

Total Liberated Ukrainian Territory as of November 12, 2022, 3:00 PM ET



* Assessed Russian advances are areas where ISW assesses Russian forces have operated in or launched attacks against but do not control.

Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of November 13, 2022, 3:00 PM ET



Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, Daniel Mealie, and Will Kielm
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Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of November 10, 2022, 3:00 PM ET



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Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of November 9, 2022, 3:00 PM ET



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Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of November 8, 2022, 3:00 PM ET



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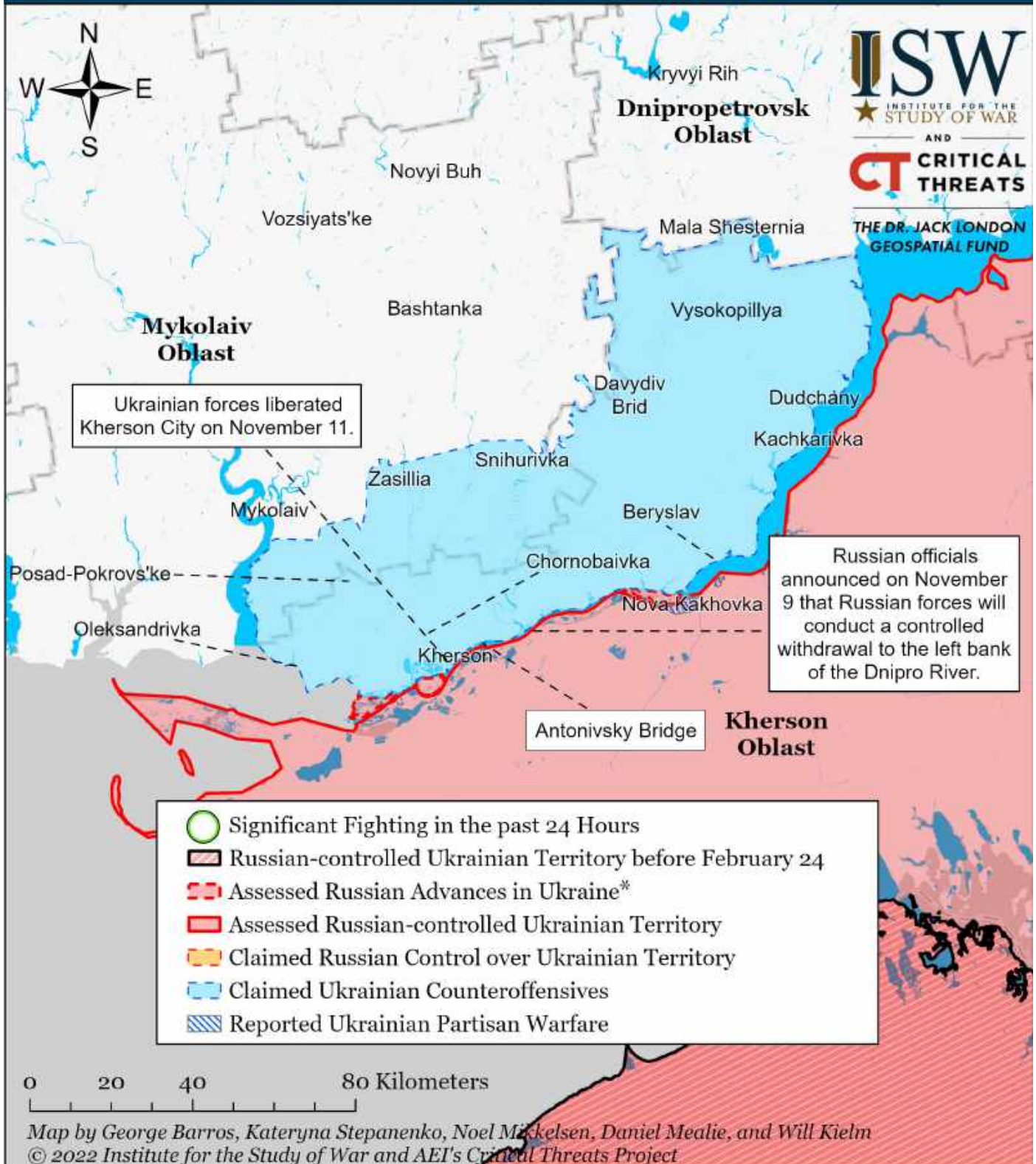
Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of November 7, 2022, 3:00 PM ET



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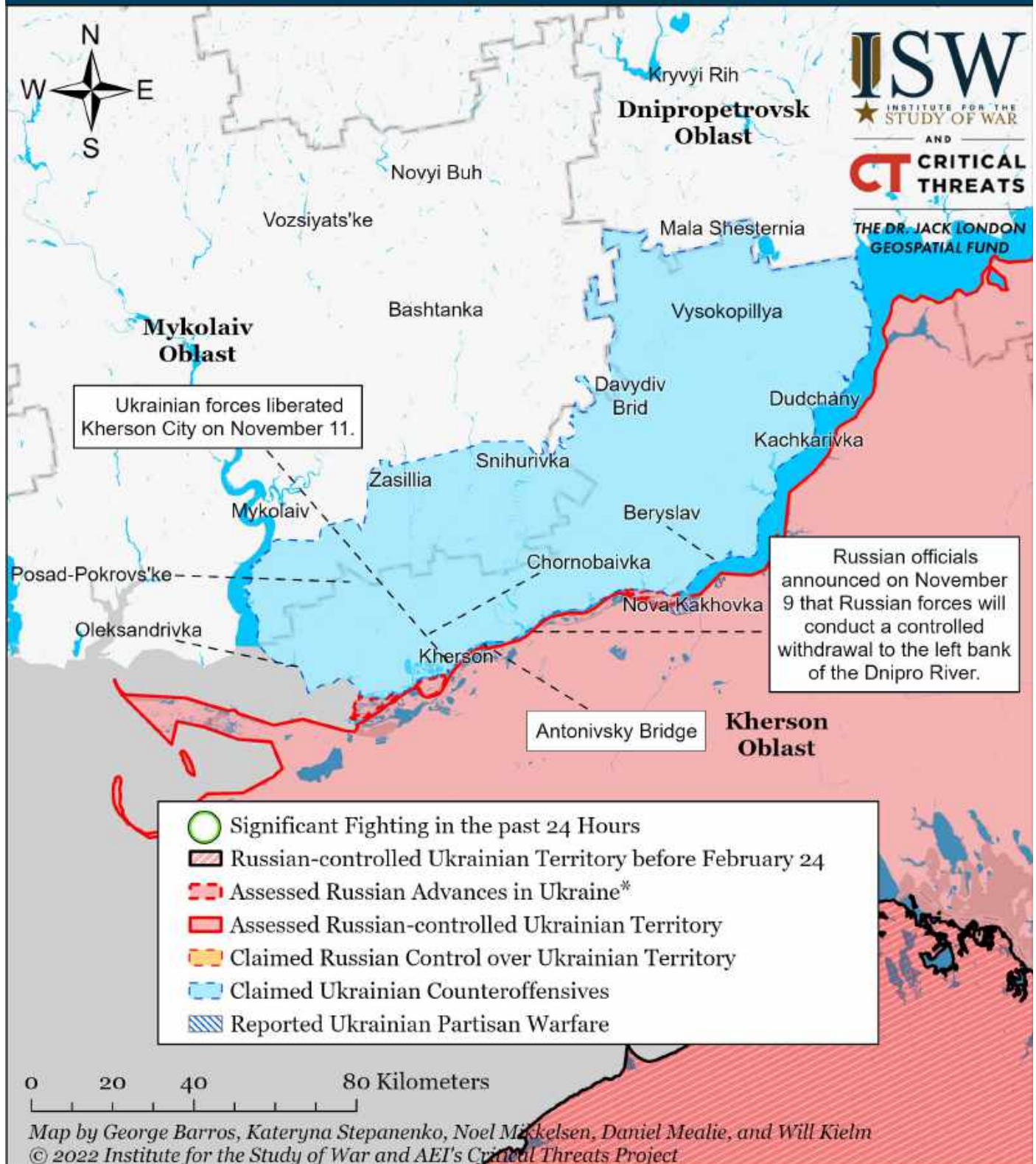
Assessed Control of Terrain Around Kherson and Mykolaiv as of November 13, 2022, 3:00 PM ET



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ISW expanded Ukrainian counteroffensives to all of right bank Kherson Oblast on November 11 based on geolocated footage of Ukrainian forces liberating Kherson City and settlements north of the Dnipro River. Russian forces partially destroyed the Kakhovka and Antonivsky bridges, which indicates that Russian forces are not intending to hold positions on the right (western) bank. ISW assesses with high confidence that Ukrainian forces will clear the remaining settlements along the western bank of the river in the coming days, although some Russian troops may have remained behind to conduct partisan operations. ISW is not ready to reassess control of the various islands near the west bank of the river.

