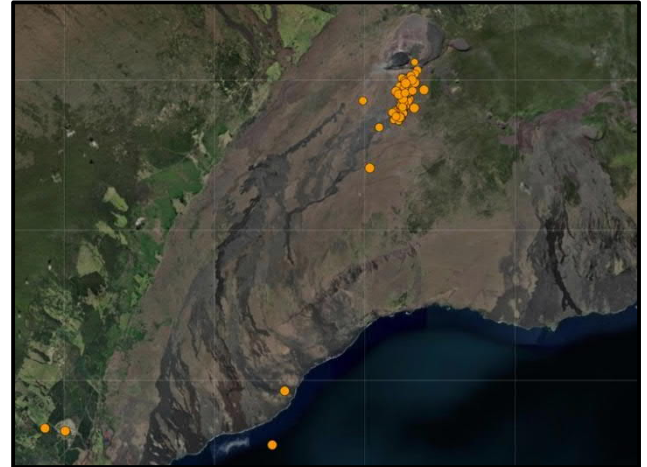


January 29, 2024

## Earthquake & Volcanic Activity

### Hawaii

- Hawaii's Kilauea Volcano appears to be waking up from its slumber as earthquake activity picked up over the weekend.
- "An eruption could occur in the future with little warning," the U.S. Geological Survey noted in the volcano update.
- The alert level is still 'Yellow,' which means the volcano is exhibiting signs of unrest above known background activity. Over the past two days, the area experienced 132 quakes.
- "Kilauea summit remains pressurized; in recent months unrest has escalated quickly," stated the USGS. "Kilauea's summit region remains at a high level of inflation."
- The high level of inflation is due to the re-pressurization of the summit magma reservoir. That has been ongoing since the volcano's last eruption in Sep. 2023. As magma flows into the reservoir emptied by the eruption, pressure increases, and the ground is pushed up and deformed.
- Even though the volcano is not erupting, volcanic gas is escaping. Earthquakes could also touch off rockfalls. Authorities have closed off part of Volcano National Park to the public out of caution.



Each orange dot represents the epicenter of an earthquake to strike around Kilauea in the last 24 hours. Of note is the swarm of earthquakes happening south of the volcano's caldera, which appears as a dark crater on this view. Image: USGS

## Atmospheric River

### West Coast

- A storm system fed by an atmospheric river of moisture will arrive along the West Coast by mid-week, packing soaking rainfall that could trigger flooding, landslides and rockslides in California.
- On Wednesday, parts of Northern California and will have the greatest chance for localized flooding. Heavy snow in the Sierra Nevada will intensify by Wednesday night, including at pass level.
- On Thursday, that system will spread heavier rain and mountain snow toward Southern California, while parts of Northern California and the Northwest also stay wet. Localized flooding, landslides and rockslides are possible in Southern California, particularly in areas that were soaked last week.
- The highest rainfall totals are expected in Northern California, where some areas might see 3 inches or more rainfall this week.
- In Southern California, totals will be 1 to 3 inches in most areas, with much of that falling Thursday and Thursday night.

# DAILY DART

WSP USA INSPECTION SERVICES DISASTER AWARENESS REPORT

January 29, 2024

## Joint Preliminary Damage Assessments

| State | Event                              | Number of Counties for IA |           | Start-End |
|-------|------------------------------------|---------------------------|-----------|-----------|
|       |                                    | Requested                 | Completed |           |
| SC    | Severe Storms & Tornadoes<br>Jan 9 | 1                         | 1         | 1/24-1/26 |

## Pending Individual Assistance Declaration Request

| State | Event  | Date Submitted | Approved/Denied/<br>Pending | Number of Counties |
|-------|--|----------------|-----------------------------|--------------------|
| MI*   | Severe Storms, Tornadoes & Flooding<br>Aug 24-26 | 10/18/2023     | Pending                     | 9 Counties         |

\*Award of task order to contractor pending

## WSP USA Inspection Services Active Disasters

| Disaster Number and State | Disaster Type | Number of Counties Declared | Days Since Launch | Registration Deadline |
|---------------------------|---------------|-----------------------------|-------------------|-----------------------|
| 4749 IL                   | Flooding      | 1 County                    | 66                | 2/9/2024              |

## WSP USA INSPECTION SERVICES ACTIVITY

