

SAMPLE INDUSTRIAL DISTRICT

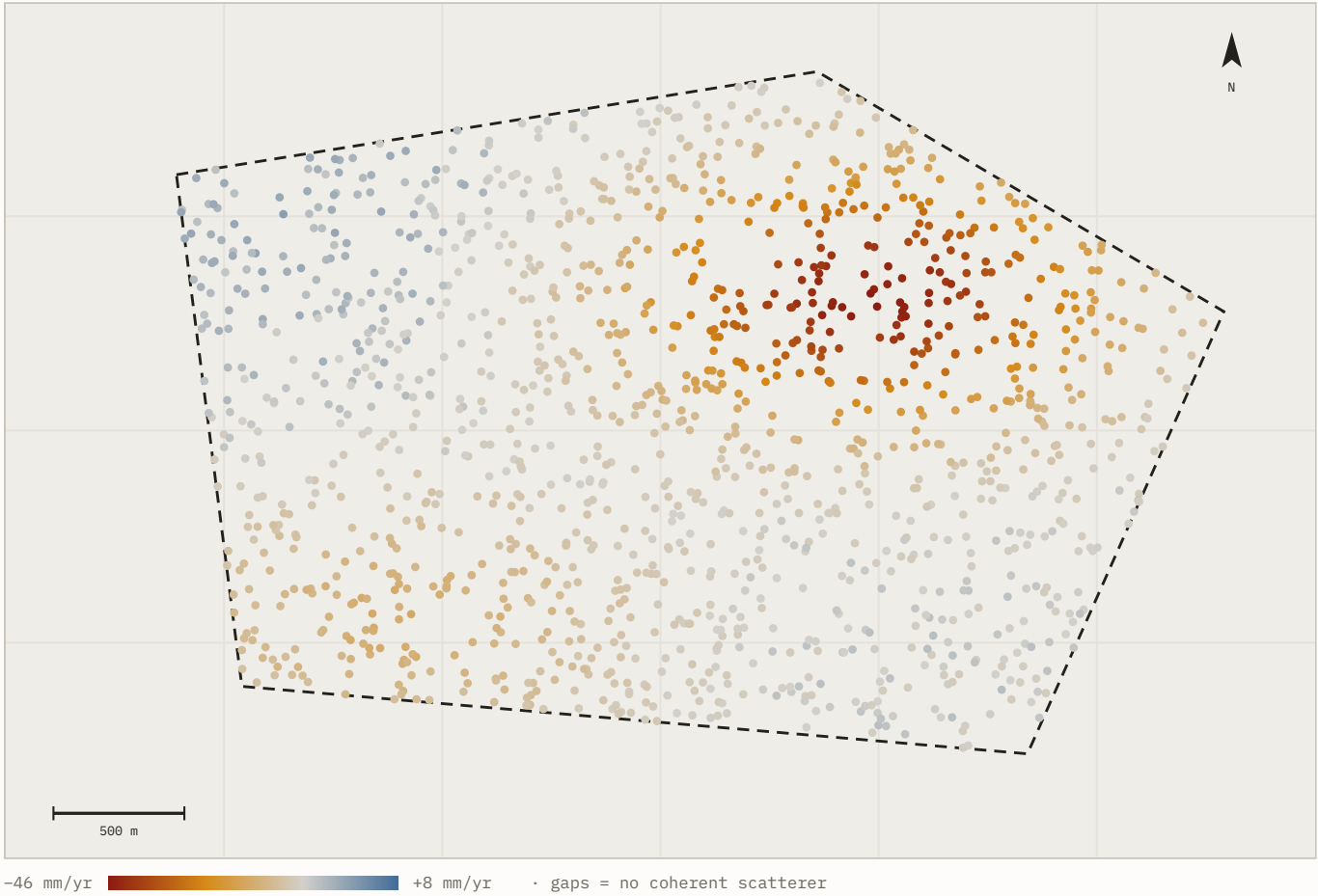
AOI-DEMO · 34.221 N 47.902 E · polygon, 4.2 km² · This sample uses synthetic data; a purchased report is generated from the Sentinel-1 archive over your site.

87/100	1,842	334	-7.0 (-0.28 in/yr)	-23.2 / 1.1
FEASIBILITY SCORE	MEASUREMENT POINTS	ACQUISITIONS · 2015-06 → 2026-07	MEAN VELOCITY · MM/YR	P10 / P90 VELOCITY · MM/YR

Finding. A localized subsidence bowl occupies the northeast quadrant, peaking at -47.4 mm/yr (-1.86 in/yr). The bowl-center series shows acceleration from 2023. The southwest zone subsides mildly; the remainder of the site is stable. Recommended: ground inspection of the NE quadrant, instrumentation if confirmed.

