



# **Freedom Online Coalition**

## **Nov 2023**

### **Gaza Connectivity: Internet Outages and Shutdowns**

# What is IODA?



**Internet Outage Detection and Analysis (IODA)** is an open-source project at Georgia Tech that provides measurements of the connectivity of Internet infrastructure at the country, subnational and Internet operator level that is available via a public, online dashboard (<https://ioda.live>).

IODA should be used for instances involving complete Internet connectivity outages such as the shutdowns.

# Gaza Internet connectivity down to ~10% with 5 Internet blackouts, 4 of which are Israel-directed Internet shutdowns

## Internet Connectivity for Gaza Strip

October 2, 2023 5:42pm - December 11, 2023 5:42pm UTC



**A:** Oct 7 - Oct 26: Sharp decline in connectivity starting on Oct 7th until Oct 13, followed by a steady decline until Oct 16. ~75 percent of networks in Gaza stop responding to IODA's Active Probing.

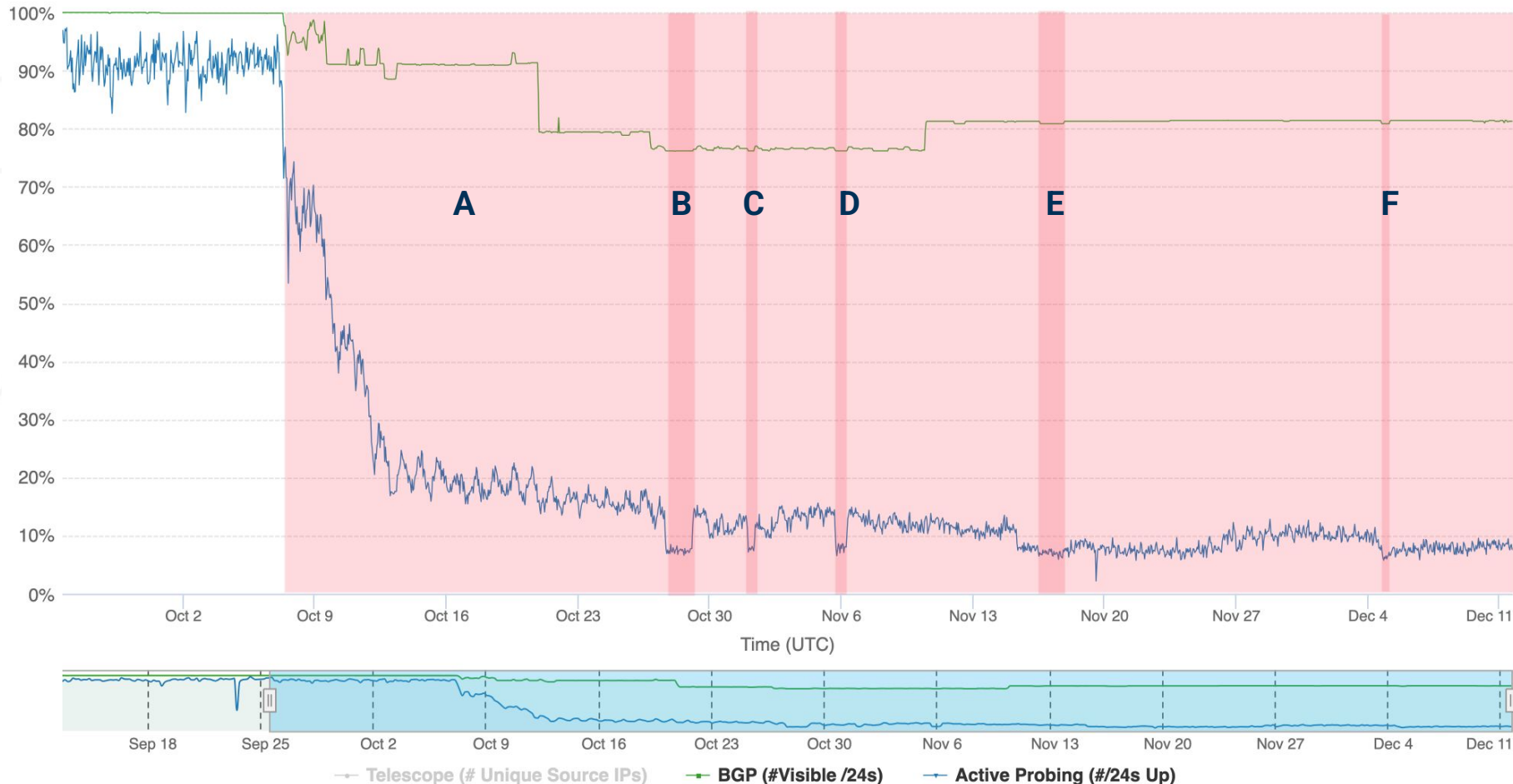
**B:** Oct 27 - 29: Israel-directed Internet Shutdown on Paltel in Gaza lasts ~36 hours

**C:** Nov 1: Israel-directed Internet Shutdown on Paltel in Gaza lasts ~ 8 hours

**D:** Nov 5 - Nov 6: Israel-directed Internet Shutdown on Paltel in Gaza lasts ~15 hours

**E:** Nov 16 - Nov 19: Internet Shutdown in Gaza due to fuel depletion ~30 hours

**F:** Dec 4 - Dec 5: Israel-directed Internet Shutdown on Paltel in Gaza lasts ~ 11 hours



# Connect with Us



Public, online dashboard: <https://ioda.live>

Email: [a.meng@gatech.edu](mailto:a.meng@gatech.edu) or [ioda-info@cc.gatech.edu](mailto:ioda-info@cc.gatech.edu)

Mastodon: @IODA

Twitter: @ioda\_live

Bluesky: ioda.live