

RWI SITREP 015 — Ad hoc: four conflict zones, 21-27 October, and daytime 27 October

Part 1: southern Lebanon, western Libya, the Zaporizhzhia front and El Obeid over **21-27 Oct**, from the first pull on RWI's NASA FIRMS map key (agent Gazda): every satellite, every pass. **Part 2:** the rest of the watchlist for **27 Oct 07:30 → 23:00 UTC**, after SITREP 013 (Israel election day is SITREP 014). Thermal to the 27 Oct day passes; imagery: Sentinel-2 passes of 27 Oct; flights: the hourly military ADS-B logger. 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. A Polish government jet landed at Rzeszów-Jasionka with no announced visit

Polish Air Force Gulfstream (0001, hex 48d960, callsign PLF105) descending to the ground at Rzeszów-Jasionka, 27 Oct 10:52-11:10 UTC (11:52-12:10 Polish time)

Why it is a lead: Rzeszów is the usual gateway for leaders travelling on to Ukraine by train, and Polish government jets carry the president, prime minister and ministers. We found no announced visit to Rzeszów or Ukraine by a Polish official that day. Trips to Kyiv are often announced only on arrival.

What would settle it: Chancellery of the Prime Minister / President's office / Ministry of National Defence: who flew to Rzeszów on PLF105 on 27 Oct, and did they travel on to Ukraine? (Plate C1)

1. Bottom line

1.1 Southern Lebanon was the busiest zone of the week, then went quiet. 31 heat detections on 21-25 Oct — the largest 34 MW near Aitaroun on 23 Oct, 22 MW in the hills east of Tyre on 24 Oct, a cluster near Khiam on 25 Oct — and none on 26 or 27 Oct, although Israeli strikes and demolitions were reported on 26 Oct (SITREP 014). **PARTIAL**

1.2 Western Libya: industrial. 31 of 35 detections are flares at the Zawiya refinery and the Mellitah gas complex. Four small night detections are unexplained: one on the coast east of Zawiya (24 Oct) and three inland, 25 km south of Zawiya, on two passes (27 Oct). Nothing at Al-Watiya; no military landings at any western Libyan airfield in the last 14 days. **NOT IN NEWS**

1.3 Zaporizhzhia front: five detections in a week, near Stepnohirsk (24 and 26 Oct), north of Orikhiv (24 Oct) and 4.6 km west of Huliaipole (27 Oct), on the edge of a field; Huliaipole has been Russian-held since January. Fighting along this line is reported continuously; none of the five matches a specific report. **PARTIAL**

1.4 El Obeid: two detections, at the north-east edge of the city (21 Oct) and 7 km west, at the edge of a seasonal pond (27 Oct, 5.8 MW). The city has been under RSF siege since mid-2026; nothing specific reported for either day. **PARTIAL**

1.5 The new FIRMS key works and is complete (BENCH-009): every detection the watch had, plus 25 more — 24 from before the Libya box joined the watch, one the watch missed in southern Lebanon.

1.6 Elsewhere, daytime 27 Oct: a Polish government jet at Rzeszów (lead L1); a Swedish Air Force Saab 340 government transport at Ramstein; small daytime fires in Goma and on the wadi south of Camp Lemonnier, Djibouti; routine industrial heat. **NOTHING TO MATCH**

Part 1 — Four zones, 21-27 October (all satellites)

Zone	Detections	By day (21→27 Oct)	Largest	Read	News
Southern Lebanon border strip	31	2 · 6 · 11 · 5 · 7 · 0 · 0	34.3 MW, Aitaroun, 23 Oct 11:08	Strike/fire pattern along the border; quiet 26-27 Oct	PARTIAL
Western Libya (DECODEDELTA1)	35	3 · 4 · 9 · 8 · 6 · 1 · 4	4.5 MW, Zawiya refinery, 23 Oct	31 refinery/gas flares; 4 small unexplained	NOT IN NEWS
Zaporizhzhia front	5	0 · 0 · 0 · 2 · 0 · 2 · 1	3.8 MW, Stepnohirsk, 26 Oct	Front-line fires	PARTIAL
El Obeid, North Kordofan	2	1 · 0 · 0 · 0 · 0 · 0 · 1	5.8 MW, 7 km W of city, 27 Oct	Edge of city / pond margin	PARTIAL

Southern Lebanon, by cluster. Marjayoun plain, 3 km west of Marjayoun: 21 Oct (8.6 MW) and 23 Oct (to 21 MW, three satellites). Nabatieh, 2 km west: 22 Oct. North-west of Bint Jbeil: a night fire seen on three passes, 22 Oct 22:46–23:48. Aitaroun: the week's strongest, 23 Oct 11:08–13:29 on three satellites, to 34 MW. Hills 13 km east of Tyre: 24 Oct, to 22.6 MW. Khiam: seven detections on 25 Oct 09:45–11:25 (SITREPs 006, 008). Israeli strikes in these districts are reported throughout October (most recently 26 Oct, Anadolu).

