RWI SITREP 026 — Expanded daily, 30 October 18:52 UTC to 2 November 03:03 UTC

Window **30 Oct 18:52 → 2 Nov 03:03 UTC** (56 h). Same start as SITREP 025, extended to the 2 Nov pickup, and the first SITREP that reads **every source in one measurement** (tools/sitrep_measure.py): six pickups, the 3-hourly FIRMS watch, night lights, Libya landings, dark ships and radar detections, military aircraft over Canadian cities, 25 Area Watch issues across 13 Watches (including the new Trump, Ottawa, Panhandle, New Zealand and Antarctica Watches) and the tracked presidential aircraft. It supersedes 025 for the overlapping period. **Times are UTC, with the local time at the place beside it.** Flight data come from the adsb.lol daily archive, which runs a day behind: flights in this report end on 31 Oct 23:59 UTC. LLM-assisted analysis.

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. N722BD, the Learjet 60 that crashed in West Palm Beach on 1 Nov: its full previous day on ADS-B
31 Oct 00:00 → 23:24 UTC: en route across Kentucky at 40,000 ft, then on the ground at Austin, Texas, last seen 23:24 UTC (18:24 CDT). The crash on Military Trail was about 17:50 UTC on 1 Nov (12:50 EST); nine people were killed.
Why it is a lead: Our Trump Watch keeps whole-day traces for four tail numbers, and N722BD was one of them after the crash. The 1 Nov archive (the crash flight itself) is not published yet; we will add the trace when it is.
What would settle it: NTSB (preliminary report, docket) and FAA on the flight's origin, purpose and operator; Palm Beach County Fire Rescue on the timeline. (Plate P1)

L2. West Zawiya coast: night heat at the coastal tank farm (carried from SITREP 025, no recurrence since)
1 Nov 00:22 UTC (02:22 EET), NOAA-21: three pixels up to 6.1 MW at 32.790 N, 12.695 E. Nothing at the spot between 1 Nov 01:17 UTC and the end of the window.
Why it is a lead: Fifth night of heat at the same place since 11 Aug (RWI-HC-003), not where the refinery flares.
What would settle it: NOC / Zawiya Oil Refining Company on any flaring, fire or incident at the coastal tank farm on the night of 31 Oct–1 Nov. (Plate P3)

L3. El Obeid, North Kordofan: one daytime heat pixel inside the city (carried from SITREP 025)
1 Nov 11:34 UTC (13:34 CAT), 3.0 MW at 13.201 N, 30.238 E, a residential block in the north-east of the city. No further detection in the window.
Why it is a lead: El Obeid is under repeated RSF drone attack. A single midday pixel can be a strike, a house fire or burning rubbish.
What would settle it: Sudan Doctors Network, Emergency Lawyers, Dabanga or Radio Tamazuj on any strike or fire in north-east El Obeid on 1 Nov. (Plate P4)

1. Bottom line

1.1 **No new imagery leads.** 292 site-passes at 179 sites (175 Sentinel-2, 48 usable under the cloud mask; 115 Sentinel-1 radar; 2 Landsat). The four largest new change scores are first snow at Rankin Inlet, low sun and cloud at NWS A-03 (Alaska), and cloud in the baselines at McMurdo and Ohakea (P2). **NOTHING TO MATCH**

1.2 **Heat: no new lead.** 286 VIIRS detections at 12 watched places. After SITREP 025's window closed (1 Nov 18:53 UTC) only Ras Laffan, Bandar Abbas and Abqaiq burned, all routine. The SHAPE item carried in 025 is **resolved**: the nightly source south of the HQ box is the Holcim cement works at Obourg, already on the watchlist as known heat. **PARTIAL**

1.3 **Trump Watch, first full day (31 Oct UTC).** Air Force One (VC-25A 92-9000) left the Tampa area at 01:47 UTC (21:47 EDT on 30 Oct) and landed at Andrews at 03:26 UTC (23:26 EDT); N757AF flew Daytona to Palm Beach, landing 03:24 UTC (23:24 EDT); C-32A 98-0002 (SAM542) left Atlanta southbound at 23:35 UTC (19:35 EDT). No foreign military aircraft near Mar-a-Lago. Avenger air-defence systems have been deployed

around Mar-a-Lago and Palm Beach International since 23 Oct (NORAD/NORTHCOM, at Secret Service request) (P1).

1.4 **Watches: nothing out of pattern.** Foreign military training traffic over California and Nevada (Australia, Canada, Britain, Germany, India). Two German Air Force transports used Dulles on 31 Oct: C-130J 55+06 (GAF329) left at 13:10 UTC (09:10 EDT) and climbed north past Camp David at 22,000 ft, and A400M 54+32 (GAF137, seen over St. John's on 30 Oct) landed at 16:26 UTC (12:26 EDT). In New Zealand, an Italian Air Force C-130J (MM62191, IAM4600) was at Christchurch, consistent with Italy's Antarctic season; RNZAF C-130J and P-8A worked the Kaipara and Raumai ranges.