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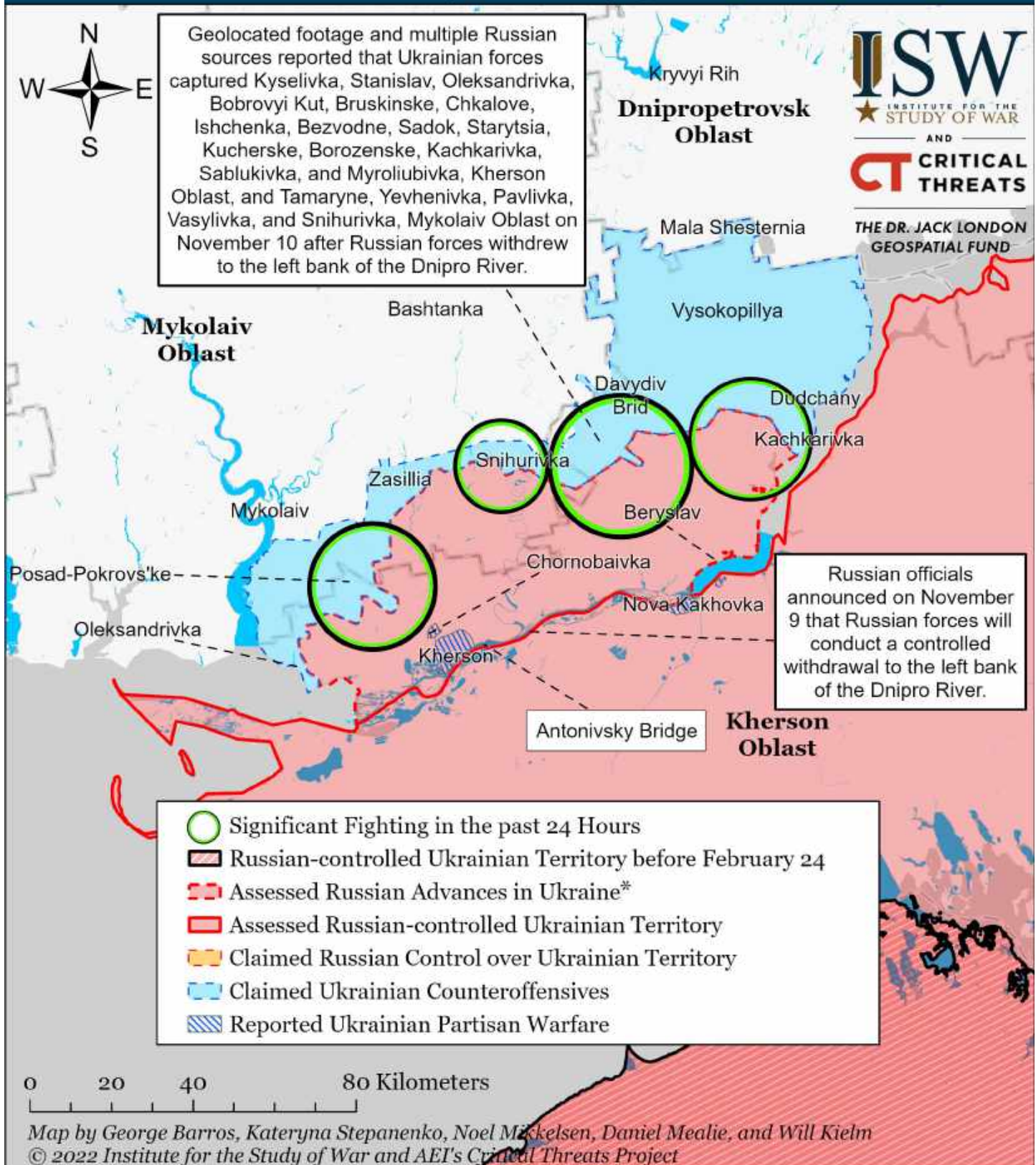
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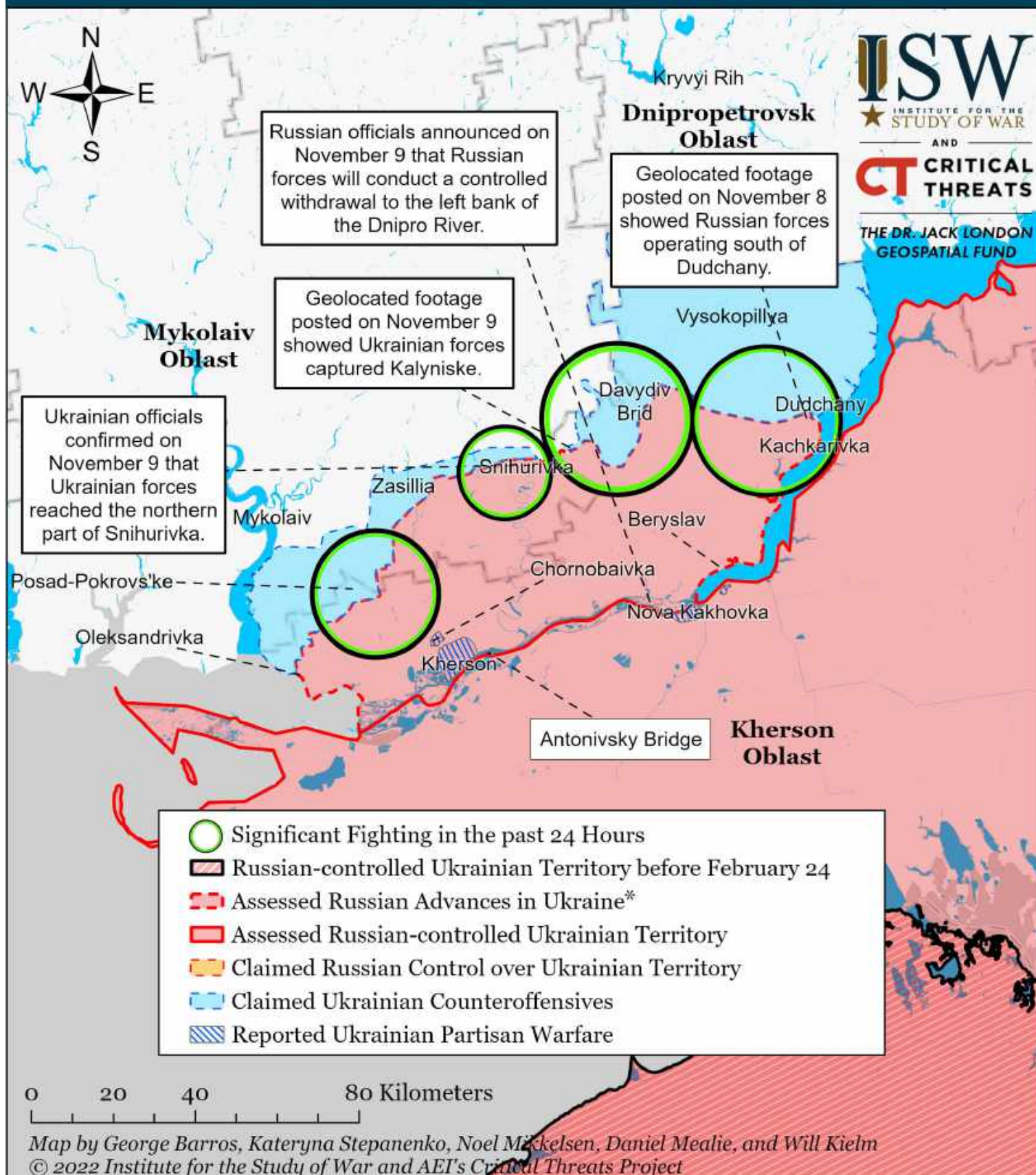
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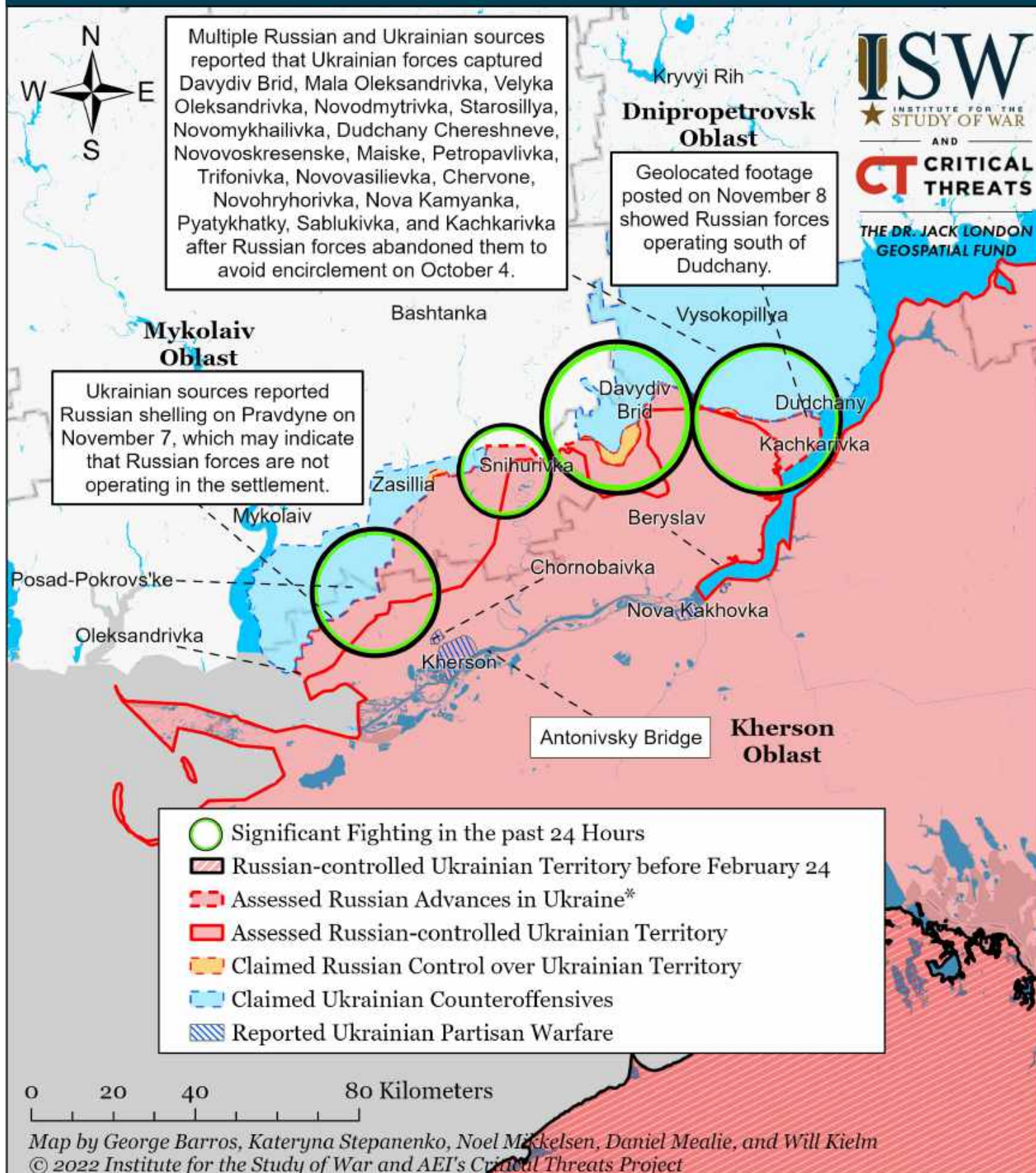
Ukrainian Commander-in-Chief Valery Zaluzhny stated on November 10 that since October 1, Ukrainian forces liberated 41 settlements in the Kherson City direction. Zaluzhny also stated that during the past day in the direction of Petropavlivka-Novoraysk, Ukrainian forces advanced by 7 kilometers and liberated 6 settlements (107 square kilometers of territory). ISW will update our maps and list of liberated settlements as we receive more information.

