clallam, Grays Harbor, Jefferson, King, Mason, Pierce, Skagit, Snohomish, and Whatcom counties through the afternoon of November 16.
- On November 10, the NWS issued a Flood Watch for portions of Southwest Washington in effect from Thursday afternoon through late Friday night for Clark, Cowlitz, Pacific, Skamania, and Wahkiakum counties. On November 12 this Flood Watch was cancelled.
- On November 11, the NWS issued a Flood Warning for the Skokomish River at Potlatch in Mason County in effect from that afternoon until further notice.
- On November 11, the NWS issued a Flood Warning for the Nisqually River near National affecting Lewis and Pierce Counties in effect from 2315 that night until 1245 on November 13. On November 12, the NWS extended the Flood Warning until 1741 on Saturday, November 13. The Warning was cancelled early on November 13.

Washington State Emergency Operations Officer Monthly Report

- On November 11, the NWS issued a Flood Warning for the Puyallup River near Orting affecting Pierce County in effect late that night until the evening of November 12. This was later extended through the morning of November 13. The Warning was cancelled early on November 13.
- On November 11, the NWS issued a Flood Warning for Grays River near Rosburg affecting Wahkiakum County in effect late that night until the morning of November 13. The Warning was cancelled early on November 13.
- On November 11, the NWS issued a Flood Warning for the Snoqualmie River near Snoqualmie Falls affecting King County in effect late that night until the morning of November 13. On November 12, the National Weather Service extended the Flood Warning until the afternoon of November 13. The Warning was cancelled early on November 13.
- On November 11, the NWS issued a Flood Warning for the Tolt River near Carnation affecting King County in effect from that evening through the morning of November 13. On November 12, the Flood Warning was cancelled.
- On November 11, the NWS issued a Flood Warning for the Newaukum River near Chehalis in Lewis County in effect from late that night to early afternoon on November 13. On November 13, the National Weather Service cancelled the Flood Warning.
- On November 11, the NWS issued a Flood Warning for the Carbon River near Fairfax affecting Pierce County in effect through November 13. The Flood Warning expired as scheduled.
- On November 11, the NWS issued a Flood Warning for the Cowlitz River at Randle and the Cowlitz River at Packwood affecting Lewis County in effect from late that night to early morning on November 14. On November 12, the NWS cancelled the Flood Warning for the Cowlitz River at Packwood. The Flood Warning for the Cowlitz at Randle was extended to November 15, and then cancelled on that date.
- On November 12, the NWS issued a Flood Warning for the Skagit River near Concrete in effect until further notice. The Warning was cancelled early on November 13.
- On November 12, the NWS issued a Flood Warning for the Skykomish River near Gold Bar affecting Snohomish County in effect from that morning through the morning of November 13. The Warning was cancelled early on November 13.
- On November 12, the NWS issued a Flood Warning for the Stillaguamish River at Arlington in Snohomish County in effect from that afternoon through the morning of November 13. The Warning was cancelled early on November 13.
- On November 12, the NWS issued a Flood Warning for the Snoqualmie River near Carnation affecting King County in effect through the early morning of November 14. The Warning was cancelled early on November 14.
- On November 12, the NWS issued a Flood Warning for the Chehalis River above Grand Mound affecting portions of Grays Harbor, Thurston, and Lewis Counties in effect from that evening through the morning of November 14. The Warning was cancelled early on November 14.