Western Libya. Zawiya refinery (32.79N 12.67–12.70E) flares every night; the Mellitah complex (32.86N 12.23E) on 24 and 27 Oct. Unexplained: 32.775N 12.859E on the coast east of Zawiya (24 Oct 01:11, 0.6 MW) and three at 32.575N 12.53E inland (27 Oct 00:52 and 01:11, to 0.5 MW) — small, single-pass, in the same zone as the August–September night fires (HC-003).

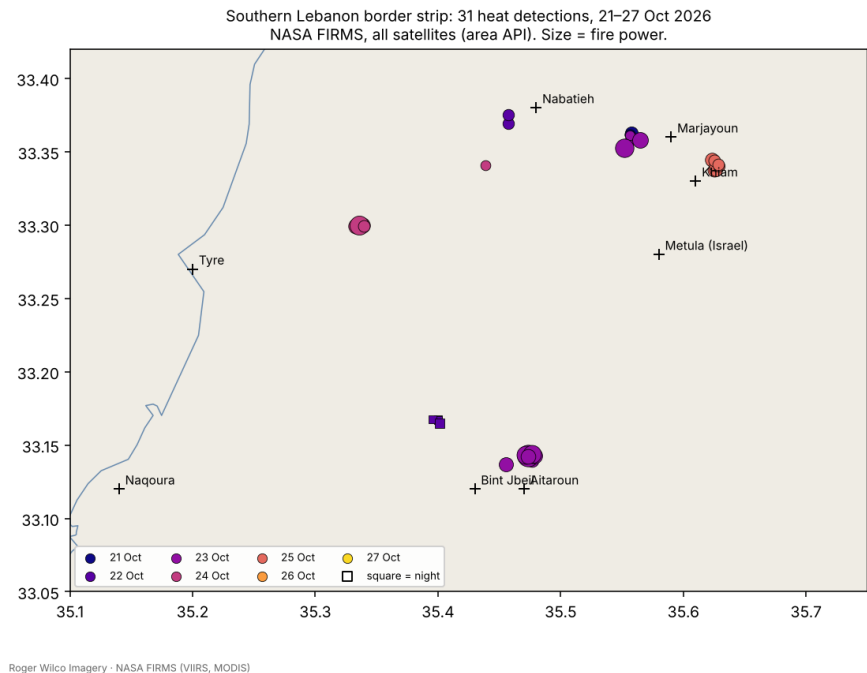


Plate Z1 — Southern Lebanon, 21–27 Oct. Colour = day; circle = day pass, square = night; size = fire power. Satellite plates for single detections are in the annex and earlier SITREPs.