Assessed Control of Terrain Around Kherson and Mykolaiv as of November 9, 2022, 3:00 PM ET



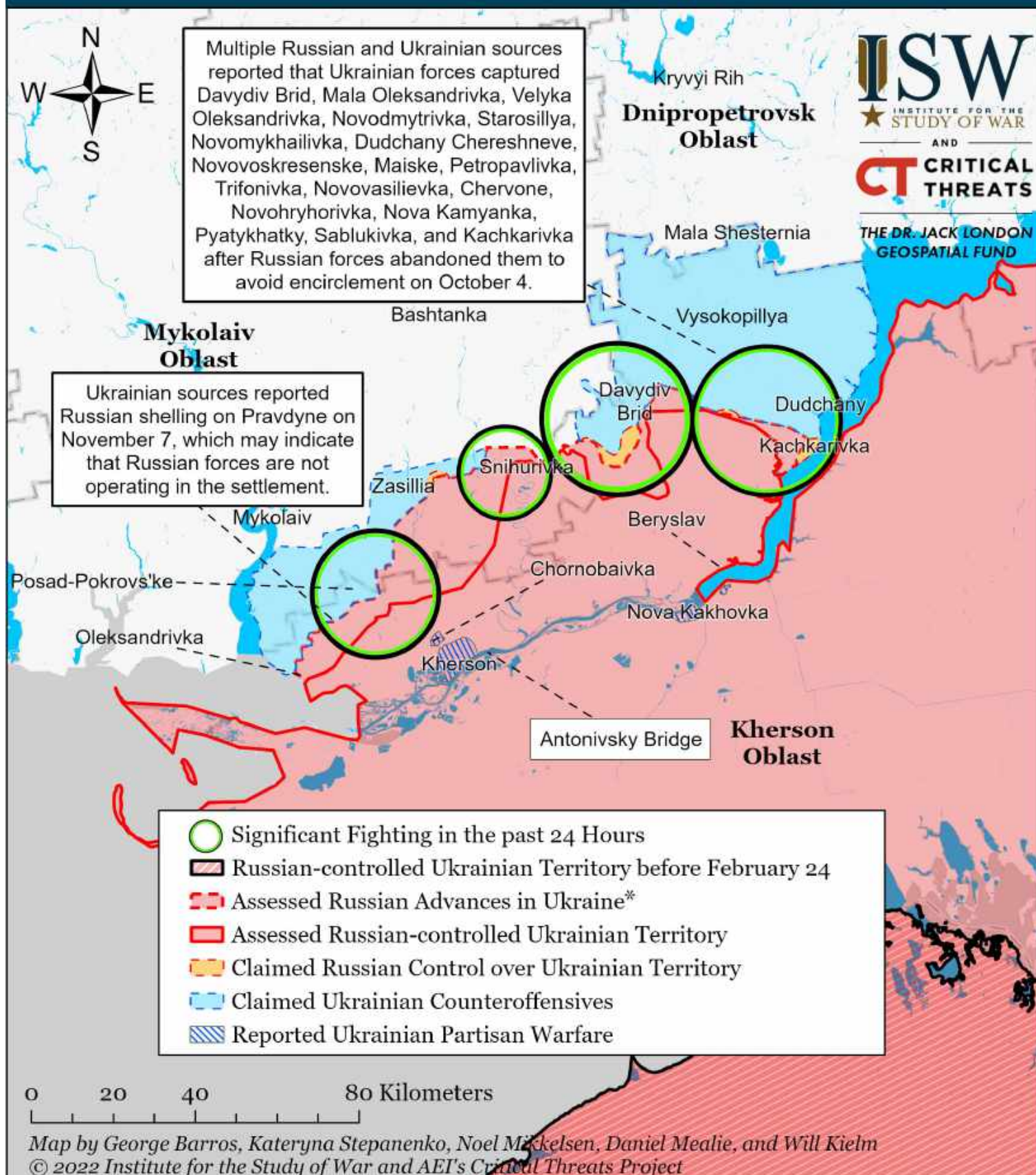
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Assessed Control of Terrain Around Kherson and Mykolaiv as of November 8, 2022, 3:00 PM ET



