

Patrol Dispatch Order

Upper Xingu Basin — Mato Grosso, Brazil

ORDER NO.	ISSUED	ORIGIN STATION	TASKS
RF-20261010-2206	2026-10-10 22:06 UTC	Peixoto de Azevedo	1

124 satellite detections in the last 24 hours were resolved into **27 distinct clearing events** and ranked by actionability. The **1** task below is the only one that fits a working day, driven from Peixoto de Azevedo and back: **474 km, 8.2 h driving, 8.9 h including time on site, about 85 L of diesel**. 1 target cannot be reached by vehicle at all.

TASKED TARGETS — IN DRIVING ORDER

1. Unclassified tenure (priority #1) · 63% forest baseline

CRITICAL · ACTIONABILITY 63.8/100

DECIMAL	DMS	ROAD DISTANCE / TRANSIT
-11.37399, -54.02958	11° 22' 26.4" S 54° 01' 46.5" W	237 km · 4.3 h

- 29 detections spanning 4.0 km, 154 MW total radiative power.
- 34% of this cell was already cleared between 2021 and 2024 — the forest figure below is corrected for that.
- 63% tree cover at baseline — this was closed forest, so the burn is consistent with clearing rather than pasture management.
- No mapped protected-area designation; verify tenure before action.
- 1–2 days old — tracks and equipment likely still present.
- 0.6 km off the nearest mapped track — plan for a foot approach.
- 62% of detections were at night — legitimate burning is largely a daytime activity.
- 237 km by road from the ranger post (1.4× the straight-line distance); est. 4.3 h one way, about 85 L of diesel round trip.

☐ Reached

☐ Activity confirmed

☐ Equipment seized

☐ Report filed

Ref C11.37S54.03W

CONSIDERED BUT NOT TASKED

- Priority #3 at -12.3728, -53.3890 (Parque Indígena do Xingu) — no vehicle route exists; requires air or river access.
- Priority #2 at -10.7823, -54.1026 — ranked for patrol but does not fit within the driving day; carry forward.
- Priority #4 at -10.3978, -53.8104 — ranked for patrol but does not fit within the driving day; carry forward.
- Priority #5 at -12.4128, -54.3629 — ranked for patrol but does not fit within the driving day; carry forward.

Planning assumptions: 9 h driving day, 0.75 h on site per target, 18 L/100 km on unsealed road. Travel times are estimated from road class and do not account for river crossings, seasonal closures or tracks absent from OpenStreetMap.