

DTN Weather Hub Wildfire Intelligence

Turnkey wildfire intelligence for utility emergency managers

THE CHALLENGE

As wildfire seasons become longer and more unpredictable, emergency preparedness managers must make faster decisions with greater confidence. Yet critical information is often spread across multiple weather systems, fire maps, internal models, and manual monitoring processes.

THE RESULT

Without a unified operational view, utilities face challenges in:

- Detecting wildfire threats near critical infrastructure early
- Executing wildfire mitigation plans (WMPs) and public safety power shutoff (PSPS) strategies
- Prioritizing crews and protecting high-risk assets
- Coordinating emergency response across operations, meteorology, and field teams
- Confidently making operational decisions during rapidly evolving events

WHAT YOU CAN DO

Use Wildfire Intelligence to:

- 1 Strengthen situational awareness**
See active fire perimeters, 9-1-1-reported fires, fire weather conditions, and soil moisture across your service territory in one operational view — what's burning, where it's headed, and which assets may be at risk.
- 2 Operationalize your wildfire mitigation plan**
Turn planning into action with configurable alerts for circuits, transmission lines, operating zones, PSPS thresholds, soil moisture, and probabilistic wildfire risk levels aligned to your operating procedures.
- 3 Make faster, more confident decisions**
Leverage decision-grade weather intelligence, advanced forecasting, and asset-based alerts to prioritize field resources, coordinate emergency response, and protect critical infrastructure before conditions become critical.

HELPS YOU...	BY ENABLING...
Reduce wildfire infrastructure risk	Identifying active fires and hazardous fire-weather conditions before they threaten utility assets
Strengthen WMP & PSPS execution	Monitoring thresholds and automating notifications that support wildfire mitigation strategies
Increase decision confidence	Combining observations, probabilistic forecasts, expert guidance, and advanced modeling within one operational platform
Improve crew prioritization	Focusing personnel and resources where wildfire risk is greatest across circuits, lines, and service territories
Accelerate emergency response	Delivering real-time wildfire intelligence and asset-based alerts that speed operational decisions

WHY WILDFIRE INTELLIGENCE

Turnkey wildfire decision intelligence — from awareness to action. Most wildfire solutions provide pieces of the puzzle. DTN brings everything together, delivering one operational workflow designed specifically for utility decision-making instead of forcing emergency managers to assemble fire maps, forecasts, risk thresholds, and internal models from multiple sources.

With DTN Weather Hub, utilities gain:

- Real-time active fire perimeter mapping
- Soil moisture monitoring & threshold alerts
- Expert weather guidance
- 9-1-1-reported fire monitoring
- Asset-based geo-alerts for circuits, lines & zones
- High-resolution weather modeling
- Hot dry windy index forecasts
- Probabilistic wildfire risk forecasting
- Utility APIs and historical fire weather data

The results: earlier awareness, faster decisions, more coordinated emergency response, and better protection for utility infrastructure.

GET STARTED

See Wildfire Intelligence in action

Discover how utility emergency preparedness teams can improve wildfire situational awareness, strengthen operational readiness, and accelerate emergency response with decision-grade wildfire intelligence.

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