Washington State Emergency Operations Officer Monthly Report

- On November 12, the NWS issued a Flood Warning for the South Prairie Creek at South Prairie affecting Pierce County in effect through that evening. It was later extended through the next morning. The Flood Warning was cancelled early on November 13.
- On November 12, the NWS issued a Flood Warning for the Snohomish River near Monroe affecting Snohomish County in effect until the next evening. The Flood Warning was cancelled on November 13.
- On November 12, the NWS issued a Flood Warning for the Snohomish River at Snohomish affecting Snohomish County in effect from this evening until Sunday morning, November 14. The Flood Warning was cancelled on November 13.
- On November 12, the NWS issued a Flood Warning for Skagit River near Mt. Vernon affecting Skagit County in effect from late that night through the morning of November 14. The Flood Warning was cancelled on November 13.
- On November 12, the NWS issued a Flood Warning for the Cowlitz River at Kelso affecting Cowlitz County in effect until the morning of November 13. The Flood Warning was cancelled early on November 13.
- On November 12, Skagit County issued a Declaration of Emergency for flooding and storm conditions.
- On November 12, the NWS issued a Flood Warning for the Chehalis River at Porter in Grays Harbor County in effect from the morning of November 13 through the morning of November 15. The Warning was cancelled on November 15.
- On November 12, the NWS cancelled the Flood Watch for Lewis and Thurston Counties.
- On November 13, the Town of Lyman in Skagit County issued a Declaration of Emergency in response to weather and local flooding.
- On November 13, the NWS issued a Flood Watch for Grays River near Rosburg affecting Wahkiakum County in effect Monday morning through late Monday night, November 15. On November 14, the NWS replaced the Flood Watch with a Flood Warning in effect until November 16. The Warning was cancelled on November 15.
- On November 13, the Town of Hamilton in Skagit County issued a Declaration of Emergency in response to weather and local flooding.
- On November 13, the NWS issued a High Wind Watch for Adams, Grant, Lincoln, Pend Oreille, Spokane, Stevens, and Whitman Counties in effect from the afternoon through evening of November 15.
- On November 13, the NWS issued a Flood Watch for Lewis County in effect until the afternoon of November 16.
- On November 13, the NWS issued a Gale Warning for the Northern Inland Waters including the San Juan Islands, Admiralty Inlet, and Puget Sound and Hood Canal in effect until 1600 on November 15.
- On November 13, the NWS issued a Flood Warning for the Skykomish River near Gold Bar affecting Snohomish County in effect from early that morning through the evening of November 14. On November 14, the NWS extended

Washington State Emergency Operations Officer Monthly Report

the Warning to be in effect from that afternoon through the morning of November 16. The Warning was cancelled on November 16.

- On November 14, the NWS issued a Flood Warning for the Skagit River Near Concrete affecting Skagit County in effect from this morning through late Tuesday. On November 14, The NWS extended the Flood Warning in effect until early Wednesday morning. On November 16, the National Weather Service extended the Flood Warning until November 18 which then expired as scheduled.
- On November 14, the NWS cancelled the Flood Watch for a portion of west central Washington affecting Lewis County.
- On November 14, the NWS issued a Flood Warning for the Snoqualmie River Near Snoqualmie Falls affecting King County in effect through the morning of November 16. The Warning was cancelled on November 15.
- On November 14, the NWS issued a High Wind Watch along the beaches and headlands affecting Pacific and Wahkiakum Counties in effect from Monday morning through the afternoon of November 15.
- On November 14, the NWS issued a Flood Warning for the South Fork Nooksack River at Saxon Bridge affecting Whatcom County in effect until the early morning of November 15. The Warning was cancelled on November 15.
- On November 14, the NWS issued a Flood Warning for the Samish River at Burlington affecting Skagit County in effect until Tuesday morning. On November 16, the National Weather Service extended the Flood Warning until that evening. The Warning was cancelled on November 16.
- On November 14, the NWS issued a Flood Warning for the Snohomish River Near Monroe from that afternoon through the evening of November 16. The Warning was cancelled on November 16.
- On November 14, the NWS issued a Flood Warning for the Snohomish River at Snohomish from that afternoon through the morning of November 17. The Warning was cancelled on November 17.
- On November 14, the NWS issued a Flood Warning for the Snoqualmie River Near Carnation affecting King County until late evening on November 16.
- On November 14, the NWS has issued a Flood Warning for the Nooksack River at North Cedarville affecting Whatcom County from that afternoon through the afternoon of November 16. On November 15, the NWS extended the Warning to be in effect through the evening of November 16. The Warning expired as scheduled.
- On November 14, the NWS issued a Flood Warning for the Skagit River Near Mt. Vernon affecting Skagit County from that evening through the evening of November 17.
- On November 14, the NWS issued a Flood Warning for the Nooksack River at Ferndale affecting Whatcom County from this evening through Wednesday afternoon. The Warning was cancelled on November 17.
- On November 14, the NWS issued a Storm Warning for the East Entrance U.S. Waters Strait of Juan De Fuca affecting Clallam, Jefferson, Island and San Juan Counties from the morning through the evening of November 15.