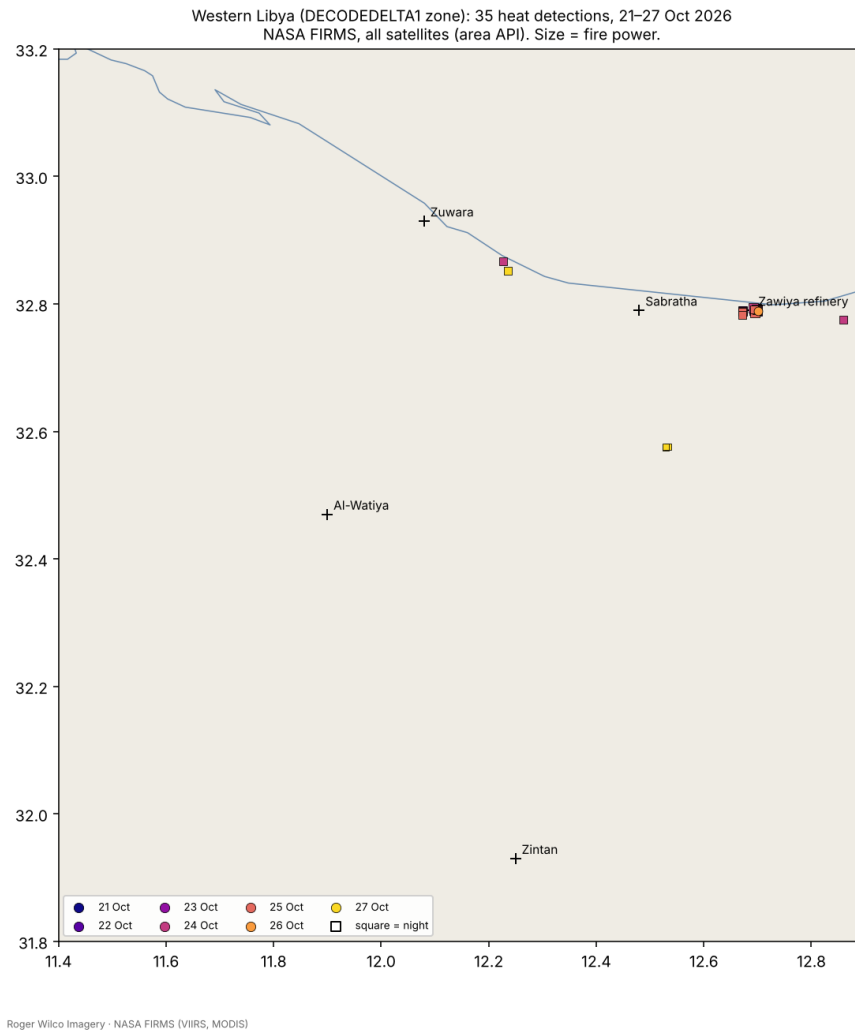


Plate Z2 — Western Libya, 21–27 Oct. Colour = day; circle = day pass, square = night; size = fire power. Satellite plates for single detections are in the annex and earlier SITREPs.

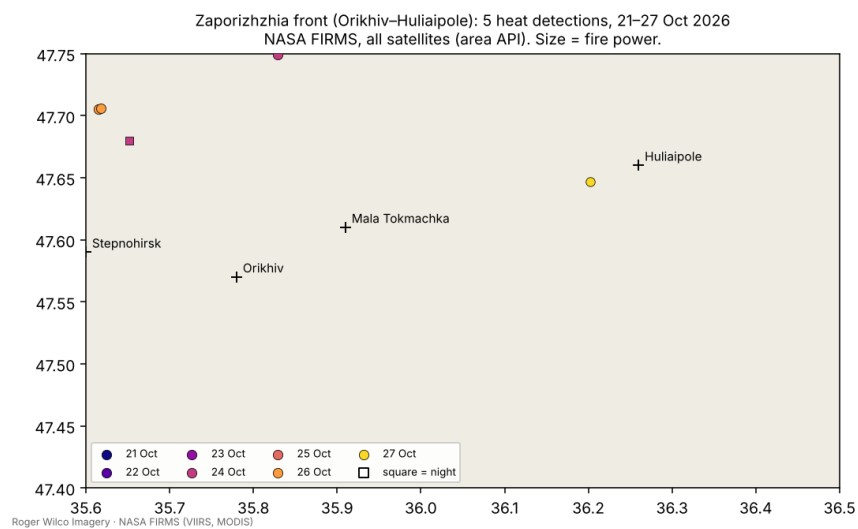
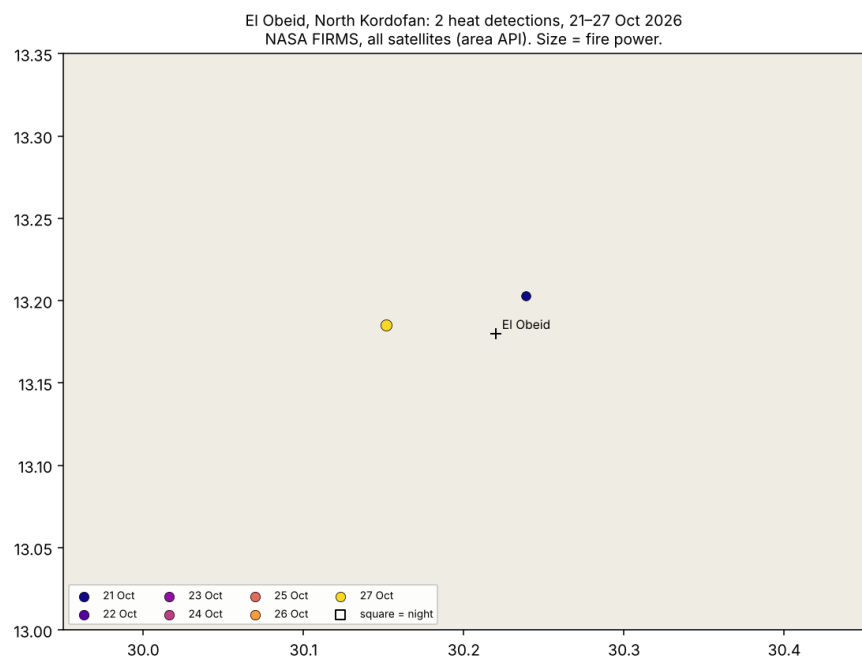


Plate Z3 — Zaporizhzhia front, 21–27 Oct. Colour = day; circle = day pass, square = night; size = fire power. Satellite plates for single detections are in the annex and earlier SITREPs.



Roger Wilco Imagery · NASA FIRMS (VIIRS, MODIS)

Plate Z4 — El Obeid, 21–27 Oct. Colour = day; circle = day pass, square = night; size = fire power. Satellite plates for single detections are in the annex and earlier SITREPs.

