

RWI SITREP 009 — Intra-day, 26 October 2026

Window **26 Oct 02:05 → 10:40 UTC** (25 Oct 20:05 → 26 Oct 04:40 MDT), following SITREP 008. 167 sites. Imagery: 3 Sentinel-2 passes (1 usable); thermal: NASA FIRMS to the night passes of 25–26 Oct (checked 10:38 UTC); night lights to the night of 25 Oct (VNP46A1). Full moon 26 Oct 04:12 UTC. Times UTC unless marked.

REPORTER LEADS — things in our data that no public reporting explains yet. Leads, not findings: each needs a reporter to confirm or kill it.

L1. Two night detections west of Yevpatoria, Crimea (carried from SITREPs 006 and 008)

24 Oct 23:46 UTC (45.154N 33.254E, 2.5 MW) and 25 Oct 00:05 UTC (45.201N 33.270E, 0.8 MW)

Why it is a lead: still no dated report. Yevpatoria was among the cities that lost power in the 23–24 Oct blackout (Crimean Wind via aggregators), but these detections are a night later.

What would settle it: claims of strikes near Yevpatoria / Saky for the night of 24–25 Oct; a clear optical pass (none yet). (Plate L2)

L2. Khiam fire, southern Lebanon (carried from SITREP 008; partly explained)

25 Oct 09:45–11:25 UTC; 33.338–33.344N 35.623–35.629E; up to 10.5 MW

Why it is a lead: Profile News's 25 Oct daily report lists Israeli artillery fire on the 'Khiam plain' that day, without times. That fits the place; the time and cause of the sustained fire are still unconfirmed.

What would settle it: a timed report of shelling near Khiam on 25 Oct; next clear Sentinel-2 pass for a burn scar. (Plate L1)

0. House check and live questions

Prime Rogue Inc. has published nothing new since 24 Oct (checked 26 Oct 10:30 UTC). Live questions:

- **What was hit before Sevastopol's rolling outages? Answered:** reporting ties the blackout to the 23–24 Oct strike on the Taman substation in Krasnodar Krai, which feeds Crimea (Kyiv Independent, 24 Oct). The 25 Oct "3 through 3" schedule is rationing after that strike, not a new attack. **CORRELATED**
- **Did Sevastopol's lighting drop on the night of 25 Oct?** Not that we can see — but see 1.2 on the full moon.
- **Wainwright origin range:** unchanged since SITREP 008.

1. Bottom line

1.1 Quiet night at watched sites; two new detections, both cement kilns. The night detection at Bakhchysarai in Crimea (00:30 UTC, 1.8 MW) is within about 450 m of the operating Bakhchysarai cement plant (Global Energy Monitor), inside one VIIRS pixel of it, beside its quarry (Plate A1). The two night detections 3 km south of SHAPE, Casteau (01:26 and 02:11 UTC) are 200–300 m from Holcim's Obourg cement works, next to its quarry (Plate A2), and explain the 24 Oct detection near SHAPE too. Both have been checked and dropped as leads. No detections in Lebanon or on the Zaporizhzhia front. **NOTHING TO MATCH**

1.2 Night lights are unreliable this week: full moon. The moon was 98–100% lit on 24–26 Oct. Our latest-night product (VNP46A1) is not corrected for moonlight, so readings run high: Sevastopol read 3.0 on 25 Oct against a baseline near 2.4, and the peninsula-wide box tripped a SURGE alert (3.3×) that was moonlight, not activity. A real outage could be masked. We have changed the pipeline so A1 surge flags are suppressed when the moon is more than 60% lit; the moon-corrected product (VNP46A2) arrives about a week later.

NOTHING TO MATCH

1.3 Industrial heat normal: Ras Laffan 7 new detections (54 in 24 h; 7-day average ~40/day), Kharg 3 (terminal flares), Novorossiysk 3 on the usual waterfront hotspot. **NOTHING TO MATCH**

1.4 Imagery: one usable optical pass (Ream Naval Base, 03:45 UTC, no change, 0.02). Sohae and Yongbyon were clouded out. **NOTHING TO MATCH**

2. Thermal detections new since SITREP 008

Site	UTC	Satellite	Position	FRP (MW)	Read	News
Crimea (Bakhchysarai)	26 Oct 00:30	NOAA-21	44.771N 33.858E	1.8	Bakhchysarai cement plant (~450 m)	NOTHING TO MATCH
SHAPE, Casteau	26 Oct 01:26, 02:11	NOAA-20/21	50.473N 3.989E	1.0-2.1	Holcim Obourg cement works (200-300 m)	NOTHING TO MATCH
Novorossiysk	25 Oct 23:26 – 26 Oct 00:30	S-NPP, NOAA-20/21	44.732-44.734N 37.806E	1.0-2.0	Recurring waterfront hotspot	NOTHING TO MATCH
Kharg Island	25 Oct 23:31	S-NPP	29.214-29.243N 50.307-50.315E	0.3-1.3	Terminal flares	NOTHING TO MATCH
Ras Laffan	through window	all	—	routine	7 new; industrial	NOTHING TO MATCH

3. Wilco Watch (DOGINT)

No new clear optical pass since 12 Oct and no new radar pass since 24 Oct, so the change read is unchanged. About 6 cm of snow fell on 23-25 Oct; expect the next clear pass to differ for that reason (Plate W1).

