Link between cmessolar flares and earthquakes

Russian scientists warn of powerful solar flare activity
Recent reports indicate a heightened level of solar activity, including a threefold increase in solar flares compared to July averages, observed by Russian scientists. This increase in solar activity has coincided with a series of earthquakes off the coast of Russia, including a 7.4 magnitude quake that triggered tsunami warnings for the Kamchatka Peninsula and Hawaii. While the correlation between solar flares and earthquakes is a topic of ongoing research, some scientists suggest a possible link, particularly with strong solar flares and geomagnetic storms impacting Earth's magnetic field and potentially triggering seismic activity.
Here's a more detailed breakdown:
Increased Solar Activity:
Tripled Flare Activity:
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Russian scientists reported a significant increase in solar flare activity, with 17 flares observed in less than two days, approximately three times the average for July.
Active Regions:
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The increase in activity is global in nature, with active regions on the sun's far side being monitored.
M-Class Flares:
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Two moderate-intensity M-class flares were recorded, and the possibility of X-class flares, the most powerful, was also noted.
Earthquakes and Tsunami Warnings:
Russian Earthquakes:
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A series of earthquakes, including a 7.4 magnitude event, struck off the coast of Russia's Kamchatka Peninsula.

Tsunami Warnings:

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These earthquakes triggered tsunami warnings for the Kamchatka Peninsula and Hawaii, with potential waves reaching up to one meter above the tide level.

Possible Correlation:

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Some research suggests a link between solar flares and earthquakes, with strong solar flares potentially triggering geomagnetic storms that could influence seismic activity.

Possible Connection:

Geomagnetic Storms:

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Strong solar flares can launch coronal mass ejections (CMEs), which can cause geomagnetic storms on Earth.

Telluric Currents:

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Some scientists propose that solar flares could induce telluric currents (electrical currents in the Earth's crust), potentially acting as a trigger for earthquakes.

Research Ongoing:

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While the connection is not fully understood, research continues to explore the potential link between solar activity and seismic events.