Westlake US 2 Received 9/28/2023

TSX/PAZ Satellite Update InSAR Subsidence September 23, 2023

Longuist comment:

"The TSX satellite from the TSX/PAZ constellation (4 & 7-day revisit) passed by Sulphur on Saturday September 23. We received the dataset Monday and noted that the newest datapoint is continuing in the direction of the "recent" trends established in the prior supplementary update on the 9/16/2023 dataset. In that update we applied non-linear quadratic trends to the "historical" data (1/24/2023 - 8/3/2023) and the full dataset (1/24/2023 - 9/16/2023) for comparison.

In this update we have done the same for the historical dataset, but for the recent data trend calculation, we have reduced the data span to start on 3/24/2023. This resulted in a better trend line fit to the most recent data. The attached time series plots will replace the prior reporting method for the TSX/PAZ datasets going forward.

We have also appended a review of the distant "Additional" locations of interest to this report, where we are still seeing similar or greater acceleration increases.

Also, the SNT satellite passed over Sulphur on Friday September 22. Unfortunately, the image acquisition failed on that date and no data was collected. This happens periodically with the SNT satellite, but it has been a while with the prior failure having been in April 2022. No SNT report will be issued for 9/22/2023. TREA has told us that they are investigating the cause of the acquisition failure with their data procurement team and will get back to us once they have additional information."



TSX/PAZ Satellite Update

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

Sulphur Mines Salt Dome

Prepared for: Westlake Chemical

Prepared by: Lonquist & Co., LLC 8591 United Plaza Blvd. Suite 280 Baton Rouge, LA 70809



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Dataset

Satellite Source

TerraSAR-X - PAZ Constellation

Most Recent Image Date

Saturday, September 23, 2023

Analysis Report Date:

September 28, 2023







































































