PROJECTOR SLIDE

The Siverskyi Donets Crossings

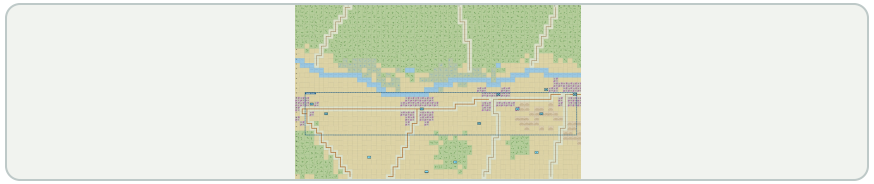
Bilohorivka, Serebrianka and Dronivka, on the Siverskyi Donets, Luhansk and Donetsk Oblasts, Ukraine · 5 to 13 May 2022

Learning objectives

- Compare observation and losses around the modeled river crossings with DFRLab's imagery analysis, identifying the crossing-construction and engineering details that this simulation does not reproduce.
- Describe how reconnaissance supplies contacts for automatic artillery engagement in the model, and distinguish its completed contact-to-kill timings from an independently verified historical detection sequence.
- Evaluate how finite reconnaissance flights and artillery ammunition affect the three modeled waves; explain why the compressed run is not a reconstruction of several days of battery relocation.



Scenario illustration · AI generated



Student map · own side only · Simulation situation map · reconstructed terrain and estimated deployments; not verified historical positions.

Run and debrief

6 minutes 0 seconds at 1×. Break the Russian crossings. Put at least 17 of the Russian units out of action over the three crossing attempts, and do not let them settle on the south bank between Dronivka and Bilohorivka. Use your reconnaissance drones to find the pontoon groups through the smoke and give your artillery targets.

Which result differed from history, and what evidence or model assumption explains it?

Atrocity notice · 2023-03-16 · UN Commission of Inquiry: war crimes in Ukraine

These reports describe the wider conflict. They do not establish that every crime occurred in this modeled battle.

Study is not endorsement. Never target civilians, hospitals, schools or places of worship. Report civilian harm. Terrorist forces and Wagner: computer controlled. Gaza events and civilian massacres: excluded.