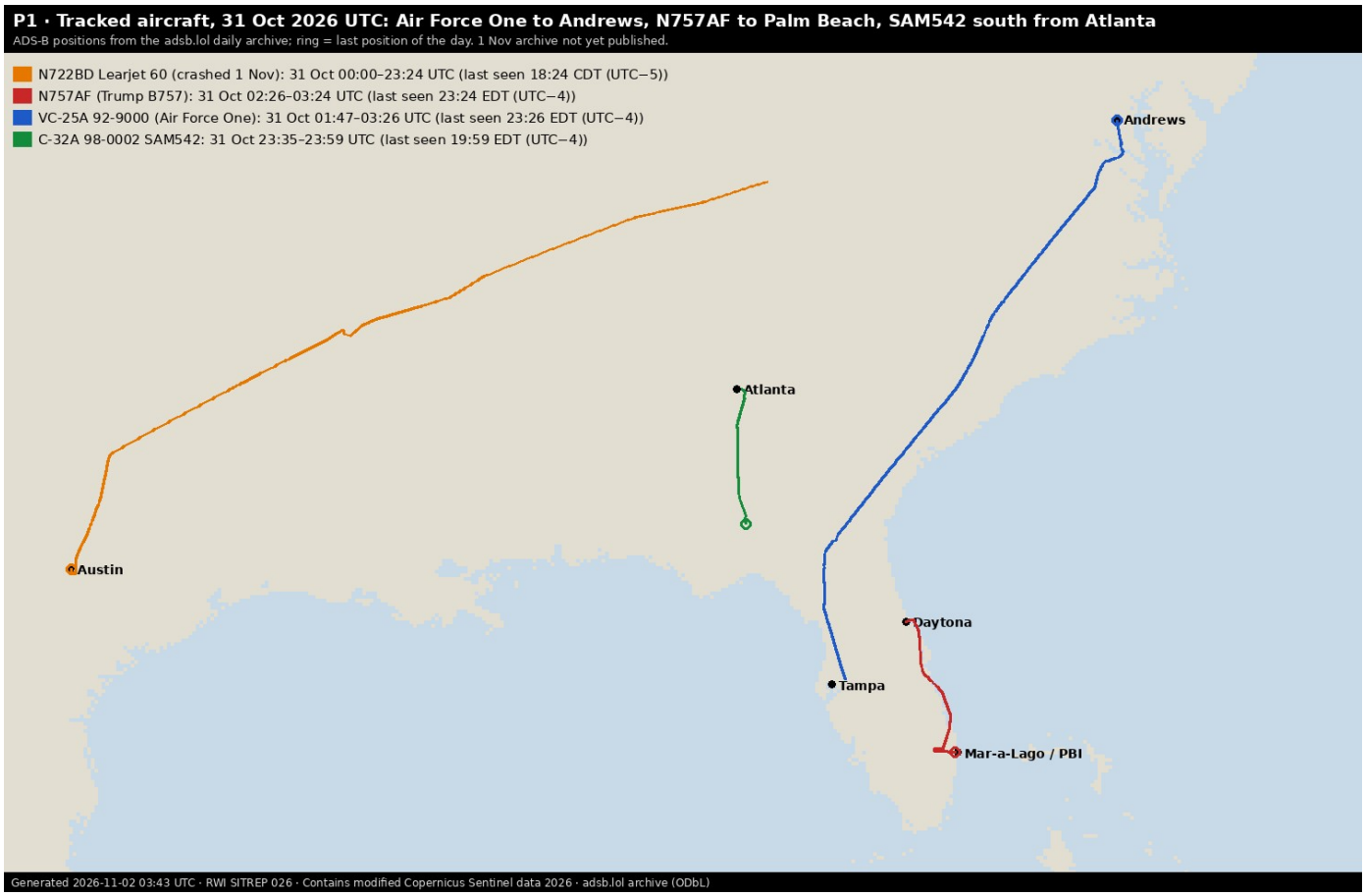
1.5 **Other watches quiet.** No military or state landing in western Libya (to 31 Oct). No dark-ship candidate. No night-lights flag. 69 radar detections (67 ships and one aircraft off Norfolk, one vessel at Barksdale), none matched to AIS.

