RWI SITREP 019 — Daily, 29–30 October 2026

Window **29 Oct 01:00 → 30 Oct 01:00 UTC** (24 h); SITREPs 017 and 018 covered parts of it, and this report marks what is new. 218 sites. Imagery: the daily pickup of 30 Oct 00:10 (36-hour window, run to fill the failed 29 Oct pickup), new cloud mask on every Sentinel-2 pass: 65 Sentinel-2 and 10 Sentinel-1 site-passes in the window, no Landsat. Thermal: FIRMS watch runs of 01:02, 10:05, 18:36 and 30 Oct 00:51, the first with the heat-source catalogue. Watches: the 29 Oct Area and Wilco Watch issues. Flights: ADS-B to 21:07 only; AIS in blocks. 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. LNG Canada, Kitimat: a daytime heat pair ten times the plant's usual, filed as routine
29 Oct 19:30 UTC (12:30 PDT), NOAA-21: two pixels of 10.95 MW each at 54.016 N, 128.676 W and 54.012 N, 128.685 W, 0.9–1.4 km south of the plant's usual night flare spot (54.025 N, 128.682 W).
Why it is a lead: Every earlier detection there (9, on 20–26 Oct) was at night and 0.4–1.5 MW. This one is by day, about ten times hotter, and in a different place on the site. The FIRMS watch filed it as routine because the whole site is marked persistent and two pixels are not a spike. A big flaring event at a plant still ramping up is plausible; the data cannot say what burned.
What would settle it: LNG Canada or the BC Energy Regulator: any flaring, upset or maintenance notice for 29 Oct; local reporting in Kitimat.

L2. The Tunisian military C-130J at St. John's (carried from SITREP 018, L1)
Z21122 (TUN82), on the ground at St. John's at 20:29 UTC on 29 Oct. No ADS-B after 21:07, so where it went next is not in the data.
Why it is a lead: Context, not an answer: in November 2025 a Tunisian C-130J-30 brought Airbus H125 helicopters to Langley, BC, for retrofit and flew home via St. John's (JetPhotos). A repeat of that run would explain it. Unconfirmed.
What would settle it: Its next leg (ADS-B once the archive is published); the airport or the Tunisian embassy.

L3. Djibouti: the first-time hot spot beside the main road (carried from SITREP 017, L2)
11.556–11.557 N, 43.050–43.052 E; 28 Oct 10:04–10:24. No new heat and no pass over Djibouti in the 36-hour pickup.
Why it is a lead: Unchanged.
What would settle it: The next clear Sentinel-2 pass.

L4. Western Libya: the Zawiya coast night-burn spot (carried from SITREP 017, L3)
32.793–32.795 N, 12.770–12.774 E; six nights since August, last 28 Oct 00:52. No new heat; one new Sentinel-1 radar pass (29 Oct 05:13), no optical.
Why it is a lead: Unchanged; the catalogue classes it occasional, so it will never be filed as routine.
What would settle it: A clear Sentinel-2 pass; local reporting.

L5. Djibouti: the recurring daytime burn spot north of the Chabelley runway (carried from SITREP 017, L4)
4 May, 22 Jun, 6 Jul, 26 Oct. No new heat; no pass.
Why it is a lead: Unchanged.
What would settle it: CJTF-HOA / Camp Lemonnier public affairs.

L6. Carried forward, unchanged: the open leads of SITREPs 008–015 (carried from SITREP 017, L5)
As listed in SITREP 017.
Why it is a lead: Nothing in this window touches them.
What would settle it: As in the original reports.

1. Bottom line

1.1 **CFB Gagetown: quieter, and still no picture of the burn.** No detection after 29 Oct 18:21 UTC up to the 00:51 watch run. The base's last figures stand: about 25 ha burned, 12 ha still burning on 29 Oct, started by artillery fire into the Lawfield Impact Area (SITREP 018; SITREP 017's lead L1 is confirmed). The one Sentinel-2 pass of the window (29 Oct 15:30) is clear but ends at the edge of its tile about 3 km west of the fire: it does not show the burned area. **CORRELATED**

1.2 **A big daytime heat pair at LNG Canada** (Kitimat, 19:30 UTC), ten times the plant's usual and filed as routine by the watch: lead L1. **NOT IN NEWS**

1.3 **The big change scores are snow.** The four largest changes on usable passes are North Warning System radar sites in Labrador and Baffin: LAB-3 Kiglapait 0.99, BAF-4A Loks Land 0.97, BAF-3 Brevoort 0.72, BAF-2 Cape Mercy 0.55. Against baselines of 16–21 Oct, the 29 Oct passes show fresh snow, frozen lakes and long low-sun shadows (plates N1, N2), nothing built or moved. Elsewhere the largest change was Halifax harbour at 0.10. **NOTHING TO MATCH**