Washington State Emergency Operations Officer Monthly Report

- On November 14, the NWS issued a High Wind Watch for the Central Coast affecting portions of Grays Harbor County from that evening through the afternoon of November 15. The High Wind Watch was later extended to include the Admiralty Inlet Area affecting portions of Jefferson and Island Counties from the morning through the evening of November 15. The Watch expired as scheduled.
- On November 14, the NWS issued a Flood Warning for the Nooksack River at Everson affecting Whatcom County in effect through the early morning of November 16. On November 15, the NWS extended the Flood Warning for the Nooksack River at Everson affecting Whatcom County until 1600 on November 16. The Warning expired as scheduled.
- On November 14, the NWS issued a Flood Warning for the Stehekin River at Stehekin affecting Chelan County in effect from late that night through the afternoon of November 16.
- On November 14, the NWS extended the Flood Warning for the Snoqualmie River Near Carnation affecting King County is in effect from that evening until late afternoon on November 17.
- On November 14, Whatcom County issued a Declaration of Emergency for flooding and storm conditions.
- On November 14, the NWS issued a High Wind Warning for Western Skagit and Western Snohomish, Kitsap, Jefferson, and Island counties in effect from 1000 to 1900 on November 15. The Warning was cancelled on November 15.
- On November 14, the NWS issued a Flood Warning for the Bogachiel River near LaPush in Clallam County in effect from that evening through the evening of November 15. On November 15, the NWS extended the Warning to be in effect from that evening until just after midnight. The Warning was cancelled on November 16.
- On November 14, the NWS issued a High Wind Warning for Asotin, Garfield, and Whitman counties in effect from 1400 to 2200 hours on November 15. The Warning expired as scheduled.
- On November 14, the NWS has issued a High Wind Warning for Adams, Grant, and Lincoln counties in effect from 0900 to 2000 hours on November 15. The Warning expired as scheduled.
- On November 14, the NWS extended the Flood Warning for the Skokomish River at Potlach affecting Mason County to be in effect from that evening until further notice.
- On November 14, the NWS extended the Flood Warning for the Skagit River near Concrete affecting Skagit County to be in effect from that evening until the morning of November 17.
- On November 15, the NWS extended the Flood Warning for the Chehalis River at Porter in Grays Harbor County until that afternoon.
- On November 15, the NWS extended the Flood Warning for the Stehekin River at Stehekin in Chelan County to be in effect from that morning through the evening of November 16.

Washington State Emergency Operations Officer Monthly Report

- On November 15, the NWS extended the Flood Warning for the Skagit River Near Mt. Vernon affecting Skagit County from that evening through the morning of November 18. On November 16, the Warning was extended to be in effect from that evening through the afternoon of November 18. It was later extended through late night on November 18. The Warning was cancelled on November 19.
- On November 15, the NWS issued a Coastal Flood Advisory for the Admiralty Inlet Area, Eastern Strait of Juan de Fuca, Western Strait of Juan De Fuca and North Coast for Clallam, Island, and Jefferson Counties in effect until 1600 hours that day. The Advisory expired as scheduled.
- On November 15, the NWS issued a Flood Advisory for Clallam, Jefferson, and San Juan counties in effect through that morning. The Advisory expired as scheduled.
- On November 15, the NWS extended the Flood Warning for the Skokomish River at Potlatch in Mason County from that morning through late night on November 16.
- On November 15, the State EOC (SEOC) activated at Level 2 – Partial Activation for Atmospheric River Impacts in addition to continuing COVID-19 response activities with ESFs 5, 7, 8, 11, and 15 active.
- On November 15, The NWS issued a Flood Warning for portions of Skagit and Whatcom Counties until 2200 that day.
- On November 15, the NWS issued a Flood Watch for the Okanogan River near Tonasket affecting Okanogan County from the afternoon of November 16 through the afternoon of November 18.
- On November 15, the NWS issued a Flood Warning for the Similkameen River near Nighthawk affecting Okanogan County from late that night through the afternoon of November 17. The Warning for the Similkameen River near Nighthawk was cancelled on November 17.
- On November 15, the NWS issued a Flood Warning for the Elwha River at McDonald Bridge affecting Clallam County until just after midnight tonight. The Flood Warning expired as scheduled.
- On November 15, the NWS issued a Flood Warning for the Stillaguamish River at Arlington in Snohomish County through the afternoon of November 16. The Warning was cancelled on November 16.
- On November 15, the NWS issued a Coastal Flood Advisory for San Juan County, Western Whatcom County and Western Skagit County through that afternoon.
- On November 15, Governor's Proclamation 21-18 for Severe Weather was signed.
- On November 15, the NWS issued a Coastal Flood advisory for Clallam, Island and Jefferson Counties in effect through that afternoon.
- On November 15, the NWS issued a High Wind Warning for the Spokane area affecting Spokane County in effect until 2200 hours that evening. The Warning expired as scheduled.

