

Hawkeye Cubesat Data Quality

January 20, 2026 · 9:46 AM · ID: 213004237

Chat

Merrie Neely sent a chat · 9:48 AM

We will begin the webinar at the top of the hour.

Merrie Neely sent a chat · 9:49 AM

We are recording today's webinar and it will be posted on our YouTube Channel and linked on our website later today. You can access it here: <https://www.geoaquawatch.org/geo-aquawatch-webinar-series/>

Merrie Neely sent a chat · 10:05 AM

users have the ability to adjust the size of the slides on your screen by hovering your mouse over the slide and using the +/- toggle button to increase or decrease the size

Merrie Neely sent a chat · 10:06 AM

You may drop your questions into the chat for moderation, or at the conclusion of the talk you may unmute and share your question out loud during the Q&A portion of the talk.

Merrie Neely sent a chat · 10:15 AM

Data from this mission is still accessible and how to access will be shared here shortly

Merrie Neely sent a chat · 10:21 AM

<https://search.earthdata.nasa.gov/>

Merrie Neely sent a chat · 10:37 AM

the time period for available coastal and large lake inland water bodies is 2018-2024

Merrie Neely sent a chat · 10:38 AM

it is 120m resolution but there is limited spatial coverage for images, and limited revisit times - this is the tradeoff for the higher resolution imagery

Merrie Neely sent a chat · 10:44 AM

I will defer to others in the audience to ask questions first, but a few I have are: Have you done the quality analysis on any or all of the freshwater scenes? If so are the results similar? 2) are the scenes processed with Acolite correction available in the NASA repository? Or only the uncorrected data? 3) in coastal regions, at the 120m resolution what is the distance of the coastal mask from the coast? Does it capture any features like seagrass and oyster beds?

Merrie Neely sent a chat · 10:46 AM

We will get to questions shortly - a reminder to drop yours into the chat or raise your hand/unmute at the conclusion to ask your question

Prof. Dr. Abdul Ghaffar sent a chat · 10:47 AM

Thank you Can we use Hawkeye to measure other water quality parameters

Sara Rivero-Calle sent a chat · 10:48 AM

Treat it like seawifs

Prof. Dr. Abdul Ghaffar sent a chat · 10:48 AM

Great many thanks ! Would you suggest few other options !

Merrie Neely sent a chat · 10:52 AM

We want to advertise our upcoming Early Career Society Water Talks Seminar - 3 great in-depth talks by Early Career Aquatic Remote sensing Scientists occurring on March 19th at 12:00 UTC - you can find out more on our website: <https://www.geoaquawatch.org/future-geo-aquawatch-webinars/>

Merrie Neely sent a chat · 10:53 AM

We hope you will join us! you can sign up for newsletter reminders on our website

Sara Rivero-Calle sent a chat · 10:56 AM

you can download level 1 data and process it with whichever atmos correction you want

Sara Rivero-Calle sent a chat · 10:56 AM

hawkeye does not saturate over land, you can access that data

Prof. Dr. Abdul Ghaffar sent a chat · 10:59 AM

Thank you very much Srinivas thank you Merrie for great hosting 🌸