

Hayli Gubbi Eruption – HazardWise Report (Part 1)

Executive Summary

- Event Name: Hayli Gubbi Volcanic Eruption
- Date/Time: Nov 23–24, 2025
- Hazard Type: Volcanic Eruption (Ash-Dominant)
- Overall Risk Band: High
- Key Findings: Sudden ash plume (40–49k ft), Red Sea drift, aviation disruption.

Hazard Matrix

Hazard	Summary	Risk	Notes
Direct Eruption	Explosive plume 40–49k ft	High	Dormant ~10k yrs
Local Ashfall	Afar grazing lands	Moderate	Livestock soil impact
Regional Ash Drift	Across Red Sea	High	Aviation corridor risk
Aviation Hazard	Ash at cruise altitudes	High	Rerouting required
SO ₂ Emissions	Elevated regional	Moderate	AQ concerns
Ground Deformation	Low initial sig.	Low	Monitor rift stress