Part 2 — Rest of the watchlist, daytime 27 October

UTC (27 Oct)	Site	What	Read	News
10:52–11:10	Rzeszów-Jasionka	Polish Air Force Gulfstream 0001 (PLF105) lands; RAF A400M ZM400 departs 16:44–16:58	Lead L1	NOT IN NEWS
10:33	Ramstein Air Base	Swedish Air Force Saab 340 (100001, SVF653) at 950 ft over the base — a government transport	Visit not identified	NOT IN NEWS
10:41	Djibouti	Two detections (2.4–3.2 MW) on the wadi 2 km south of Camp Lemonnier's runway	Vegetation / waste burning	NOTHING TO MATCH
11:23	Goma, DRC	One detection (3.5 MW) in the west of the city	Urban fire	NOTHING TO MATCH
00:48	Crimea / Novorossiysk	Bakhchysarai cement kiln; Novorossiysk waterfront hotspot	Routine	NOTHING TO MATCH
day	Ras Laffan, Bandar Abbas	23 and 35 detections in 24 h, within normal range	Industrial	NOTHING TO MATCH
09:36	Rzeszów-Jasionka (imagery)	Change score 55% on a pass marked 100% clear — the image is full of small cumulus the cloud mask missed	Pipeline error, not activity	NOTHING TO MATCH
day	Peterson SFB, Norfolk, Fort Carson area	USAF Academy SR20s, Navy MH-60s, Army UH-60s and a CH-47 — training traffic	Routine	NOTHING TO MATCH

Rzeszów (L1). The Gulfstream descended into Rzeszów-Jasionka at 10:52 and was on the ground by 11:10 UTC; the logger did not see it leave before its run ended. An RAF A400M was on the ground and left at 16:44. Rzeszów-Jasionka handles Western military airlift to Ukraine and the arrivals of leaders who continue by train.

We found no reporting of a Polish visit on 27 Oct.

3. System notes

3.1 **Cloud mask:** the Rzeszów pass shows small cumulus scored as clear; the change score is cloud. The scene-classification mask misses fair-weather cumulus; a brightness test on the chip will be added before change scores are reported.

3.2 **Schedules:** GitHub ran the scheduled jobs hours late all day; the FIRMS key now backs up the watch (BENCH-009).

3.3 **Ship and aircraft counts (roadmap):** an airfield ADS-B scan of the six pilot bases and an hourly AIS watch over Halifax, Esquimalt and Norfolk started today, to put names on the satellite counts.

4. Follow-ups

4.1 Who flew PLF105 to Rzeszów (L1).

4.2 The four small unexplained night detections in western Libya: next clear passes.

4.3 Southern Lebanon: why no detections on 26–27 Oct despite reported strikes — cloud on 27 Oct; check 26 Oct pass coverage.

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.

Plates — every component in this brief

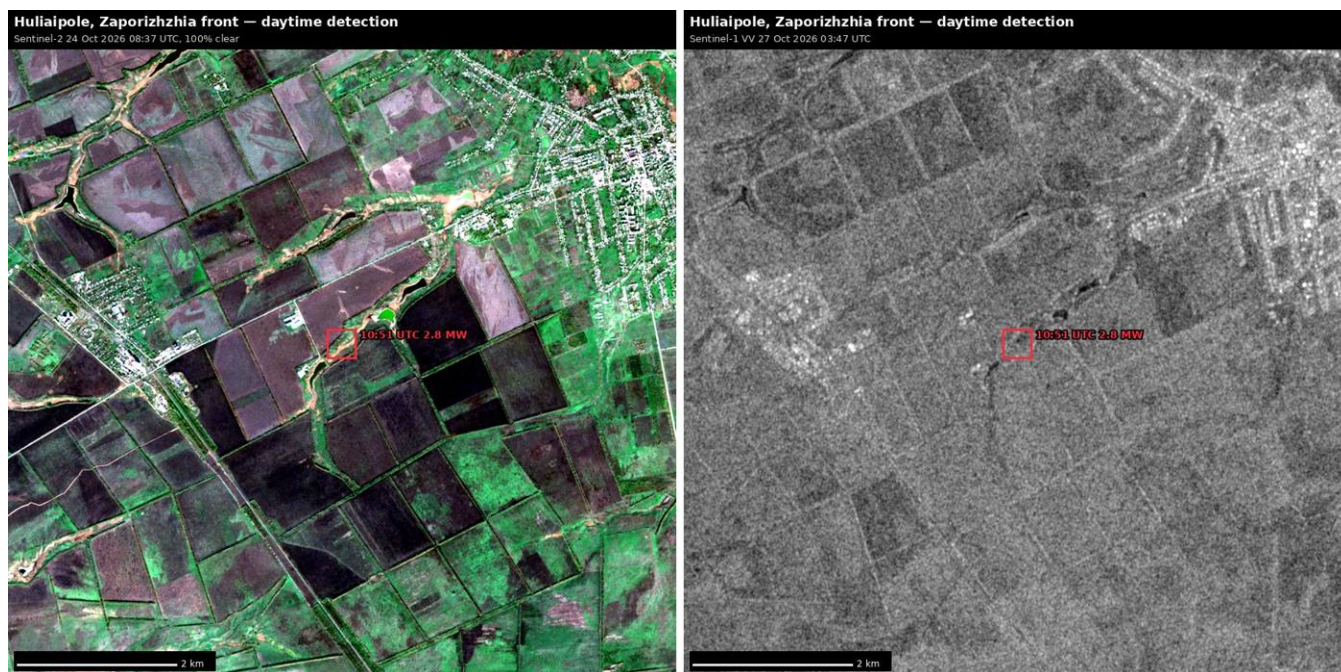


Plate A1 — Huliaipole, Zaporizhzhia front — daytime detection.