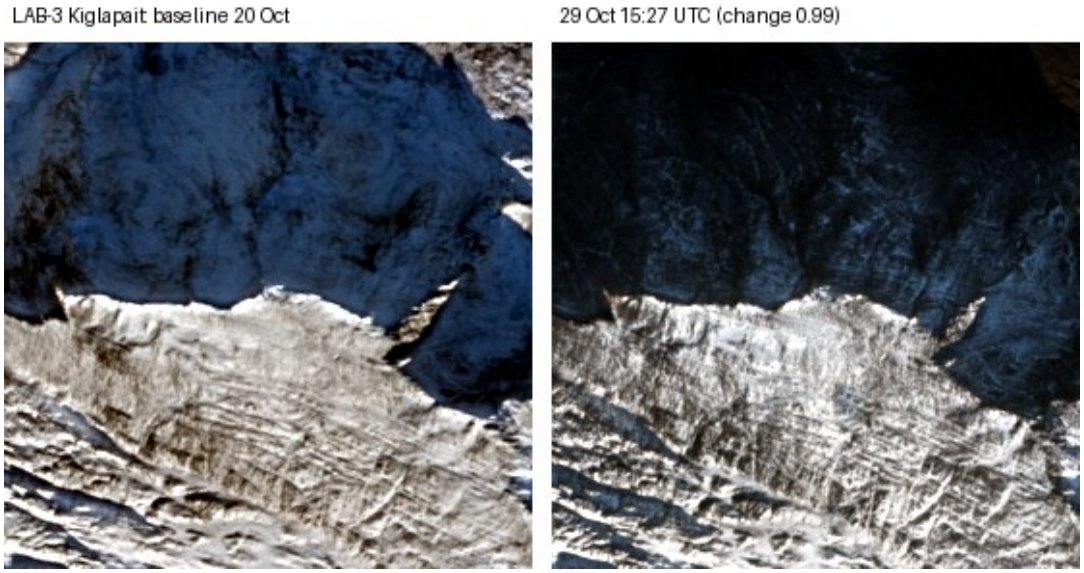
1.4 **Other heat: quiet.** The Zawiya refinery flares as every night (one 4.9 MW daytime pixel at 12:36, SITREP 018); no detection in the window at Zaporizhzhia, southern Lebanon, El Obeid, Crimea, Novorossiysk or Goma; routine flares at Ras Laffan, Bandar Abbas, Kharg and Abqaiq. **NOTHING TO MATCH**

1.5 **Watches (29 Oct issues, new).** A Spanish Air Force A400M (TK.23-07) near NAWS China Lake, 17:14–17:46 on 28 Oct (Mojave); two civil aircraft loitering near San Nicolas Island most of 28 Oct (Central Coast); an RAAF C-17 over NorCal; five Janet shuttles and SAM987 at Nellis (Vegas). Wilco Watch: radar shows three changed blocks east of the site (one the day before), no new clear optical pass, 7 cm of snow. The 30 Oct issues have no flight data (the 29 Oct ADS-B archive was not yet published): “nothing out of pattern” there means no data, not a quiet day. **NOTHING TO MATCH**

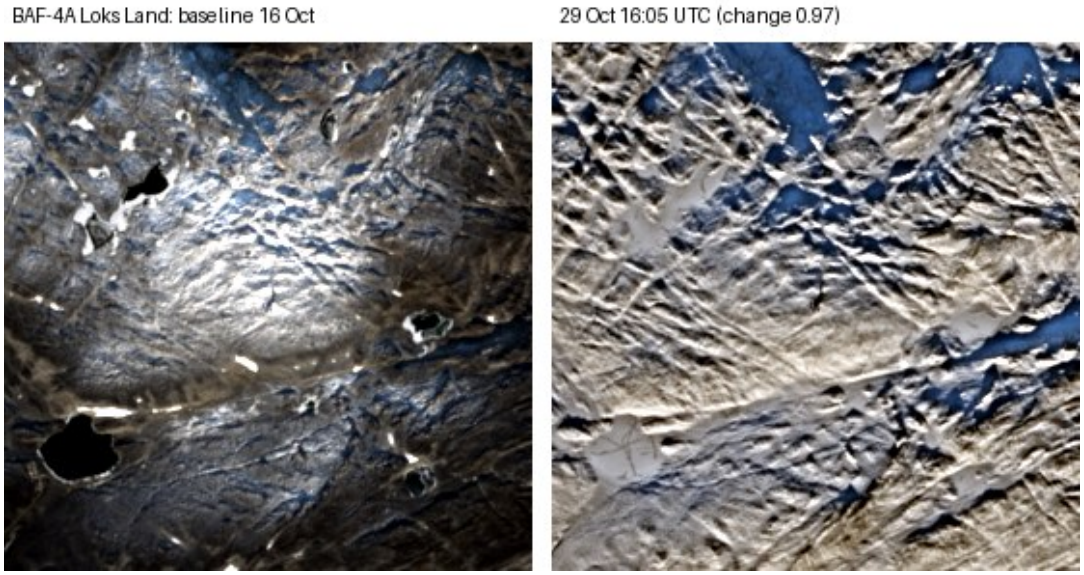
1.6 **Flights and ships.** No ADS-B after 21:07 on 29 Oct. TUN82 was last seen on the ground at St. John's (L2). AIS: the Peruvian Navy's Tacna still at Norfolk; TRK-008's “NATO WARSHIP” not heard since 28 Oct. Night lights: no new nights since 25 Oct. **NOTHING TO MATCH**