Washington State Emergency Operations Officer Monthly Report

- On November 15, the NWS extended the Flood Warning for the Skokomish River at Potlatch affecting Mason County until the evening of November 18.
- On November 15, the NWS cancelled the Flood Watches for portions of Mason, Skagit, Whatcom, and Pierce Counties.
- On November 15, the NWS cancelled the High Wind Warning for the Central Coast affecting portions of Grays Harbor County.
- On November 15, the SEOC activated ESFs 1 (Transportation), 3 (Public Works Engineering), and 20 (Defense Support to Civil Authorities) to the Level 2 – partial activation for Atmospheric River Impacts.
- On November 15, the SEOC activated ESFs 6 (Mass Care, Housing, and Human Services) and 14 (Long-term Recovery) to the Level 2 – partial activation for Atmospheric River Impacts.
- On November 16, the NWS extended the Flood Warning for the Snohomish River near Monroe affecting Snohomish County in effect until Tuesday evening.
- On November 16, the NWS extended the Flood Warning for the Snohomish River at Snohomish affecting Snohomish County in effect until late Wednesday morning.
- On November 16, the NWS extended the Flood Warning for the Snoqualmie River Near Carnation affecting King County in effect until late Tuesday afternoon. The Flood Warning for the Snoqualmie River near Carnation expired as scheduled.
- On November 16, the NWS extended the Flood Warning for the Skokomish River at Potlatch in Mason County from this morning until further notice. On November 17, the Flood Warning was cancelled.
- On November 16, the NWS cancelled the Flood Watch for Clallam, Grays Harbor, Jefferson, King, and Snohomish counties.
- On November 16, the NWS issued a Flood Warning for the Okanogan River near Tonasket affecting portions of Okanogan County in effect from that evening through late on November 18. The Warning was cancelled on November 17.
- On November 16, the NWS issued a Freeze Warning for Klickitat county in effect through that morning. The Warning expired as scheduled.
- On November 16, the NWS issued a Flash Flood Watch for Skagit River Levee on the Skagit River affecting Skagit County in effect until 1600 this afternoon. The Flash Flood Watch was cancelled later that day.
- On November 17, the SEOC activated ESF 12 (Energy) to the Level 2 – partial activation for Atmospheric River Impacts.
- On November 17, the SEOC elevated to a Level I - Full Activation. ESFs 1, 3, 5, 6, 7, 8, 11, 12, 14, 15, and 20 remained activated in support of the Atmospheric River Event and the ongoing COVID-19 response.
- On November 21, the SEOC activated ESF 2 (Communications) to the Level 1 – full activation for Atmospheric River Impacts.

