



Heaven's Above Hawai'i

Weekly Sky & AMSAT Report — December 8, 2025

Supporting PDF for KH6DAD Net Announcement



Introduction

Heaven's Above Hawai'i — Weekly Sky Update
Prepared for radio net report by KH6DAD.



Astronomy Highlights

Geminid Meteor Shower

- **Peak: Saturday night → early Sunday morning**
- Best viewing: After 10 PM, looking east
- Notes: One of the year's strongest showers; bright, slow meteors common.

Moon Phase

- Waning moon through the week.
- Increasingly dark skies toward the weekend → ideal meteor-viewing conditions.

Planetary Viewing

- Jupiter: Brilliant, high in the east shortly after sunset.
- Saturn: Lower in the southwest; a great binocular target.



Space Weather Summary

- Solar activity elevated this week.
- Impacts:
 - **Potentially enhanced HF propagation.**
 - Occasional fades, noise, or instability possible when geomagnetic conditions spike.
- Expect variable conditions and rapid changes.
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International Space Station Passes (Honolulu)

Tuesday, December 9 — Morning Radio Pass

- Start: 6:56 AM (SSW at 10°)
- Peak: 87° overhead at ~7:00 AM
- End: 7:03 AM, ENE
- Visual difficulty due to sunrise, but excellent for FM repeater contacts.

Wednesday, December 10 — Afternoon Radio Pass

- Start: 3:59 PM (NW)
- Peak: 88.4° at 4:02 PM
- End: 4:07 PM, SE
- Outstanding elevation for attempted voice contacts.

Saturday, December 13 — Early Morning Visible Pass

Start: 5:25 AM

- Brightness: -3.1 magnitude (very bright)
- Visibility: ~3 minutes before ISS enters Earth's shadow at ~45° elevation.

- Radio operators: Pass continues into another near-zenith 88° radio opportunity.
- Weather note: Rain forecast; conditions may vary.



Closing

"Keep looking up!"

Prepared for on-air delivery by KH6DAD.

Document Notes

This PDF is designed to accompany the on-air report, providing:

- Reference times for listeners
- Visual layout for print or digital distribution
- Structured astronomy, space weather, and ISS data for net participants

Prepared December 2025.