Westlake US 2 Received 10/10/2023

TSX/PAZ Satellite Update InSAR Subsidence October 4, 2023

Lonquist comment:

Both the SNT satellite (12-day revisit) and the TSX satellite from the TSX/PAZ constellation (4 & 7-day revisit) passed by Sulphur on Wednesday October 4. We received the datasets on Friday and noted that the newest datapoint in both updates are continuing in the direction of the recent trends across all AOI regions. For the TSX/PAZ data, the recent trends are currently being plotted on the data span of 3/24/2023 to present. The "historical" data trends continue to be calculated from a data span of 1/24/2023 - 8/3/2023, before trend departure was observed.

As with the prior TSX/PAZ update, we have appended a review of the distant "Additional" locations of interest to that report, where we are still seeing similar or greater acceleration increases.

A meeting was held with TRE on Friday where we were able to preview the results of their "reprocessing" or "re-baselining" effort for the TSX/PAZ data. We were told that this is a typical step and may be performed every 6 months to 1 year, particularly for a dataset with a relatively short history compared to the SNT data. In this process the data point grid is recreated to include only radar targets that have maintained decent quality. The quality of the reference point, from which the relative measurements are made, is also confirmed.

In this preview meeting we learned that the amount of the trend departures observed in the AOIs and Additional AOIs will likely be diminished. They estimate that this new baseline model will be available for use in the TSX/PAZ dataset that will be received early next week, and may not be available for the PAZ image that was captured on October 8 (dataset still to be received).



TSX/PAZ Satellite Update

Continuous InSAR Monitoring of Ground Displacement Near Western Caverns and Dome Flank

Sulphur Mines Salt Dome

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Dataset

Satellite Source

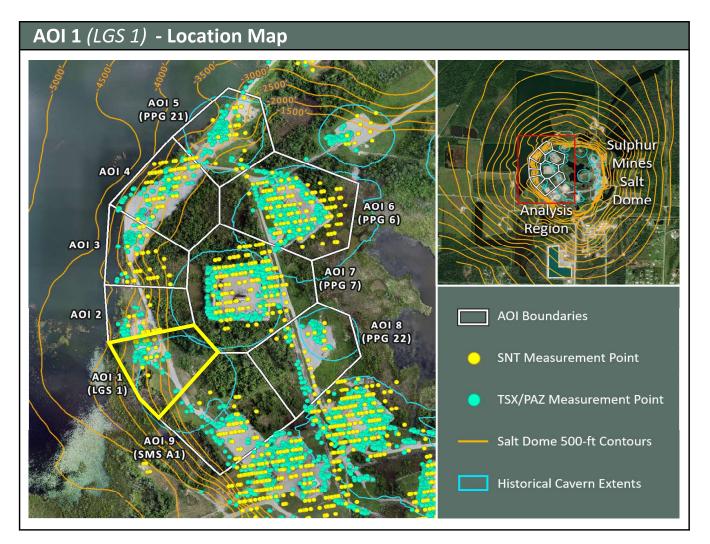
TerraSAR-X - PAZ Constellation

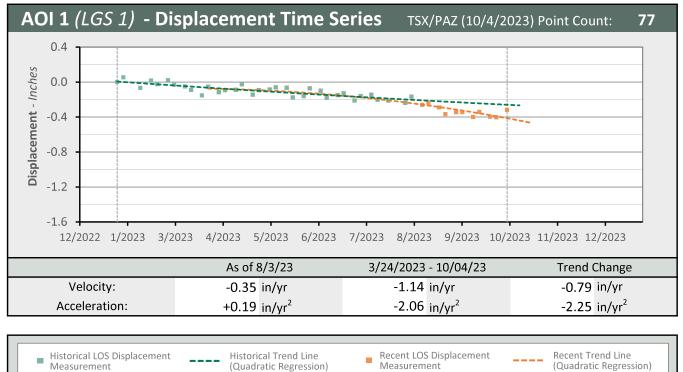
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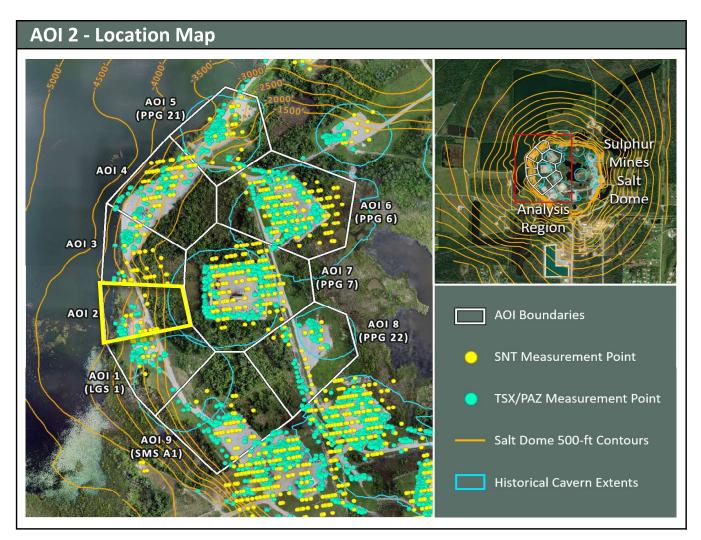
Wednesday, October 4, 2023

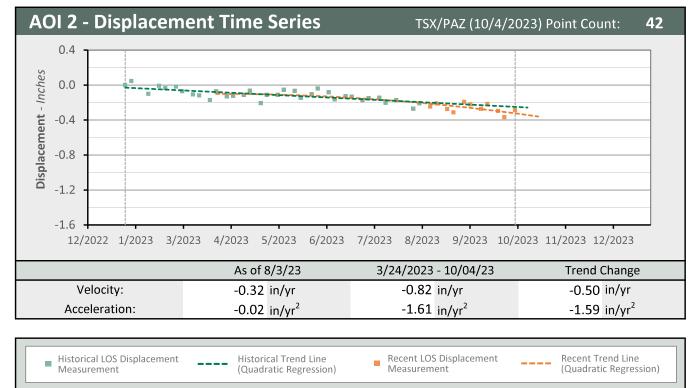
Analysis Report Date:

October 9, 2023









Analysis Date: 10/9/2023

