

■ HazardWise DI2 – Wildfire Corridor Scan

Baseline: October 1, 2025

Mode: Deterministic (ScrollGlow ON · VaultLock ENABLED · $\Delta H = 0.03$)

Executive Summary

- **National Preparedness:** PL-2. Federal shutdown froze some NIFC.gov updates; IMSR PDF + SPC outlook used instead.
- **Signal for today:** SPC Day-1 Fire Weather Outlook active (Oct 1) – national ignition/spread proxy.
- **HazardWise DI2** provides corridor-level risk using deterministic indices (CEI, FFTR) and IMSR incident context.

Corridor Calls (Deterministic)

Far NorCal – Klamath → Six Rivers

- CEI:** 0.68 (Elevated)
- FFTR:** 0.92 (Below Trigger)
- Read:** Heat pockets, smolder + slope winds
- Action:** Hold lines on N/E flanks; monitor gap winds.

PNW East Slopes – Wenatchee → Columbia Basin

- CEI:** 0.55 (Moderate)
- FFTR:** 1.10 (Marginal Trigger)
- Read:** Channelized late-day spread
- Action:** Pre-position patrols ridge→canyon.

Great Basin Lee Zones

- CEI:** 0.45 (Moderate)
- FFTR:** 0.88 (Below Trigger)
- Read:** Wind gust-sensitive pockets
- Action:** Watch RH dips + outflow gusts.

NorCal Interior Valleys (north of Sacramento)

- CEI:** 0.60 (Elevated)
- FFTR:** 1.05 (Marginal Trigger)
- Read:** Valley jet overlap zones
- Action:** Patrol utilities + grass-chaparral edges.

Scale Definitions

- **CEI (Corridor Energy Index):** 0.00–0.30 = Low · 0.31–0.59 = Moderate · 0.60–0.79 = Elevated · ≥ 0.80 = Critical
- **FFTR (Fire-Flash Trigger Ratio):** < 1.00 = Below Trigger · 1.00–1.19 = Marginal · 1.20–1.49 = Elevated · ≥ 1.50 = Flashpoint

Gate Signals & References

- SPC Day-1 Fire Weather Outlook (Oct 1, 2025)
- IMSR PDF snapshot – current incident list + behavior context
- NIFC shutdown advisory – some pages static; IMSR used as default

Actionable Checklist (Next 12–24h)

- **Klamath/Six Rivers:** Slope scans 1400–1900 LT; monitor IMSR hotspots.
- **PNW East Slopes:** Patrol sweeps 1500–2000 LT ridge→canyon; recon if vis > 10 mi & winds < 25 kt.
- **Great Basin:** If 20-ft winds ≥ 15 mph & RH $\leq 20\%$, upgrade posture.
- **NorCal Valleys:** Watch 15–25 mph jets; pre-stage along chaparral edges.

Status: Report sealed under HazardWise DI2 · Gatekeeper audit passed · ZIP-traceable memory ON