Washington State Emergency Operations Officer Monthly Report

- On November 24, the NWS issued a Flood Watch for Mason County in effect from the evening of November 25 through late night on November 27. On November 27, the Watch was extended to be in effect until the morning of November 29.
- On November 24, the SEOC lowered to Level 2 – Partial Activation in response to atmospheric river impacts and in support of ongoing COVID-19 response activities. ESF 1 (Transportation), ESF 2 (Communications), ESF 3 (Public Works and Engineering), and ESF 20 (Defense Support to Civil Authorities) were deactivated. The SEOC continued its activation with ESFs 5, 6, 7, 8, 11, 12, 14, and 15 remaining active.
- On November 24, the NWS issued a Gale Warning for Admiralty Inlet and the Northern Inland Waters including the San Juan Islands in effect from 0200 to 1600 on November 25. On November 25, Warning was extended to be in effect until 1900 hours that evening and then expired as scheduled.
- On November 25, the NWS issued a Flood Watch for Whatcom County in effect from the morning of November 26 through the morning of November 27. It was extended later that day to begin late the evening of November 25.
- On November 25, the NWS issued a Flood Watch for Skagit, King, and Snohomish Counties effective the evening of November 25 through the morning the November 27. On November 26, the Watch was extended to be in effect through the afternoon of November 28.
- On November 26, the NWS issued a Flood Watch for Grays Harbor, Jefferson, and Clallam Counties in effect from the evening of November 27 through the evening of November 29. The Watch was cancelled on November 28.
- On November 26, the NWS issued a Flood Watch for Chelan, and Okanogan Counties in effect from the evening of November 27 through the evening of November 29. The Watch was cancelled on November 28.
- On November 27, the NWS issued a Gale Warning for the Northern Inland Waters including The San Juan Islands, Admiralty Inlet, Puget Sound and Hood Canal in effect through November 28. The Warning expired as scheduled.
- On November 27, the NWS extended the Flood Watches for King, Skagit, Snohomish and Whatcom Counties to be in effect through the morning of November 29. The Watches were cancelled early on November 29.
- On November 27, the SEOC received a State Mobilization Prepositioning request from the NW Region Coordinator for two type 3 Swift Water Rescue Teams for Whatcom County. Chief Batiste approved Whatcom Counties preposition request for two swift water rescue teams.
- On November 27, the NWS issued a Flood Warning for the Skokomish River at Potlatch for Mason County in effect until further notice. The Warning was cancelled on November 30.
- On November 28, the NWS issued a Flood Warning for the Bogachiel River near La Push affecting Clallam County in effect through that evening. The Warning was cancelled late that day.
- On November 28, the NWS issued a Flood Warning for the Nooksack River at North Cedarville affecting Whatcom County in effect from that morning

Washington State Emergency Operations Officer Monthly Report

through the afternoon of November 29. The Warning was cancelled early on November 29.

- On November 28, the NWS issued a Flood Warning for the Skykomish River near Gold Bar affecting Snohomish County in effect from early that morning through that afternoon. The Flood Warning expired as scheduled.
- On November 28, the NWS issued a Flood Warning for the South Fork Nooksack River at Saxon Bridge affecting Whatcom County in effect through the afternoon of November 29. The Warning was cancelled on November 28.
- On November 28, the NWS issued a Flood Warning for the Snoqualmie River near Snoqualmie Falls affecting King County in effect through that evening. The Warning was cancelled later that day.
- On November 28, the NWS issued a Flood Warning for the Skagit River Near Concrete affecting Skagit County in effect from this morning through late November 29. The Warning expired on November 29.
- On November 28, the NWS issued a Flood Warning for the Skagit River near Mt. Vernon in effect from that evening through the afternoon of November 30. On November 30, the Warning was extended to be in effect until that afternoon. The Flood Warning expired as scheduled.
- On November 28, the NWS issued a Flood Warning for the Nooksack River at Ferndale for Whatcom County from that afternoon to late morning on November 30. On November 30, the Warning was extended to be in effect until the afternoon of December 2.
- On November 28, the NWS issued a Flood Warning for the Nooksack River at Everson affecting Whatcom County in effect until 1000 on November 29. The Warning expired as scheduled.
- On November 28, the NWS extended the Flood Warning for the Nooksack River at North Cedarville affecting Whatcom County until early afternoon of November 29.
- On November 28, the NWS issued a Flood Warning for the Samish River at Burlington affecting Skagit County in effect until late that night. The Warning expired as scheduled.
- On November 28, the NWS issued a Flood Warning for the Stillaguamish River at Arlington affecting Snohomish County in effect from that evening through the morning of November 29. The Warning was later extended to be in effect until the afternoon of November 29. The Warning was cancelled early on November 29.
- On November 29, the SEOC elevated to Level 1 – Full Activation in response to ongoing and anticipated Atmospheric River Impacts. Later in the day, the SEOC activated ESF 1 (Transportation).
- On November 29, the NWS issued a Flood Watch for Clallam, Jefferson, Mason, Skagit, Snohomish, and Whatcom Counties in effect through December 2.
- On November 30, the NWS issued a Flood Warning for the Skagit River near Mount Vernon affecting Skagit County in effect from the morning of December 1 to early morning on December 3.