2. Heat (VIIRS, FIRMS watch)

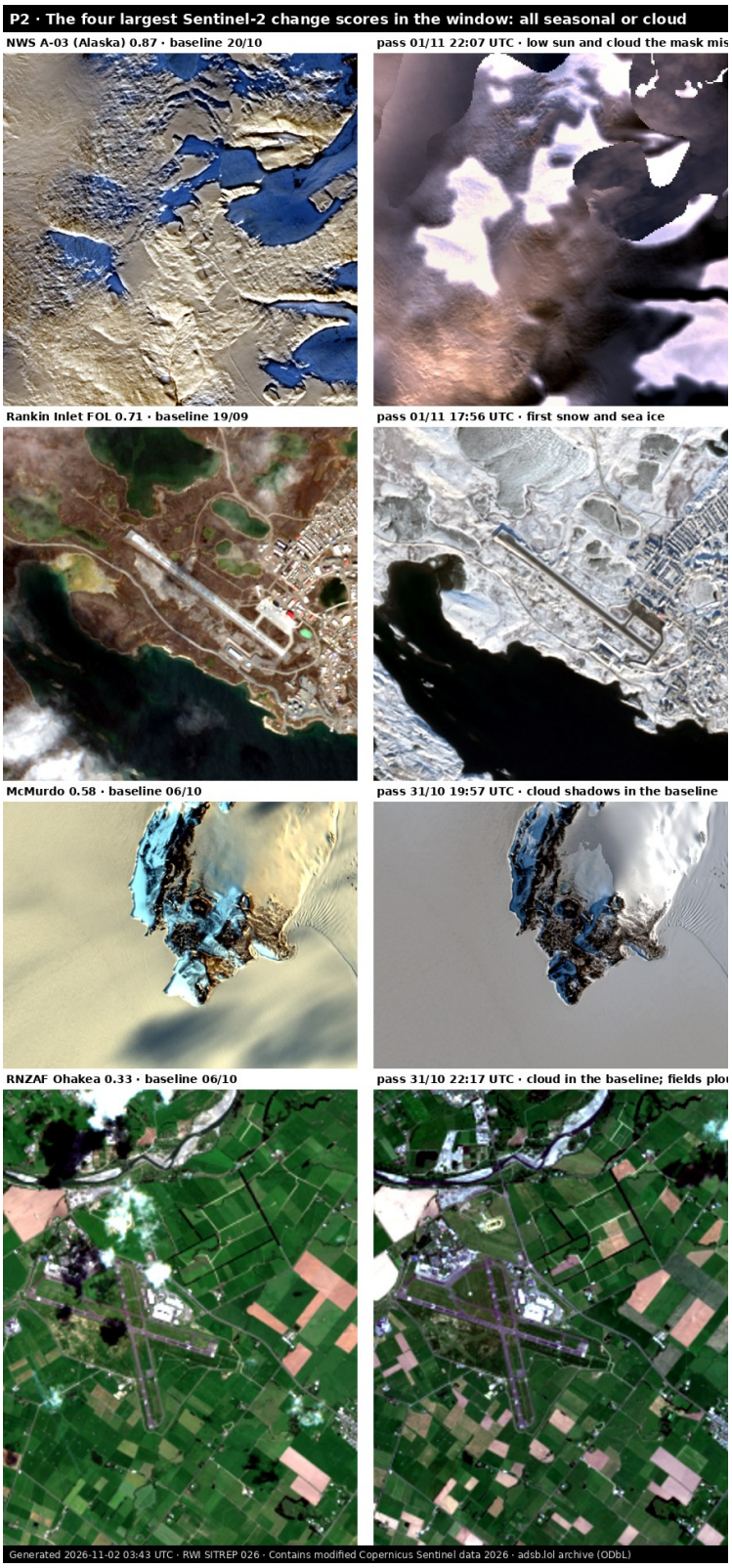
Place	Detections	Max MW	First → last (UTC)	Reading
Ras Laffan LNG, Qatar	131	83.7	30 Oct 21:21 → 1 Nov 22:22	Routine flaring
Bandar Abbas, Iran	80	7.7	30 Oct 21:18 → 1 Nov 22:22	Routine port and industrial heat
SHAPE, Casteau (Belgium)	15	4.0	31 Oct 01:11 → 1 Nov 02:53	Holcim cement works, Obourg (known heat; 025 item resolved)
Eglin range, Florida	13	12.9	31 Oct 18:43 (13:43 CDT)	Line of pixels on the range: prescribed burn pattern. Site restored to the watchlist 1 Nov
Kharg Island, Iran	11	2.4	30 Oct 21:55 → 31 Oct 23:18	Routine
Douda dump, Djibouti	11	6.2	31 Oct 10:11 → 1 Nov 10:49	Routine dump burning
LNG Canada, Kitimat	8	3.1	31 Oct 09:41 → 11:19	Night flare (02:41–04:19 PDT)
Abqaiq, Saudi Arabia	7	1.8	30 Oct 21:55 → 1 Nov 22:22	Routine
Zawiya / West Libya	3 (+1 Mellitah)	6.1	1 Nov 00:22 (02:22 EET)	**Lead L2** (P3)
Meaford	2	3.7	31 Oct 17:43, 18:04 (13:43, 14:04 EDT)	Farm fire at the edge of our box (SITREP 025, P1)
El Obeid	1	3.0	1 Nov 11:34 (13:34 CAT)	**Lead L3** (P4)

3. Imagery

Sensor	Site-passes	Usable	Largest change
Sentinel-2	175	48 (cloud mask)	NWS A-03 0.87, Rankin Inlet 0.71, NWS A-02 0.62, McMurdo 0.58, Ohakea 0.33: snow, low sun or cloud (P2)
Sentinel-1 radar	115	not scored for change	—
Landsat	2	—	—



P1 · Tracked aircraft on 31 Oct 2026 UTC (adsb.lol archive). Ring = last position of the day.



