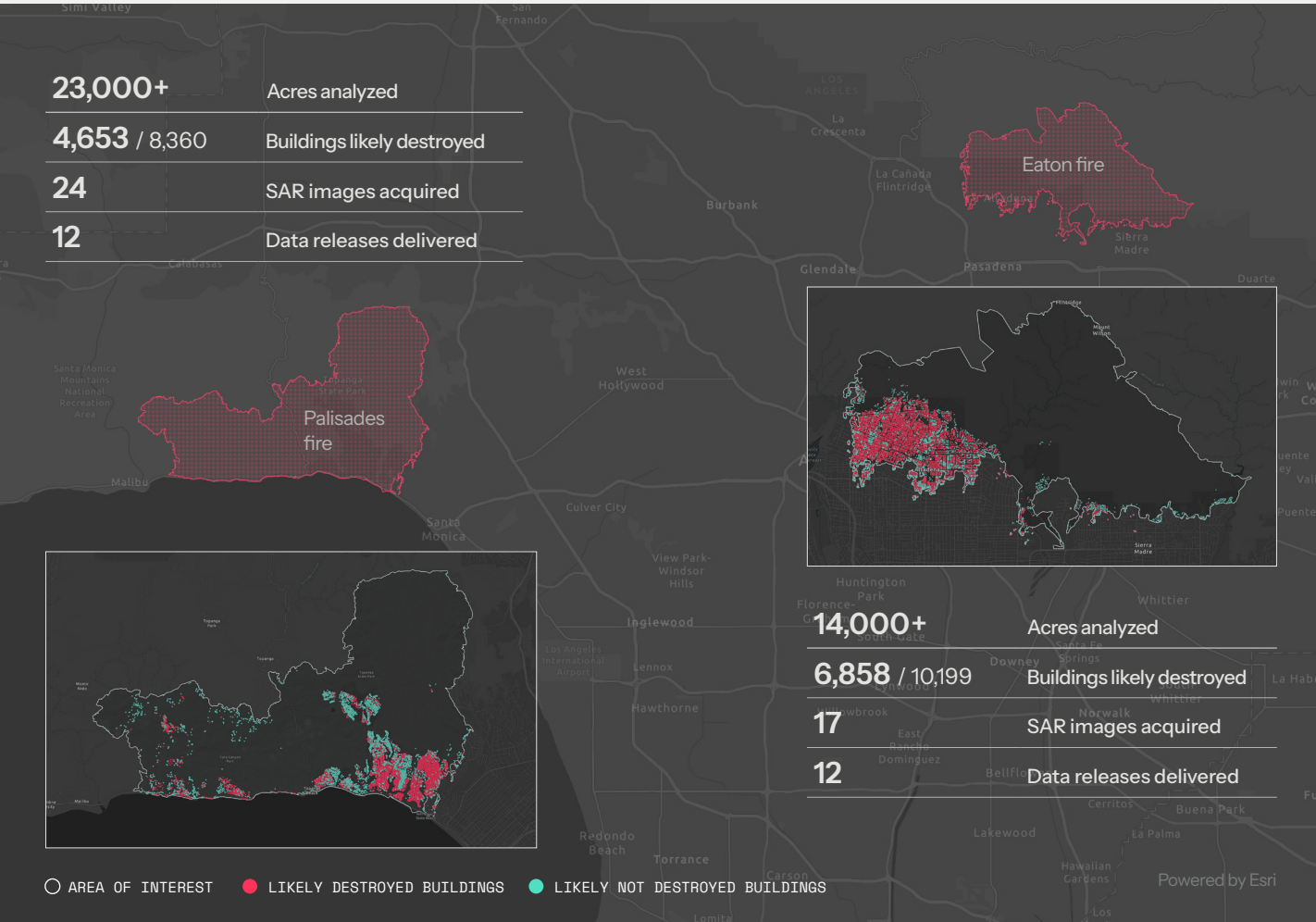


Wildfire intelligence when it matters most

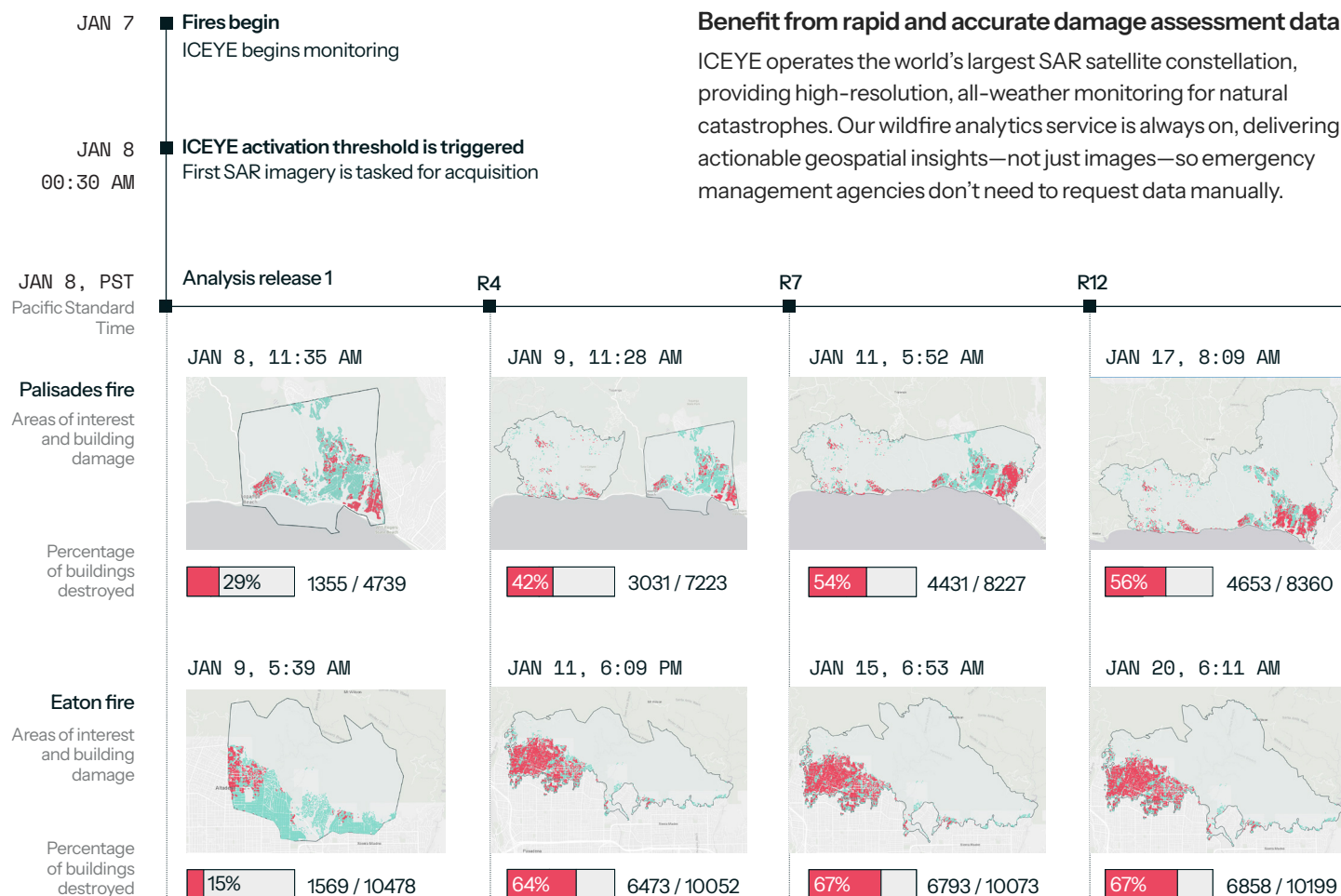
Seeing through the smoke in Los Angeles, California

When the recent LA Wildfires erupted, **ICEYE delivered its first wildfire insights within 24 hours of smoke being detected**. Covering over 37,000 acres across the Palisades and Eaton areas, ICEYE provided emergency responders with building-level damage assessments when it mattered most.

Unlike traditional methods that rely on ground surveys or aerial assessments—both severely impacted by high winds—ICEYE’s SAR satellites saw through smoke, clouds, and darkness, delivering uninterrupted insights when airborne assets were grounded. This real-time visibility gave responders the clarity they needed to act quickly.



Event overview & deliverables timeline



Benefit from rapid and accurate damage assessment data

ICEYE operates the world's largest SAR satellite constellation, providing high-resolution, all-weather monitoring for natural catastrophes. Our wildfire analytics service is always on, delivering actionable geospatial insights—not just images—so emergency management agencies don't need to request data manually.

General performance

Based on ground truth data from CalFire's field assessment, ICEYE calculated quality metrics for our final building damage assessment output of the Eaton Fire.

Balanced accuracy: **0.97**

This is the average of the recall and precision.

Precision: **0.99**

99% of buildings identified as destroyed were indeed destroyed.

Recall: **0.95**

95% of destroyed and undamaged buildings were correctly identified.

Smarter disaster response with ICEYE

- **See through smoke, clouds, and darkness** – while other assets are grounded.
- **Faster, more efficient assessments** – allows you to prioritize on-ground efforts with actionable insights.
- **Always-on monitoring** – so agencies and insurers get insights without delay.
- When every second counts, ICEYE provides the intelligence you need to **respond faster, allocate resources efficiently, and support communities in crisis.**

Trusted by FEMA, state, and local agencies

During the LA Wildfires, ICEYE's insights were actively used by FEMA and multiple state and local agencies to assess damage, prioritize response efforts, and support recovery operations.

For more information, visit
iceye.com/solutions