Washington State Emergency Operations Officer Monthly Report

- On November 30, the NWS issued a Flood Warning for the Skagit River near Concrete affecting Skagit County in effect from that evening to late morning on December 2.
 - **This incident remained open as of the end of November.**
- 21-4322
- On November 2, Lewis County initiated a search for a missing 70-year-old male in the Packwood area and requested GSAR and K-9 assets to assist. The request was coordinated with Pierce, Thurston & Cowlitz Counties. The mission was closed late that day when the subject was located deceased.
- 21-4338
- On November 4, Kittitas County initiated a search for a missing Deputy Fire Chief near Chinook Pass and requested Ground Searchers, K-9, Drone, ATV's, and "Mission Support" from Pierce and King Counties, which were coordinated as requested.
 - On November 4, Kittitas County requested Ground searchers, tracking/trailing/HRD dogs, 4x4's/ATV's, and a helicopter for November 5. The request was coordinated with Snohomish, King, Pierce, Kitsap, Thurston, Yakima, Chelan and Klickitat Counties as well as the Air Force Rescue Coordination Center (AFRCC).
 - On November 5, Kittitas County requested another helicopter from the Yakima Training Center to fly that day. The request was coordinated through the AFRCC.
 - On November 9, Kittitas County requested Ground Searchers, Mountain Rescue, 4x4s, and Human Remains Dogs (HRD) for November 10. The request was coordinated with all counties statewide.
 - On November 10, Kittitas County requested Ground Searchers, Mountain Rescue, 4x4's, HRD, and Drone for November 11. The request was coordinated with all counties statewide.
 - On November 11, Kittitas County requested Ground Searchers, Mountain Rescue, 4x4's, and HRD for November 12. The request was coordinated with all counties statewide.
 - On November 12, Kittitas County requested Ground Searchers, Mountain Rescue, 4x4's, and HRD for November 13. The request was coordinated with all counties statewide.
 - On November 16, the mission was closed when the subject was located deceased.
- 21-4347
- On November 3, Skamania County initiated a rescue of a biker with a medical issue and requested a helicopter with hoist to assist. The request was coordinated with the AFRCC. The mission was closed the next day when the subject was successfully transported to a nearby hospital.
- 21-4352
- On November 4, the Pacific Northwest Seismic Network (PNSN) reported a 3.0 magnitude earthquake, 9.4 miles deep, 10.4 miles SE of Eatonville in Pierce County.
- 21-4405
- On November 7, Cowlitz County initiated a search for a hunter near Sheep Canyon and requested Volcano Rescue staff from Clark County which was coordinated as requested. The mission was closed when contact with the hunter was established.