4. Follow-ups

- 4.1 Moon-corrected night lights (VNP46A2) for 23-26 Oct, about a week out, to settle Sevastopol.
- 4.2 Clear optical passes over Khiam and Yevpatoria.
- 4.3 System: add known industrial heat sources (cement kilns, flares) to the FIRMS watch so they stop raising alerts near SHAPE and in Crimea.
- 4.4 DECODEDELTA1 special report (Al-Watiya air base, Libya) in progress.

Plates — every component in this brief



Plate A1 — Crimea — night detection at Bakhchysarai, 26 Oct 00:30 UTC (1.8 MW).



Plate A2 — SHAPE, Casteau — two night detections 3 km south of HQ, 26 Oct 01:26 and 02:11 UTC.



Plate A3 — Novorossiysk — recurring waterfront hotspot, 25-26 Oct 23:26-00:30 UTC.

Kharg Island — terminal flares, 25 Oct 23:31 UTC

Sentinel-2 25 Oct 2026 07:31 UTC, 100% clear



Plate A4 — Kharg Island — terminal flares, 25 Oct 23:31 UTC.

Ras Laffan LNG — 7 routine flare detections

Sentinel-2 25 Oct 2026 07:22 UTC, 99% clear



Plate A5 — Ras Laffan LNG — 7 routine flare detections.

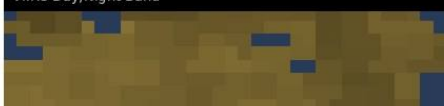
Night of 2026-10-23

VIIRS Day/Night Band



Night of 2026-10-24

VIIRS Day/Night Band



Night of 2026-10-25

VIIRS Day/Night Band



Plate B1 — Sevastopol — night lights 23-25 Oct (full moon 26 Oct).

Night of 2026-10-23

VIIRS Day/Night Band



Night of 2026-10-24

VIIRS Day/Night Band



Night of 2026-10-25

VIIRS Day/Night Band



Plate B2 — Crimea peninsula — night lights 23-25 Oct; the 25 Oct 'surge' is moonlight.

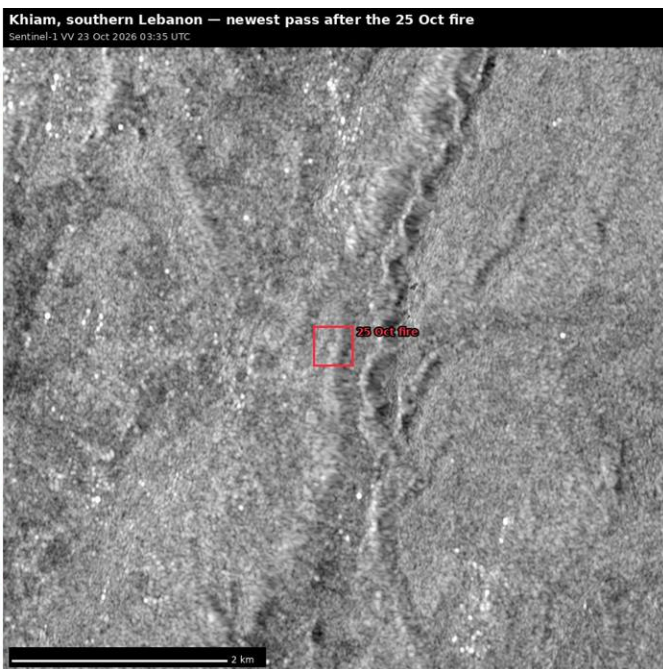


Plate L1 — Khiam, southern Lebanon — newest pass after the 25 Oct fire.

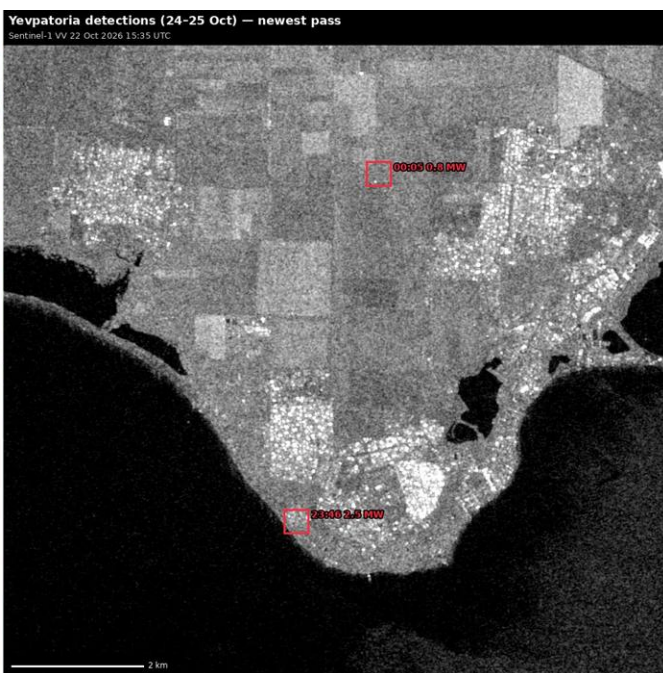


Plate L2 — Yevpatoria detections (24-25 Oct) — newest pass.