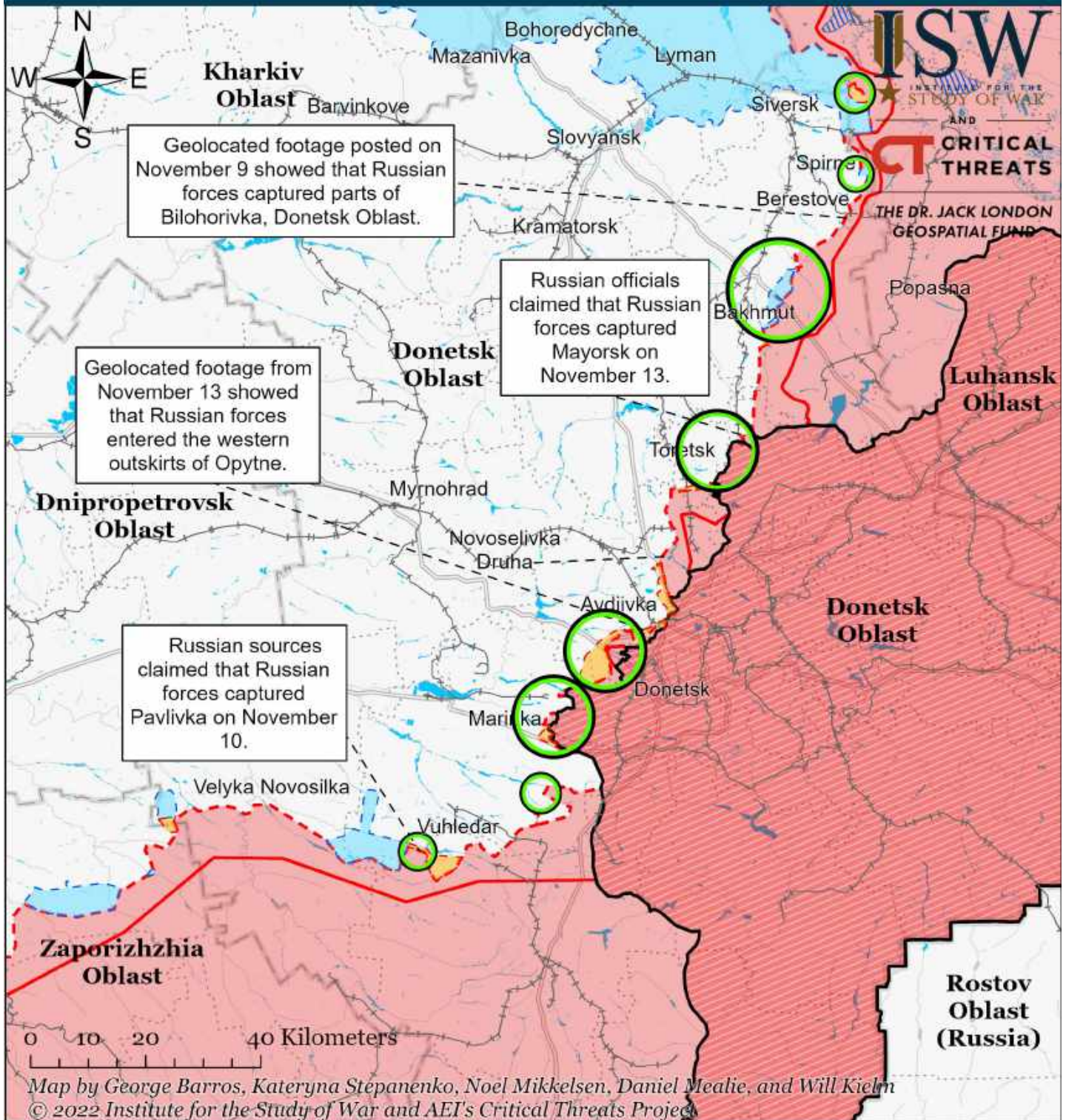
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Assessed Control of Terrain Around Kherson and Mykolaiv as of November 7, 2022, 3:00 PM ET



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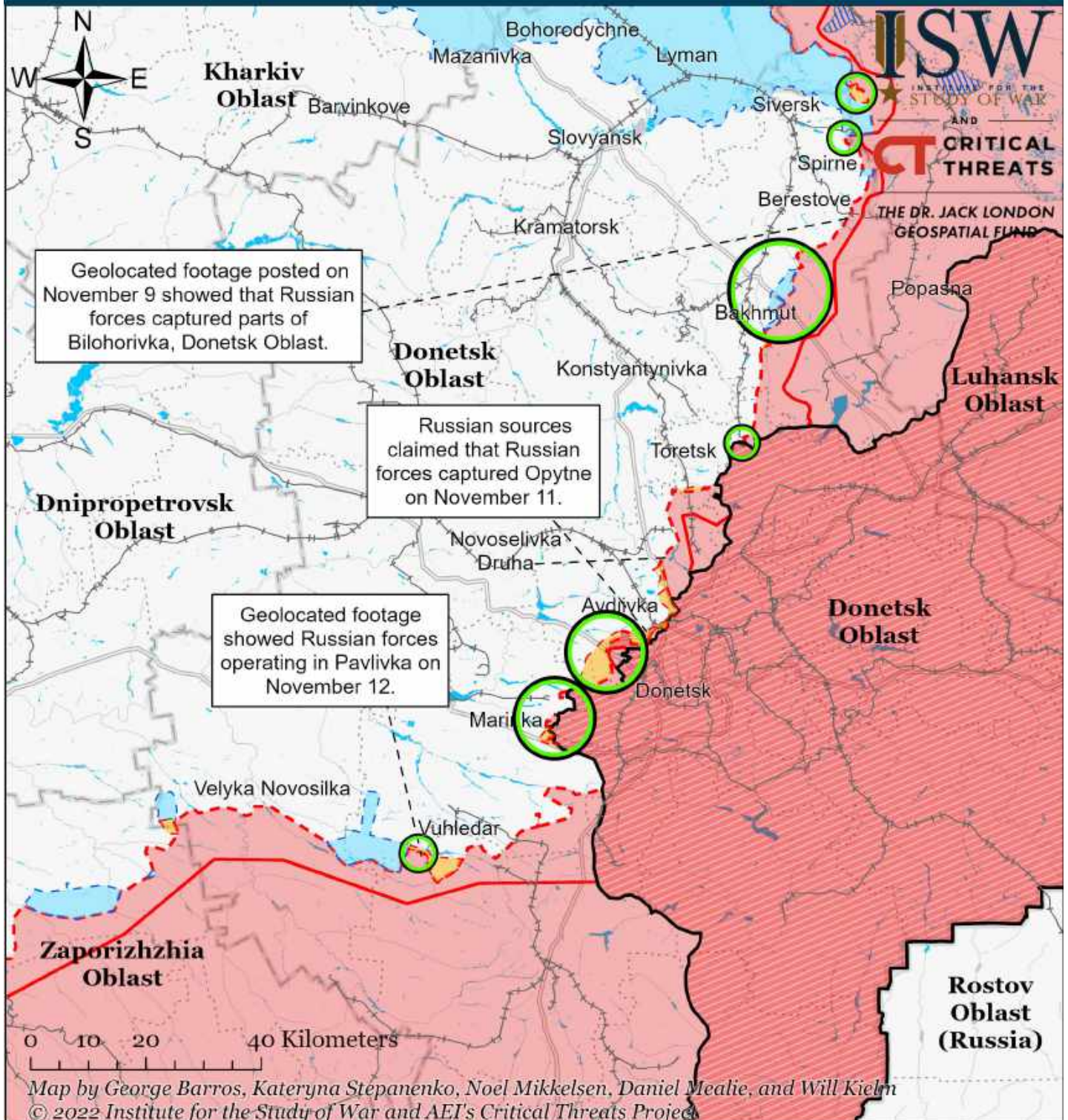
Assessed Control of Terrain Around Donetsk as of November 13, 2022, 3:00 PM ET



- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
- Major Railroads
- Assessed Russian Advances in Ukraine*
- Claimed Ukrainian Counteroffensives

