

Temperature Increase

- Climate change is causing:
 - Hotter and drier summers
 - More intense and frequent heat events
- Urban areas more prone to heat



Without climate change, record Pacific Northwest heat wave would have been near impossible, researchers say

July 7, 2021 at 3:00 pm | Updated July 7, 2021 at 5:28 pm



A person uses an umbrella for shade while walking near Pike Place Market on June 29. (Ted S. Warren / AP)





Impacts on People

- Increased illness and death from heat stroke and cardiovascular disease
- Damage to roads, infrastructure
- Power outages
- Quality of life



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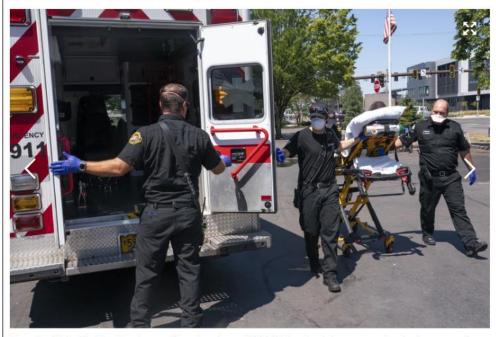
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Hundreds believed dead in heat wave despite efforts to help

July 1, 2021 at 3:55 pm | Updated July 5, 2021 at 12:29 am



1 of 13 | Salem Fire Department paramedics and employees of Falck Northwest ambulances respond to a heat exposure call during a heat wave,... (AP Photo/Nathan Howard) More ✓

By Andrew Selsky

The Associated Press



Impacts on Environment

- Increased drought
- Sun scorched vegetation
- Water use
- Wildlife



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Record heat, drought threaten even the toughest survivors: L25, the oldest orca, and the winter Chinook she depends on

July 7, 2021 at 6:00 am



1 of 4 | L25 is the oldest of all the southern resident orca whales, estimated to have been born in 1928, before any of the vast environmental change now confronting her family. (Mark Malleson / Center for Whale Research)

By Lynda V. Mapes y

Seattle Times environment reporter

- People most at risk:
 - Communities of color
 - Older adults
 - Very young kids
 - Pregnant women
 - People who work outdoors
 - Unhoused
 - Chronic medical conditions





Communities of color are the 'first and worst' hurt by climate change; urgent action needed to change course

July 5, 2021 at 6:00 am | Updated July 5, 2021 at 4:31 pm



Hot air rises from the concrete in Seattle's Sodo neighborhood last week. Areas like Sodo, with fewer trees and more pavement, boil hotter during heat waves like the... (Amanda Snyder / The Seattle Times) $More \lor$



By Naomi Ishisaka y

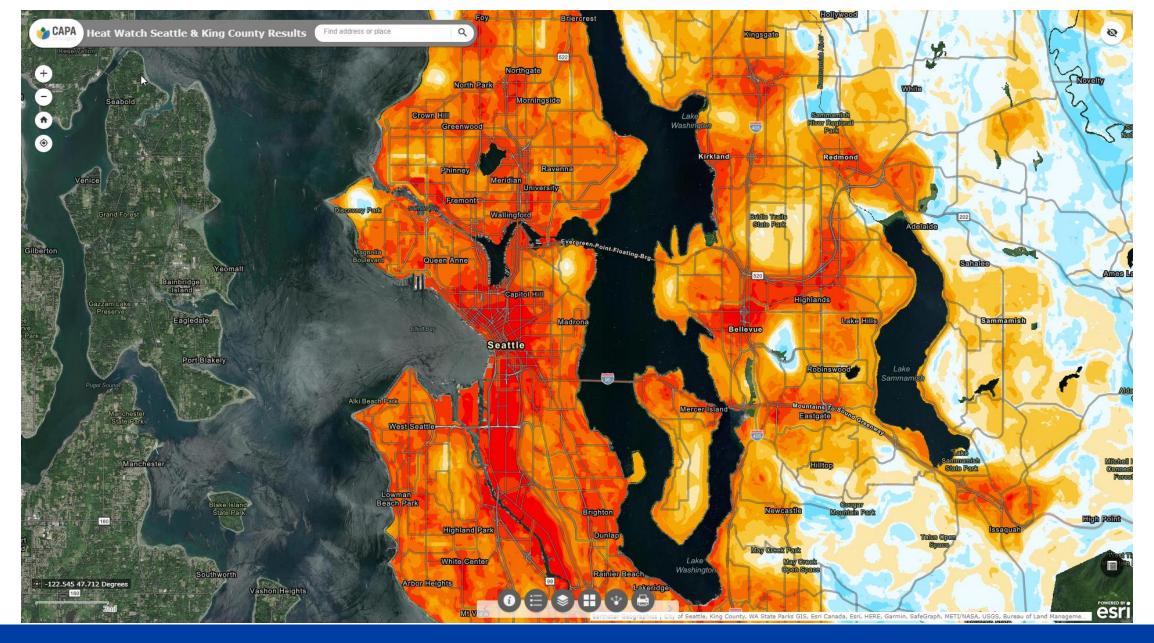
Seattle Times columnist

Last week's heat wave was a miserable, deadly, wake-up call.



Mapping Urban Temperatures







Next Steps

- FEMA hazard mitigation grant
- Trees for Neighborhoods focused outreach
- King County 3 Million Trees initiative



Questions?