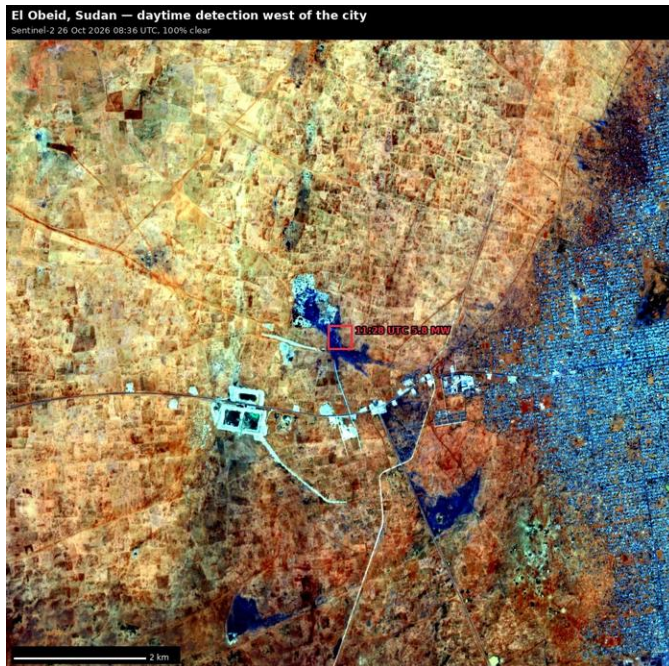
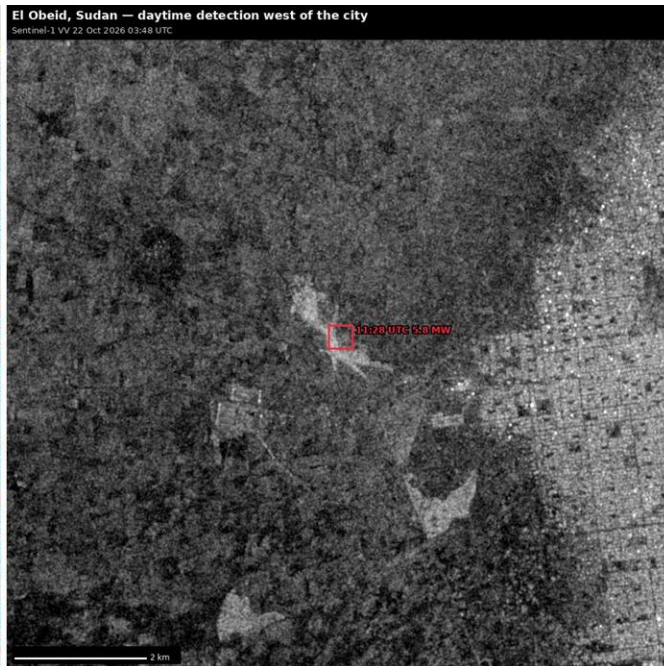


Plate A2 — El Obeid, Sudan — daytime detection west of the city.

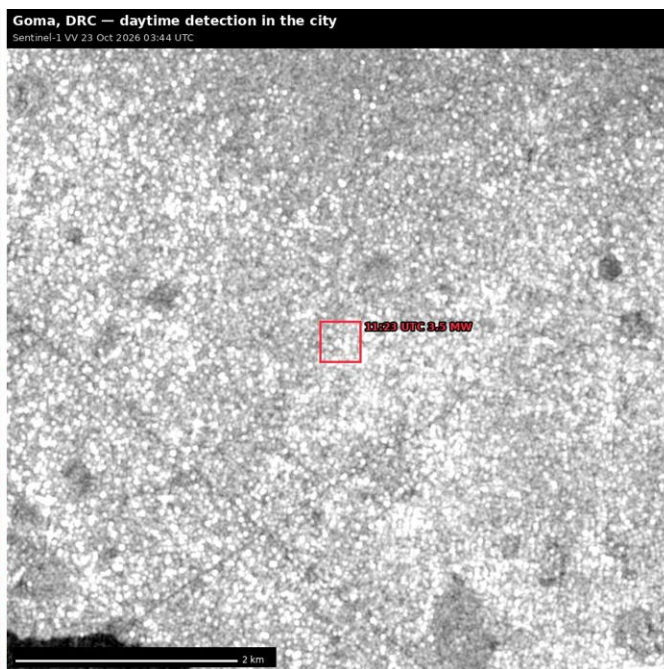


Plate A3 — Goma, DRC — daytime detection in the city.