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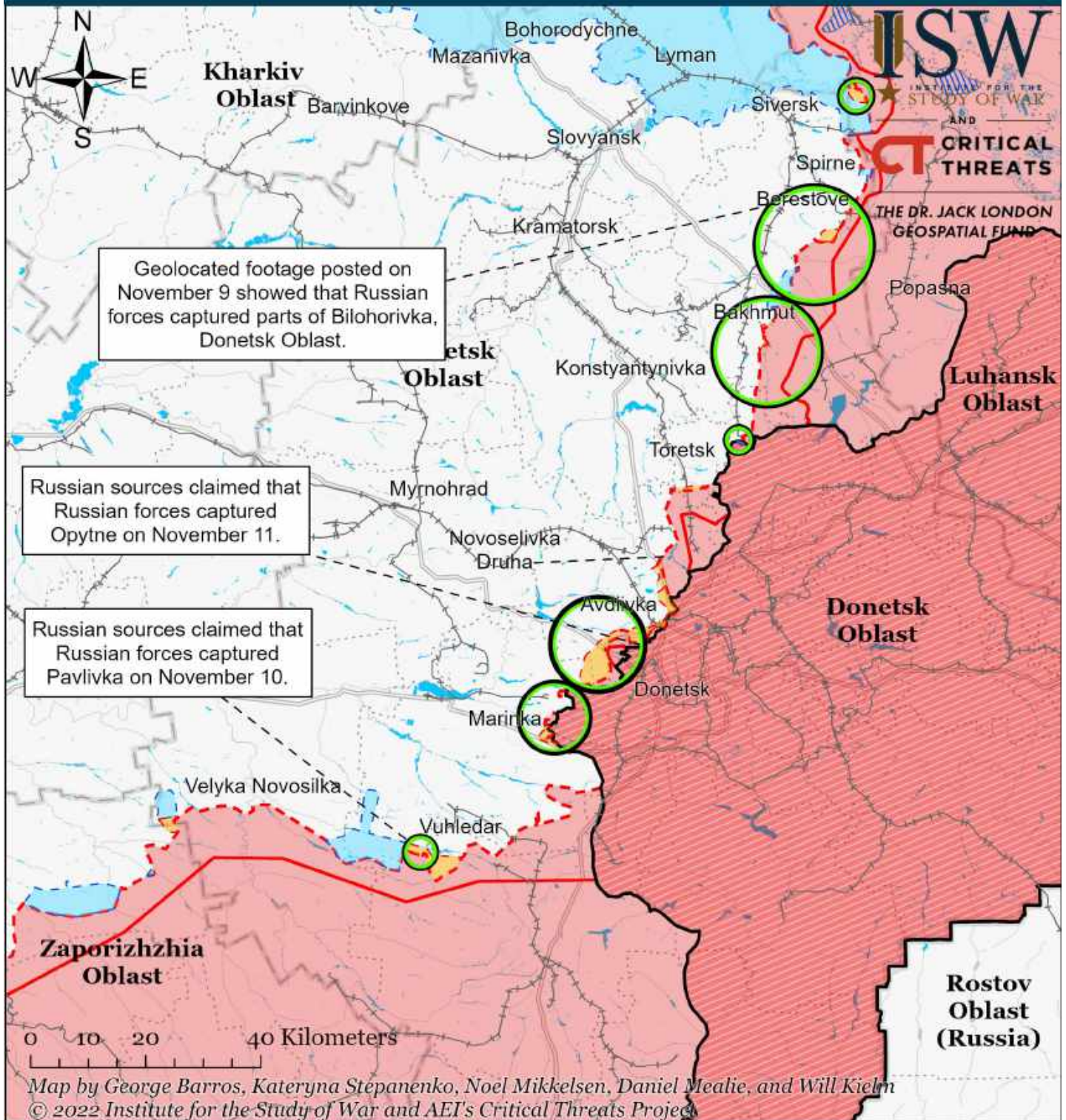
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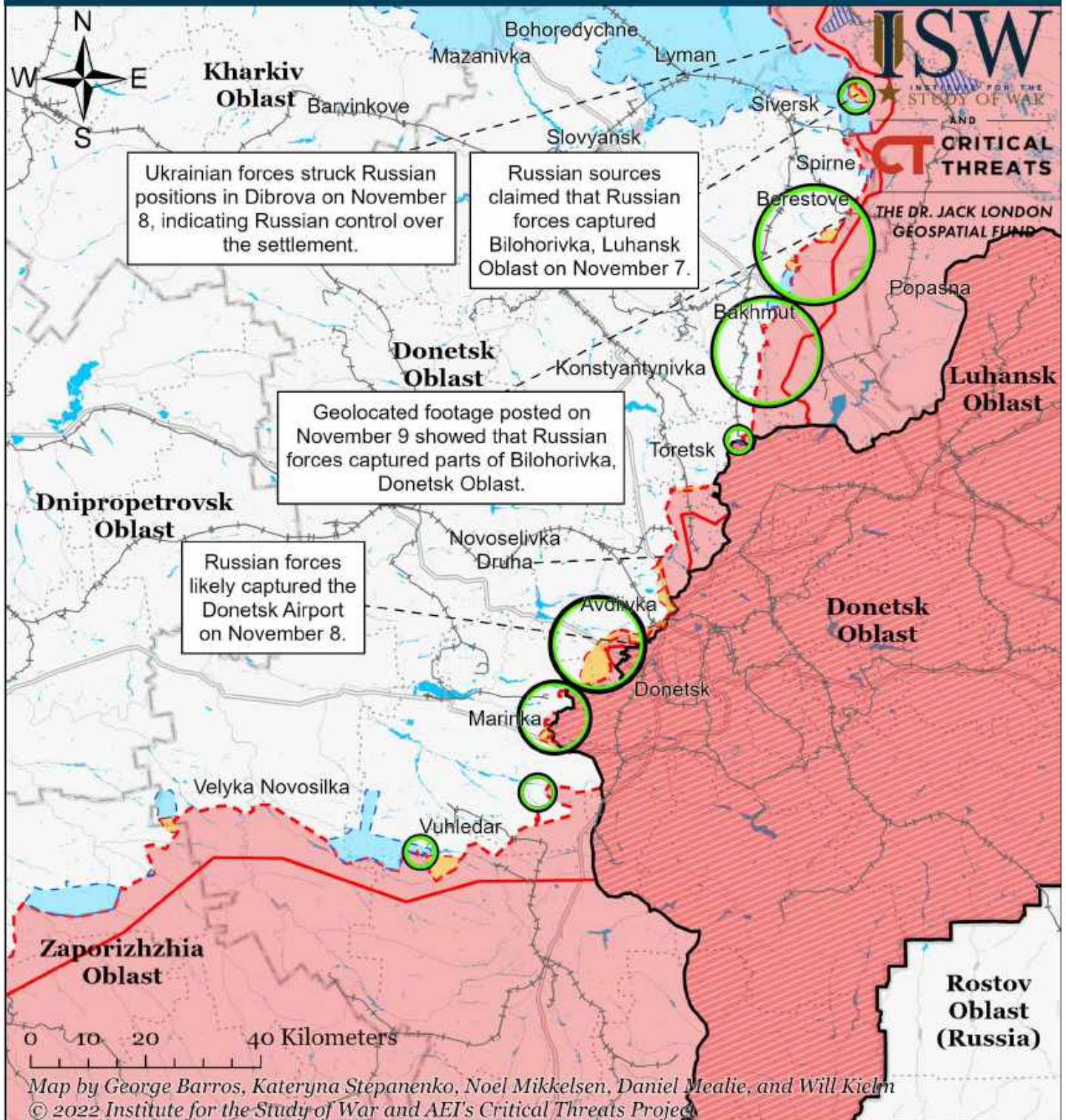
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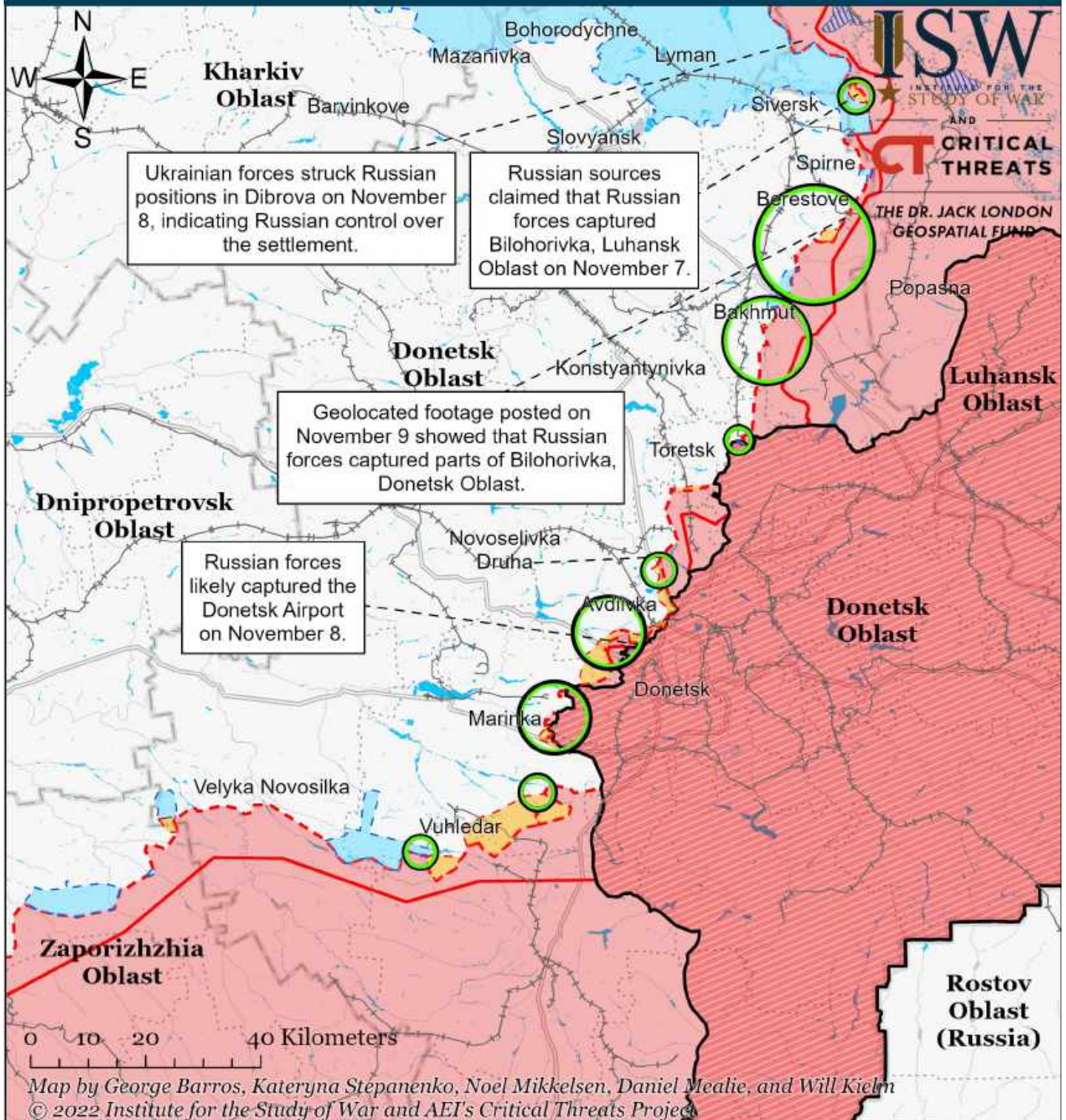
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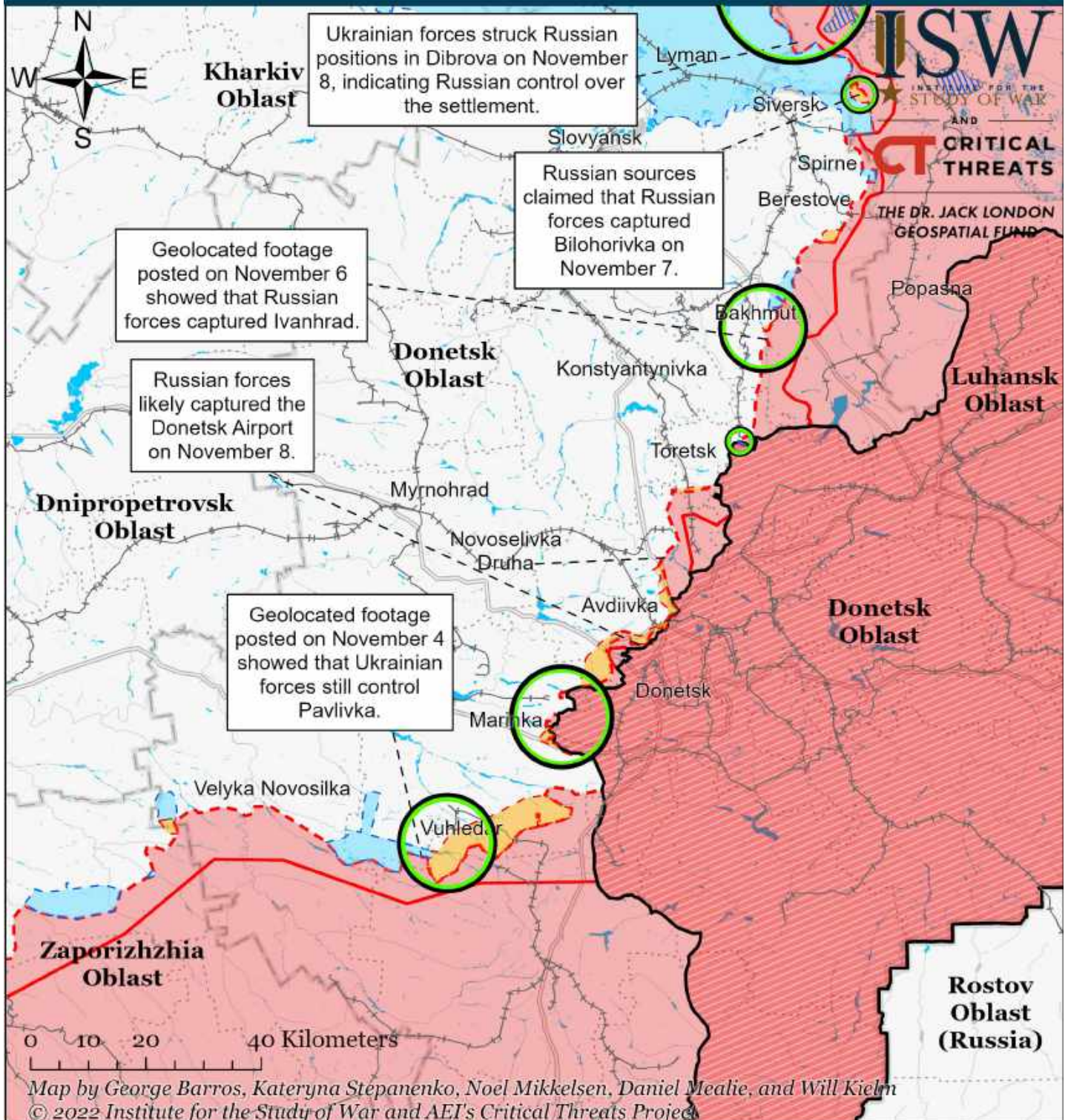
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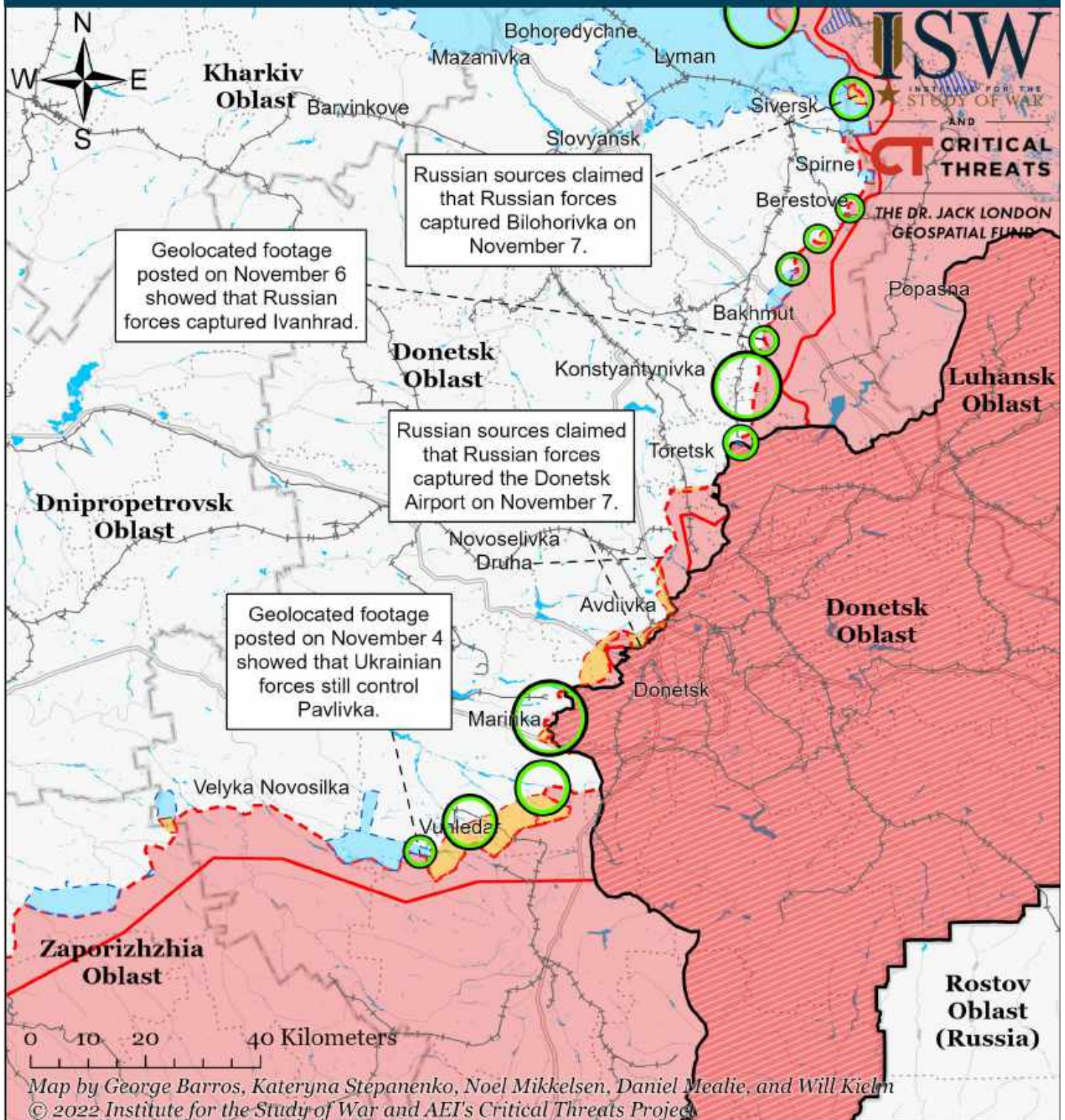
Assessed Control of Terrain Around Donetsk as of November 8, 2022, 3:00 PM ET