P2 · The four largest new Sentinel-2 change scores, each beside its baseline.

4. Military and state aircraft over Canadian cities

Category	Aircraft	Notes (UTC, local beside)
Foreign military	2	German A400M GAF137 over St. John's 30 Oct 19:20 (16:50 NDT); German Global Express GAF621 over Calgary and Edmonton 31 Oct 18:12 (12:12 MDT)
US military	4	US Coast Guard MH-65 helicopters (C65xx) over Windsor, London, Hamilton and Victoria: routine Great Lakes and Strait of Juan de Fuca patrols
RCAF	5	CC-330 Husky CFC3414 over Ottawa 31 Oct 06:07 (02:07 EDT); two Challengers (CFC3018, CFC3124), a CC-295 (ATLS504) at Winnipeg, a King Air (MSTG97) at Calgary
State	7	DND and Coast Guard helicopters at Victoria, Nav Canada flight check over Ottawa, Saskatchewan government King Airs, a Detroit city aircraft over Windsor
Contractor	5	PAL Aerospace (Halifax, St. John's), Voyageur (Edmonton)
Police	4	Counts only (standing rule)

5. Area Watch issues in the window

Watch	Issues	Reading
California (5) and Nevada	18	Routine US military training; foreign aircraft from Australia, Canada, Britain, Germany and India. RAAF KC-30A A39-007 near San Nicolas Island **31 Oct** 15:11–16:02 UTC (08:11–09:02 PDT)
Trump — Florida / Capital / Northeast	3	First issues. Presidential aircraft as in 1.3. The Capital Watch's Sterling site (Trump National, Virginia) sits beside Dulles, so every Dulles movement shows as near it: the box will be tightened
Ottawa	1	First issue: clear Sentinel-2 over Rideau Hall, 24 Sussex and the federal campuses on 31 Oct. Flights were not yet scanned for Ottawa (from 2 Nov)
Panhandle	1	Restored 1 Nov. 145 flights; Eglin range heat as in section 2
New Zealand	1	Restored 1 Nov. RNZAF C-130J NZ7011 over Kaipara 31 Oct 20:57–22:18 UTC (09:57–11:18 NZDT, 1 Nov); P-8A NZ4801 over both ranges 04:35–07:21 UTC (17:35–20:21 NZDT); Italian C-130J at Christchurch
Antarctica	1	Restored 1 Nov. Clear pass over Concordia; no flights in the box on 31 Oct

6. Corrections and carried items

Correction to SITREP 025, item 1.4: RAAF KC-30A A39-007 was near San Nicolas Island on **31 Oct**, not 1 Nov. Area Watch issues are dated the day they run and cover the previous day's flights.

Resolved: SHAPE nightly heat (Holcim cement works, Obourg).

Carried: Kerem Shalom (SITREP 020); LNG Canada daytime pair (019/020, not repeated); TUN82 at St. John's; the Djibouti road and Chabelley spots; open leads of SITREPs 008–015.



P3 · West Zawiya coast, 1 Nov 02:22 EET (from SITREP 025).



P4 · El Obeid, 1 Nov 13:34 CAT (from SITREP 025).

7. Method and sources

One measurement for every source: tools/sitrep_measure.py → measure.json in this report's folder. Pickups: Sentinel-2 L2A (cloud mask v2), Sentinel-1 RTC and Landsat C2 L2 per watched site; daily folders in rwi-sitreps-november-2026 and the pipeline's October folders, raw scenes in rwi-imagery-s2 / -s1 / -baselines with SHA-256 hashes. Heat: NASA FIRMS VIIRS (S-NPP, NOAA-20, NOAA-21) every 3 h. Night lights: NASA Black Marble. Flights: adsb.lol daily archive (ODbL). Ships: AIS logger plus Sentinel-1 detections. Local times from the coordinates (scripts/rwi_time.py). Reporting checked: NORAD/NORTHCOM on the Palm Beach air-defence deployment; news reports of the 1 Nov West Palm Beach crash, first reported by Associated Press (via NBC 6 South Florida) at 2 Nov 2026 00:15 UTC (icing and turbulence; lead L1 closed and credited).