Ream Naval Base — 26 Oct 03:45 UTC, no change

Sentinel-2 26 Oct 2026 03:45 UTC, 64% clear



Plate C1 — Ream Naval Base — 26 Oct 03:45 UTC, no change.

Wilco Watch — change read

Optical change (red) 2026-09-22 → 2026-10-12 · radar change (cyan) 2026-10-12 → 2026-10-24

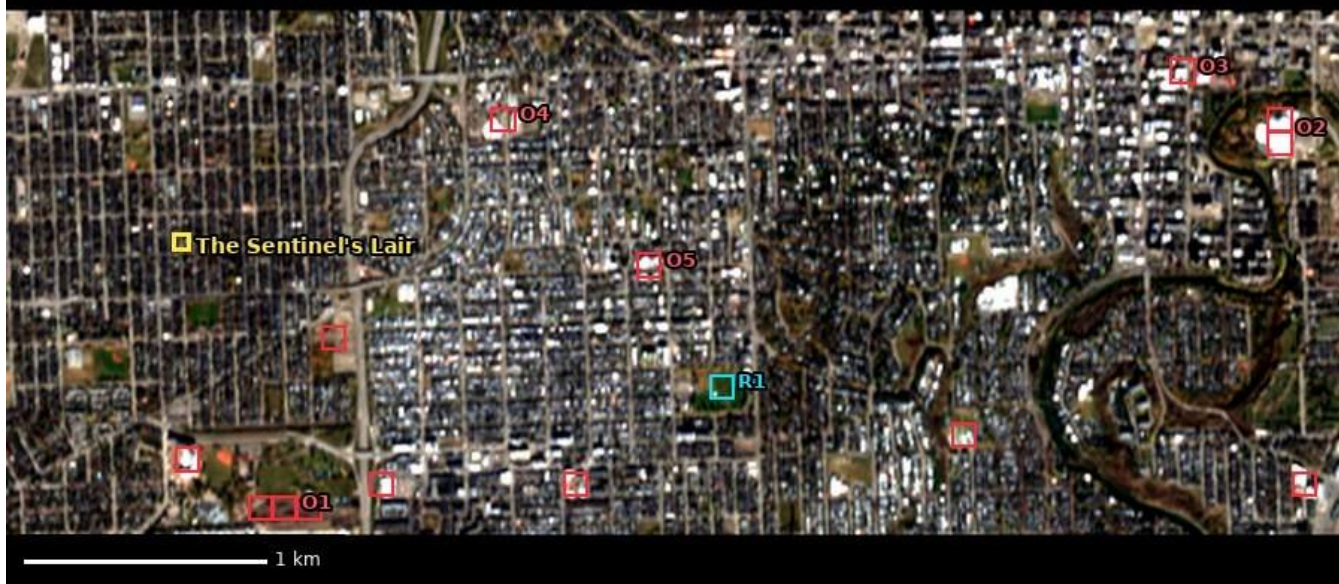


Plate W1 — Wilco Watch — 26 Oct (no new clear pass).

How to read the news tags: **CORRELATED** reporting confirms an event at that place and time · **PARTIAL** reporting in the area/period but not a clean match · **NOT IN NEWS** we see something the news does not (a lead, not a finding) · **NOTHING TO MATCH** nothing notable in our data to match.

Sources

- NASA FIRMS (VIIRS S-NPP/NOAA-20/NOAA-21, MODIS); NASA Black Marble VNP46A1; Copernicus Sentinel-1/-2 (Element 84, Microsoft Planetary Computer).
- Prime Rogue Inc. blog, checked 26 Oct 10:30 UTC — primerogueinc.com/blog/
- Kyiv Independent, Mass blackouts reported across occupied Crimea, 24 Oct — kyivindependent.com/mass-blackouts-reported-across-occupied-crimea/
- Ground News aggregation of Crimea blackout reporting (Crimean Wind, NetBlocks, Razvozhaev), 24 Oct — ground.news/article/occupied-crimea-plunged-into-blackout
- Profile News, October 25 2026 daily report (Lebanon) — www.profilenews.com/en/october-25-2026-daily-report/
- Global Energy Monitor wiki, Bakhchisaray Cement plant (44.7737N 33.8622E, operating) — www.gem.wiki/Bakhchisaray_Cement_Bakhchysarai_Cement_Plant
- Industry Atlas (Climate TRACE), Obourg cement plant, Holcim (Belgique) (50.4727N 3.9926E) — inzonex.co.uk/industryatlas/plant/obourg-cement-plant.html
- Moon phase: full moon 26 Oct 2026 04:12 UTC (computed with PyEphem).