VELOCITY MAP – PERSISTENT SCATTERERS

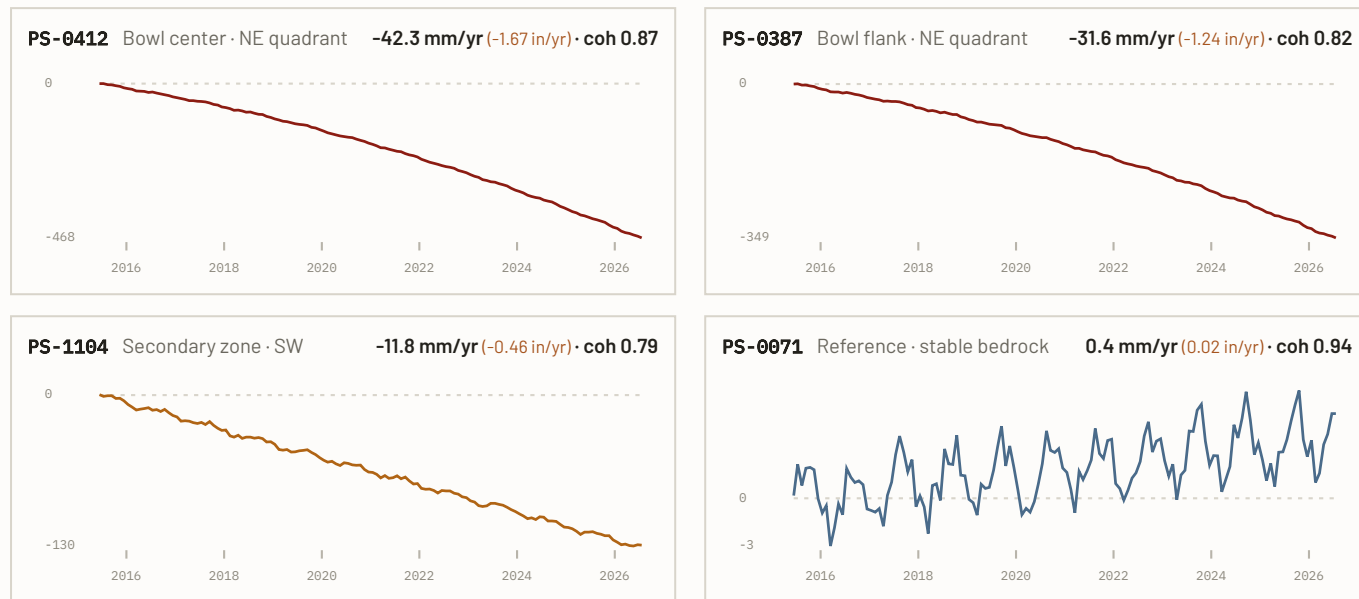
LOS VELOCITY · WGS84 / UTM 38N



-46 mm/yr +8 mm/yr · gaps = no coherent scatterer

TELLURIC
GROUND MOTION SITE REPORTREPORT RPT-DEMO-0001
GENERATED 2026-08-05
TEMPLATE V1.0-DEMO

SELECTED POINT SERIES – CUMULATIVE DISPLACEMENT, MM



The full report includes up to 12 pinned points (default: the six most negative velocities plus two high-coherence reference points), each with per-point statistics.

ACQUISITIONS – EXCERPT

DATE	GRANULE	TRACK	PERP. BASELINE	SITE RMS
2015-06-14	S1A_IW_SLC__1SDV_20150614	152 D	-12 m	1.9 mm
2015-07-08	S1A_IW_SLC__1SDV_20150708	152 D	+38 m	2.1 mm
2020-03-19	S1B_IW_SLC__1SDV_20200319	152 D	-64 m	1.7 mm
2023-11-02	S1A_IW_SLC__1SDV_20231102	152 D	+21 m	1.8 mm
2026-07-16	S1A_IW_SLC__1SDV_20260716	152 D	-7 m	1.6 mm
2026-07-28	S1A_IW_SLC__1SDV_20260728	152 D	+15 m	1.7 mm

... 328 further acquisitions listed in the full report.

METHODOLOGY – SUMMARY

Sentinel-1 SAR acquisitions over the AOI are interfered pairwise, filtered by coherence, and inverted as a network (SBAS) into one line-of-sight velocity and displacement history per scatterer. The full, versioned methodology is published at telluric.earth/methodology.

This report is an input to the buyer's own engineering deliverable. It is not a sealed or stamped document.

PROVENANCE

PROCESSOR hyp3 · burst InSAR
RUN run_01J9DEM07F3Q
ISCE2 v2.6.3
MINTPY v1.6.1
REF. POINT PS-0071 · coh 0.94
ORBIT descending · track 152
TEMPLATE v1.0-demo