Plate A4 — Djibouti — two detections south of Camp Lemonnier.



Plate A5 — Western Libya — two small night detections inland of Zawiya.



Plate A6 — Crimea — Bakhchysarai cement kiln (routine).

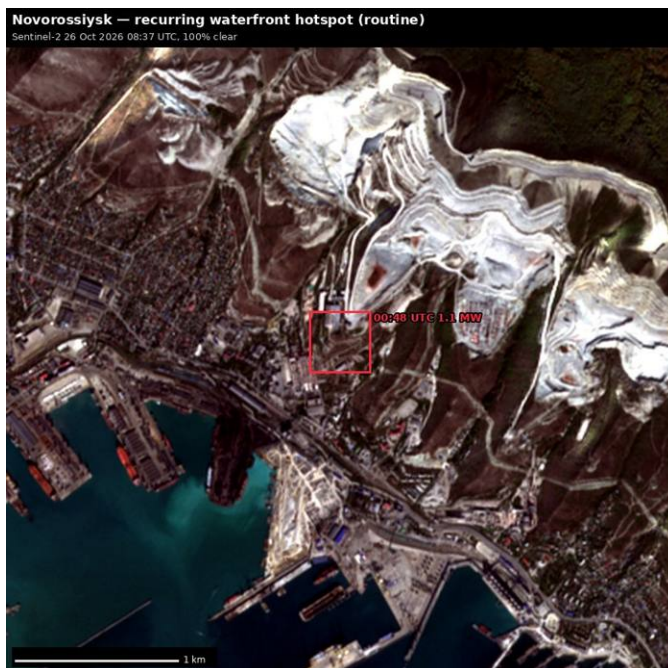


Plate A7 — Novorossiysk — recurring waterfront hotspot (routine).

Rzeszów-Jasionka — clear pass, large change score

Sentinel-2 27 Oct 2026 09:36 UTC, 100% clear

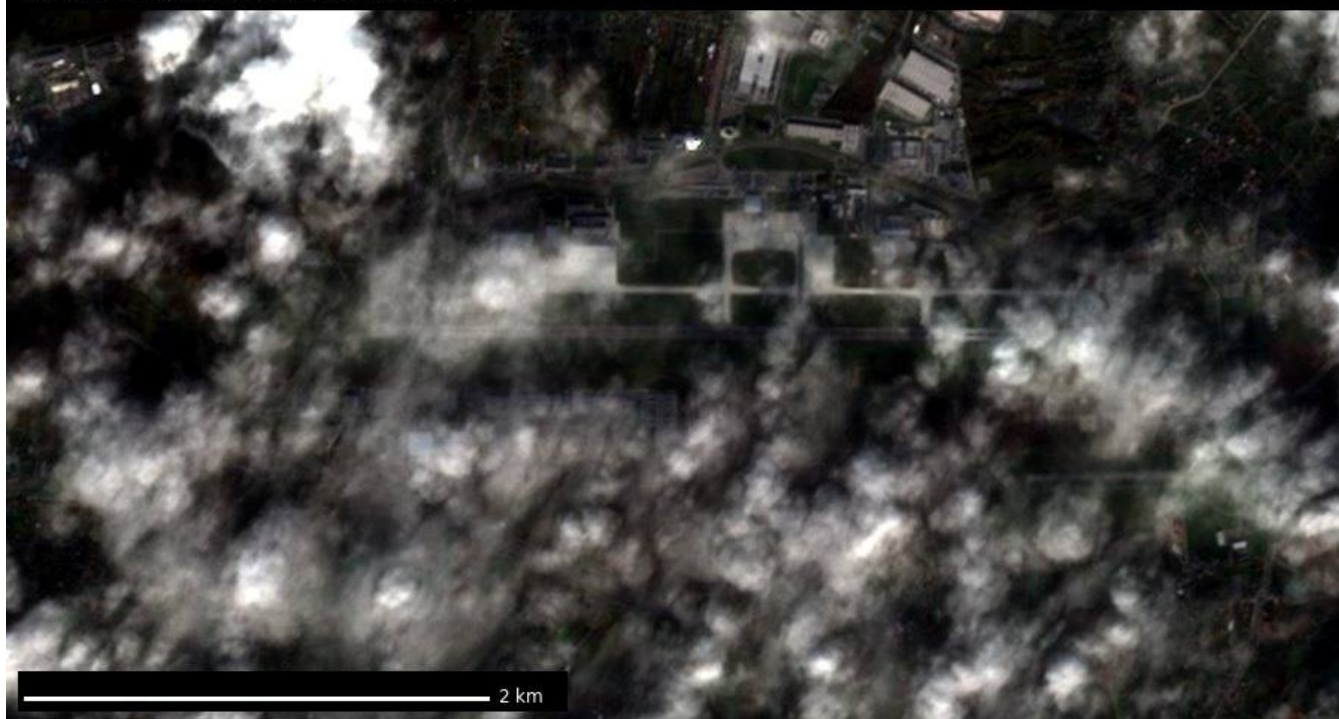


Plate C1 — Rzeszów-Jasionka — clear pass, large change score.