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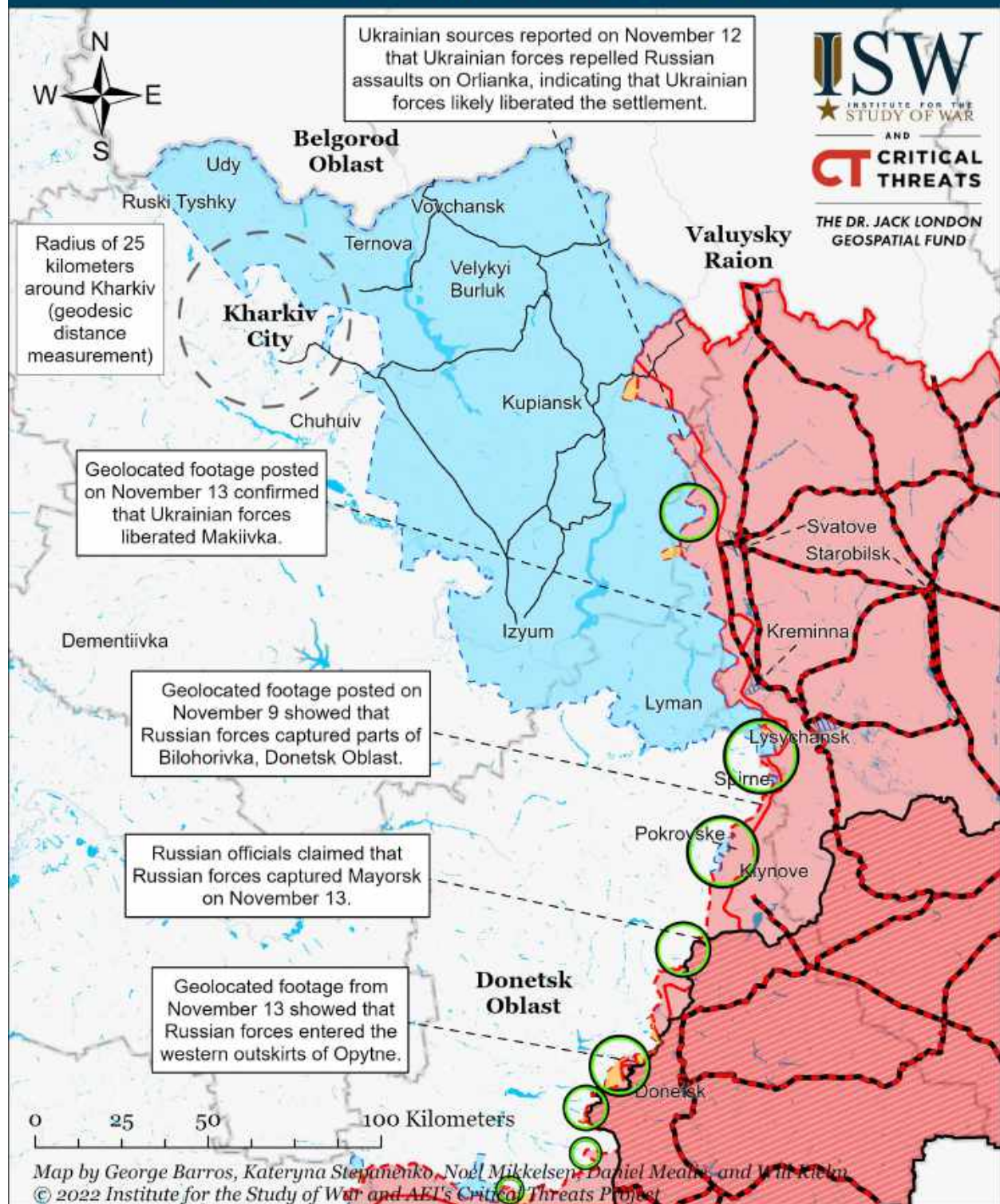
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Assessed Control of Terrain Around Kharkiv as of November 13, 2022, 3:00 PM ET