Washington State Emergency Operations Officer Monthly Report

- 21-4426
 - On November 9, the PNSN reported a 3.0 magnitude earthquake, 10 miles deep, 7.2 miles south of Sedro Woolley in Skagit County.
- 21-4437
 - On November 11, Thurston County initiated the rescue of a dog over the side of a cliff. They requested Washington State Animal Rescue Team (WASART) support, which was coordinated through King County. The mission was closed later that day when no dog was located.
- 21-4438
 - On November 10, Skagit County initiated a search and rescue for a missing female near Conway. They later requested Ground Searchers and K-9 teams to assist, which were coordinated with Snohomish and Whatcom Counties. The mission was terminated on November 11 without locating the subject.
- 21-4439
 - On 10 November, Skagit County initiated a Search of a submerged vehicle near a boat ramp in Burlington and requested a Dive Team to assist with the search. The request was coordinated with Whatcom County. The mission was closed later that day when the car was recovered with no persons or bodies located inside.
- 21-4485
 - On November 12, Skamania County initiated a rescue of a hiker with a medical issue near Bald Creek Falls and requested Silver Star Search and Rescue (SAR) members from Clark County to assist, which was coordinated as requested. The request was cancelled, and the mission closed when it was determined that medical staff were with the subject and in the process of assisting and extracting the subject.
- 21-4513
 - On November 13, King County initiated a search for a missing person on Mercer Island and requested cell phone forensics. The request was coordinated with the AFRCC. The mission was closed early the next morning when the subject was located in good condition.
- 21-4516
 - On November 14, Skamania County opened a search for an overdue hiker on Mount Saint Helens. Snow mobiles were requested from Clark County Silver Star SAR and were coordinated as requested. The mission was closed when it was determined the subject was hunkered down for the night in a snow shelter and was aided by Silver Star SAR for extraction the next morning.
- 21-4529
 - On November 14, San Juan Island requested a helicopter to assist with transport of a cardiac patient from her home to a hospital and the request was coordinated with the AFRCC. The mission was closed early the next day after the patient was transported to Harborview.
- 21-4534
 - On November 15, Clallam County requested assisted from the Department of Natural Resources (DNR) in clearing a landslide blocking access to tribal land along Highway 110 near La Push. DNR was advised of the request.
- 21-4552
 - On Nov 15, Grays Harbor initiated a search for a missing 30-year-old female mushroom picker near Hoquiam and requested search dogs and ground searchers. The request was coordinated with Pierce, Kitsap, King, Lewis and Thurston Counties.
 - On November 16, Grays Harbor County DEM requested Air Scent Dogs, Ground Searchers, and Aircraft with FLIR, which was coordinated Pierce, Thurston, Lewis, King, Kitsap, Jefferson, and Snohomish Counties.

Washington State Emergency Operations Officer Monthly Report

21-4653

- On November 16, Grays Harbor County requested ground searchers, Air Scent tracking dogs, and human remains dogs to assist, which were coordinated with Pierce, Thurston, King, Kitsap, Lewis, and Jefferson counties.
- On November 17, the mission was closed when the subject was located alive.
- On November 23, Kittitas County initiated a search for a 30-year-old male and requested a man tracker from Snohomish County to assist. The resource was coordinated as requested.
- On November 24, Kittitas County requested ground searchers and Human Remains K-9's which were coordinated with Yakima, Snohomish, King, Pierce, and Chelan counties. Later, they requested State SAR Planning Unit assistance, which was coordinated with King County.
- On November 26, Kittitas County requested Mountain Rescue, Dog Teams, Ground Searchers, and 4x4 vehicles to assist on November 28. The request was coordinated with Pierce, King, Snohomish, Kitsap, Chelan, Yakima, and Thurston Counties.
- On November 28, the mission was closed when the subject was located deceased.

SEOO Activity for the current month

378	Warnings issued to jurisdictions for imminent or occurring emergencies.
467	Warnings issued to tribal nations for imminent or occurring emergencies.
1753	Notifications conducted to state and local agencies for imminent or occurring emergencies.
57	Resources coordinated for search, rescue, recovery and response operations.

Participated in 17 drills/exercises of which 14 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	60	0	0	0%
NAWAS - STATE	Twice daily	60	1830	1149	63%
STAEN	At least twice per month	2	26	6	23%
CEMNET	At least 3 per week	13	292	181	62%

Washington State Emergency Operations Officer Monthly Report

<i>Test Conducted (see below for descriptions of each test</i>	<i>Frequency of test</i>	<i>Number of tests completed this month</i>	<i>Test Conducted (see below for descriptions of each test</i>	<i>Frequency of test</i>	<i>Number of tests completed this month</i>
Dedicated phone line test for DOE	At least 1 per week	5	AHAB Siren test	At least 1 per month	1
Dedicated phone line test for CGS	At least 1 per week	7			
AHAB Daily Function status	1 per day	30			
			King County 800 MHz Radio System tests	At least 1 per week	Not conducted due to month-long Atmospheric River incident

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.