

SNT Satellite Update
InSAR Subsidence
November 21, 2023

Lonquist comment:

Below are the latest communications from TREA regarding the SNT missed image on 11/9 and what is known about the current acquisition schedule. The 11/21 image was successfully acquired and that dataset was received today so it seems that TREA was able to work through some anticipated issues noted in their November 21st email.

November 20:

“We are following up to inform you that we have completed our internal investigation. Unfortunately, the SNT image for November 9th was not included in the European Space Agency's Sentinel-1A acquisition plan, while the image scheduled for tomorrow, November 21st, is planned.

However, further analysis reveals that the following image on December 3rd is again missing from ESA's acquisition plan. The schedule of the last few weeks leads us to think that imagery over this site may be on a 24-day revisit plan going forward.

Note that we have reached out to our data procurement team again to emphasize the critical nature of the acquisitions over this area to ESA. We will let you know as soon as we have any further updates. These occurrences are rare but do occur from time to time with SNT imagery, which, as you know, we cannot task commercially.”

November 21:

“We would just like to provide an update on a new issue that is currently affecting the SNT data. Unfortunately, ESA has just modified, without notice, the procedure for obtaining the orbital data (necessary for the data processing) for SNT acquisitions. We are working very hard to circumvent this, including by placing the Sulphur mine processing at the top of our internal priority queue, but there may be a delay in the data delivery. As things currently stand we anticipate a delay of at least 2 days, but we will have a better understanding tomorrow morning and will provide a further update.

Additionally, we were able to reach out to ESA regarding the Sentinel imagery going forward and they have said they will try to incorporate the December 3rd image into the acquisition plan.”