○ Significant Fighting in the past 24 Hours

— Key Ukrainian Roads

— Russian Ground Lines of Communication

▨ Russian-controlled Ukrainian Territory before February 24

▨ Assessed Russian Advances in Ukraine*

▨ Assessed Russian-controlled Ukrainian Territory

▨ Claimed Russian Control over Ukrainian Territory

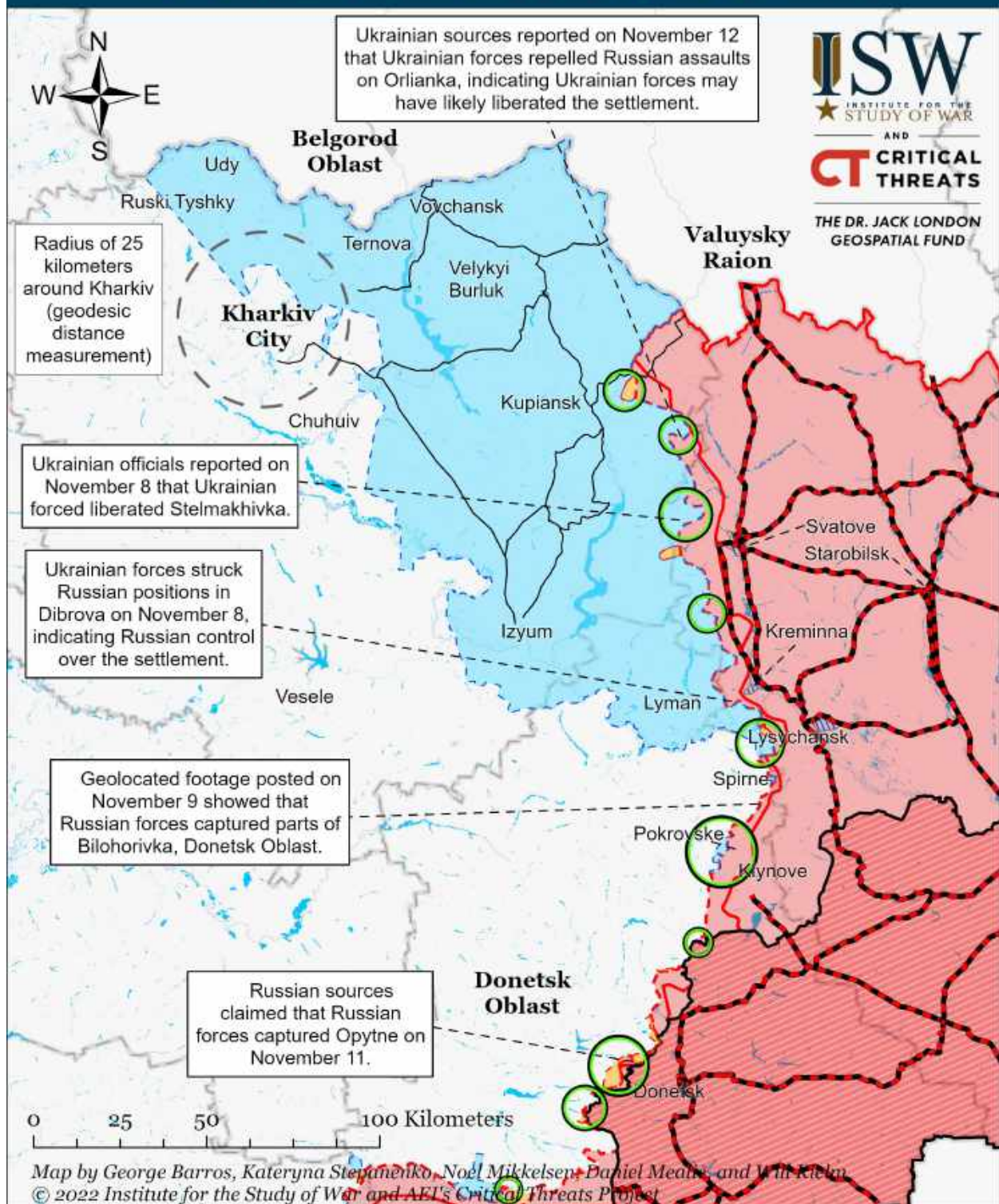
▨ Claimed Ukrainian Counteroffensives

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Ukrainian General Staff's Brigadier General Oleksiy Hromov stated on November 10 that Ukrainian forces advanced in Luhansk Oblast by two kilometers on the night of November 9 and 10. ISW will update our maps when independent sources disclose the area of Ukrainian advance.