Ramstein Air Base — Swedish government Saab 340 overhead 10:33 UTC

Sentinel-2 23 Oct 2026 10:47 UTC, 89% clear



Ramstein Air Base — Swedish government Saab 340 overhead 10:33 UTC

Sentinel-1 VV 26 Oct 2026 05:33 UTC

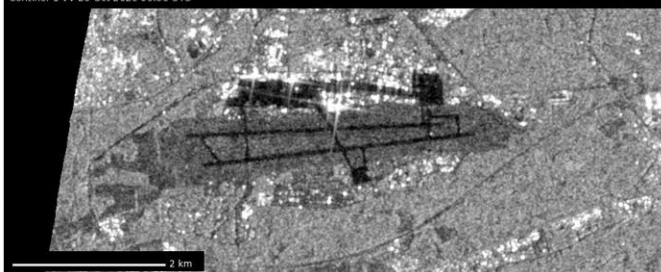


Plate C2 — Ramstein Air Base — Swedish government Saab 340 overhead 10:33 UTC.

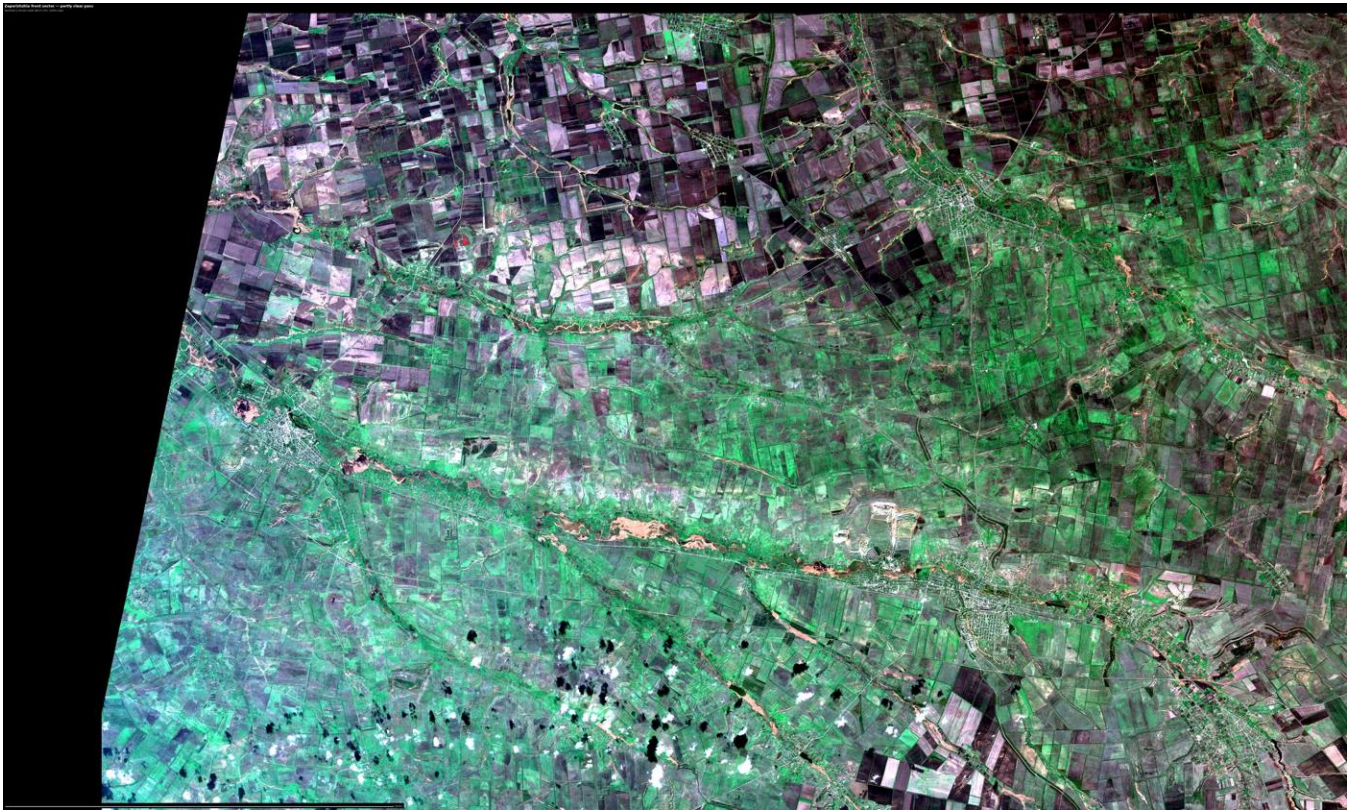


Plate C3 — Zaporizhzhia front sector — partly clear pass.

