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The smell of smoke reaches you not long before the first ember appears. The sky around you darkens, not from nightfall, but from something far more urgent. Wildfires, once a distant threat, are beginning to burn through neighborhoods that

never expected to be in their path. What was once a seasonal risk has become a yer round reality, with recent blazes in California proving just how quickly everything can change.

Preparation is no longer just for those in high-risk zones, but something all homeowners should start to consider when thinking about their home and family protection plans in the event of a natural disaster. In *Reducing Wildfire Risks and Protecting Communities with Tempest*, we explore how real-time weather intelligence is helping homeowners, firefighters, and emergency responders stay ahead of the flames. Because when every second counts, knowledge isn't just power, it's protection.

Read the Full Article Here

While wildfires continue to be a growing threat, we recognize the profound impact they have already had on communities across the country. Our goal in sharing this information is to help more people stay prepared and protected in the face of future risks. Our thoughts are with all of the individuals, families, and communities working to rebuild in the wake of these fires.

OTHER WEATHER NEWS



WILDFIRES IN WINTER? A NEW REALITY FOR CALIFORNIA

Out of season wildfires that have recently blazed through many parts of California may become the costliest wildfire disaster in U.S. history, a harsh reminder of how fire seasons are changing. Scientists are working to understand how shifting weather patterns, prolonged drought, and rising temperatures are making fires more frequent and unpredictable—even in the winter months. Warmer, drier conditions are creating environments where wildfires can ignite and spread year-round. As researchers analyze these trends, their findings will shape how we prepare for and respond to future fire risks.

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TEMPERATURES ARE RISING, SO ARE RAT POPULATIONS

Rising urban temperatures are reshaping ecosystems, and rats are among the biggest beneficiaries. As cities get hotter, these resilient rodents are growing larger, breeding faster, and adapting in ways that could have serious implications for public health and infrastructure. Scientists are exploring how climate change is fueling these shifts and what it means for the future of urban pest control.

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SEVERE WEATHER AND POWER OUTAGES

Stronger storms, more extreme heat waves, and intensifying weather patterns are putting stress on the power grid like never seen before. As severe weather events become more frequent, outages are lasting longer and affecting more people. Researchers are working to understand these risks and identify solutions, from upgrading infrastructure to developing smarter grid technologies.

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WHAT'S IN STORE FOR SPRING 2025?

As winter fades, all eyes turn to the upcoming spring forecast. Will it bring an early warm-up, lingering cold, or an active storm season? Meteorologists are analyzing long-range patterns to predict what's ahead, from temperature swings to potential severe weather. Get a glimpse of what to expect in the months ahead and how to prepare for the changing season.

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