2. Imagery

Site	UTC 29 Oct	Clear	Change	Read
NWS LAB-3 Kiglapait	15:27	0.99	0.99	Snow and low sun (N1)
NWS BAF-4A Loks Land	16:05	1.00	0.97	Snow, frozen lakes (N2)
NWS BAF-3 Brevoort / BAF-2 Cape Mercy	16:05 / 16:04	1.00 / 0.97	0.72 / 0.55	Same pattern; not checked frame by frame
CFB Halifax	15:20	1.00	0.10	Harbour traffic (127 ship objects, SITREP 018)
CFB Gagetown	15:30	0.78	—	Tile edge: the fire area is outside the image; no baseline
Suez south, Aldershot, Greenwood, Goose Bay, Trenton, Ottawa, Colorado Springs	08:41–17:53	0.99–1.00	≤ 0.06	Nothing notable



N1 · NWS LAB-3 Kiglapait, Labrador: baseline 20 Oct and 29 Oct 15:27 UTC (change 0.99). Fresh snow and a lower sun.



N2 · NWS BAF-4A Loks Land, Baffin Island: baseline 16 Oct and 29 Oct 16:05 UTC (change 0.97). The dark lakes of 16 Oct are frozen and snow-covered.

2.1 **Coverage.** No pass over Djibouti (Chabelley, Camp Lemonnier, the PLA base, Douda) in the 36-hour window. Zawiya: one Sentinel-1 radar pass (05:13), no optical. Most of the Prairies, the US South-West, California and Vancouver Island were cloudy. Two passes where the new cloud mask differs most from the old (Rankin Inlet, Vandenberg SLC-6) were cloudy under both.

2.2 **Snow season.** From now on the Arctic and sub-Arctic sites will score high change against October baselines every time snow falls or melts. Until baselines are refreshed for winter, a high change at a North Warning System site is not a finding on its own.

3. Live questions

3.1 Is the Gagetown fire out? No detection after 29 Oct 18:21 UTC to 00:51. Not confirmed out; the base has not updated since 29 Oct.

3.2 How big is the Gagetown burn? The base says about 25 ha. Our image check waits for a pass that covers the impact area.

3.3 What flared at LNG Canada? Open (L1).

3.4 Where did TUN82 go? Open (L2); no ADS-B yet.

3.5 House check (29 Oct 12:20 UTC): primerogueinc.com/blog has nothing on these sites.

4. Follow-ups

4.1 Gagetown: a Sentinel-2 or Landsat pass that covers the Lawfield Impact Area (tile 19TGL); give the site a baseline.

4.2 LNG Canada notices (L1); TUN82's next leg (L2).

4.3 Winter baselines for the North Warning System sites.

4.4 Pipeline: the FIRMS watch should check a persistent site's new heat against the catalogue's fire-power range, so a hot pair like LNG Canada's is flagged, not filed as routine. The FIRMS watch ran with 8.5- and 6-hour gaps instead of every 3 hours; ADS-B stops at 21:07; VIIRS granule downloads still fail (diagnostics in pipeline 0.8.5, pending).

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.

Components and plates

Component	Plate	Why not, if none
NWS change scores (LAB-3, BAF-4A)	N1, N2	BAF-3 and BAF-2: pickup images only, same pattern
CFB Gagetown	—	The only pass misses the fire area (tile edge); see SITREP 018 H1, H2
LNG Canada heat pair (L1)	—	No usable pass in the window
TUN82, Djibouti and Zawiya leads (L2–L5)	—	No new data; see SITREPs 017–018
Watches, flights, ships	—	Transponder sightings; the Watch reports carry their own plates

Sources

• RWI daily pickup 30 Oct 2026 (Copernicus Sentinel-2 L2A and Sentinel-1 RTC, Element 84 / Microsoft Planetary Computer); NASA FIRMS and the RWI FIRMS watch and heat-source catalogue; RWI Area Watches and Wilco Watch, 29–30 Oct; adsb.lol; aisstream.io; NASA Black Marble.
• CBC News, Fredericton Independent, The Canadian Press (CFB Gagetown, 28–29 Oct 2026). JetPhotos, Tunisian Air Force C-130J-30 at Vancouver, Nov 2025.
• RWI SITREPs 017–018.