Camp Adazi, Latvia — clear pass

Sentinel-2 27 Oct 2026 09:44 UTC, 100% clear



Plate C4 — Camp Adazi, Latvia — clear pass.

Ust-Luga port — mostly clear pass

Sentinel-2 27 Oct 2026 09:33 UTC, 82% clear

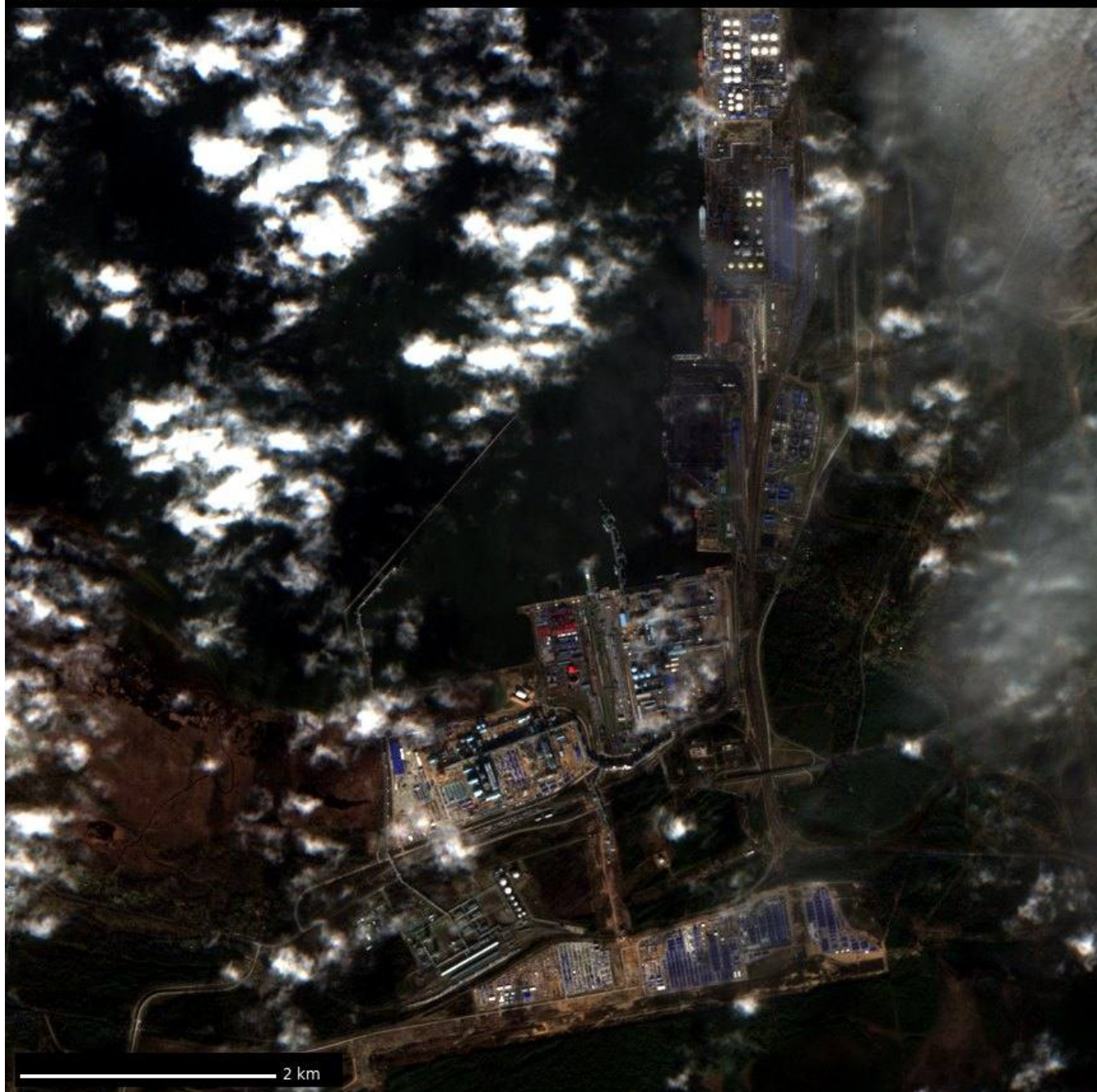


Plate C5 — Ust-Luga port — mostly clear pass.

Sources

- NASA FIRMS area API (VIIRS S-NPP / NOAA-20 / NOAA-21, MODIS; archive and near-real-time), RWI key agent Gazda; RWI FIRMS watch; Copernicus Sentinel-2 and Sentinel-1 (Element 84); adsb.lol live military feed and daily archive.
- Anadolu Agency, Israel carries out strikes in southern Lebanon in fresh ceasefire violations, 27 Oct 2026.
- Al Jazeera, El-Obeid under siege by RSF, 6 Jul 2026. Wikipedia, Huliaipole offensive.
- RWI BENCH-009 (FIRMS key against the FIRMS watch); RWI SITREPs 006, 008, 013, 014; RWI HC-003.