Assessed Control of Terrain Around Kharkiv as of November 12, 2022, 3:00 PM ET



ISW
INSTITUTE FOR THE
STUDY OF WAR
AND
CT CRITICAL
THREATS
THE DR. JACK LONDON
GEOSPATIAL FUND

○ Significant Fighting in the past 24 Hours

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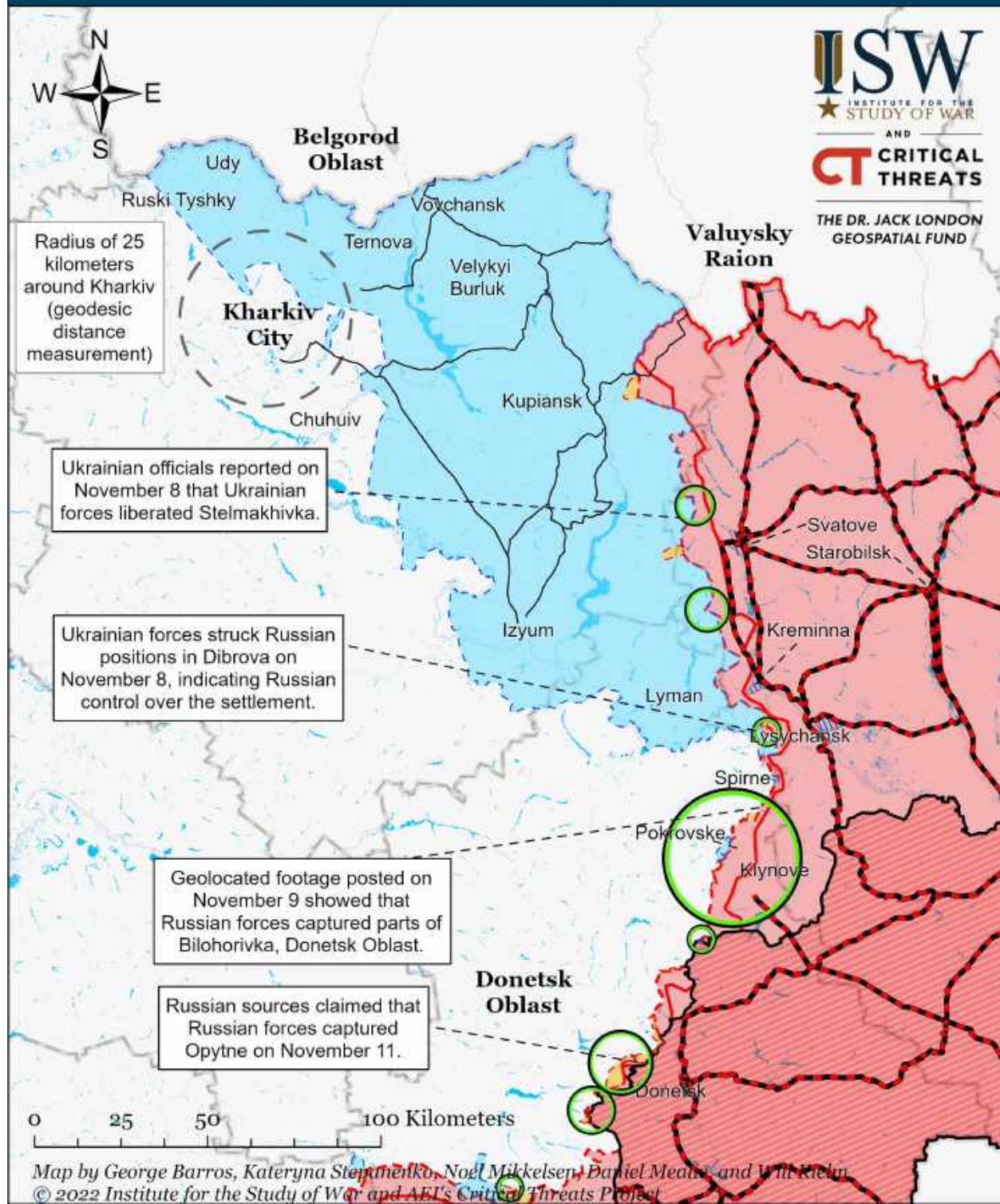
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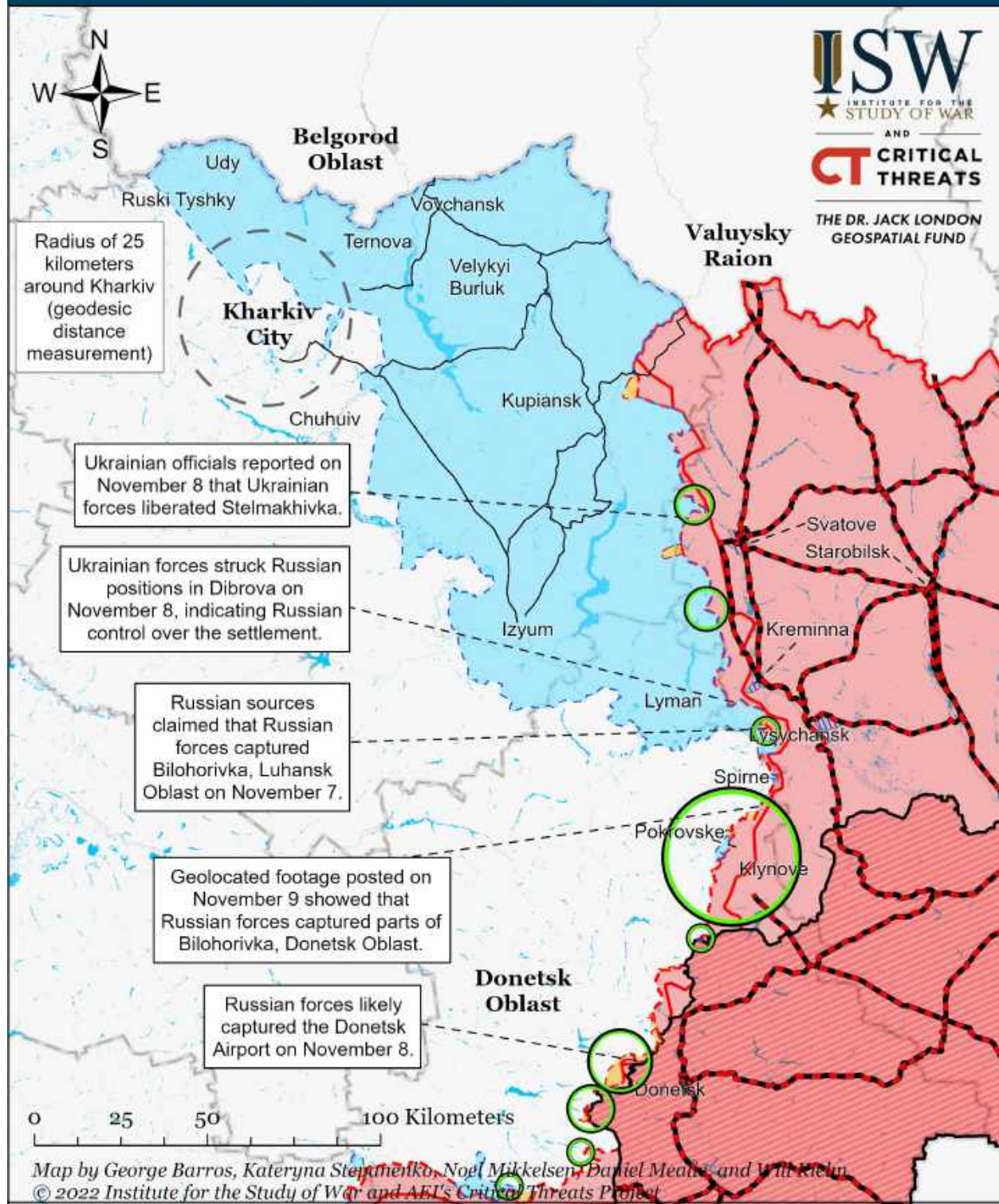


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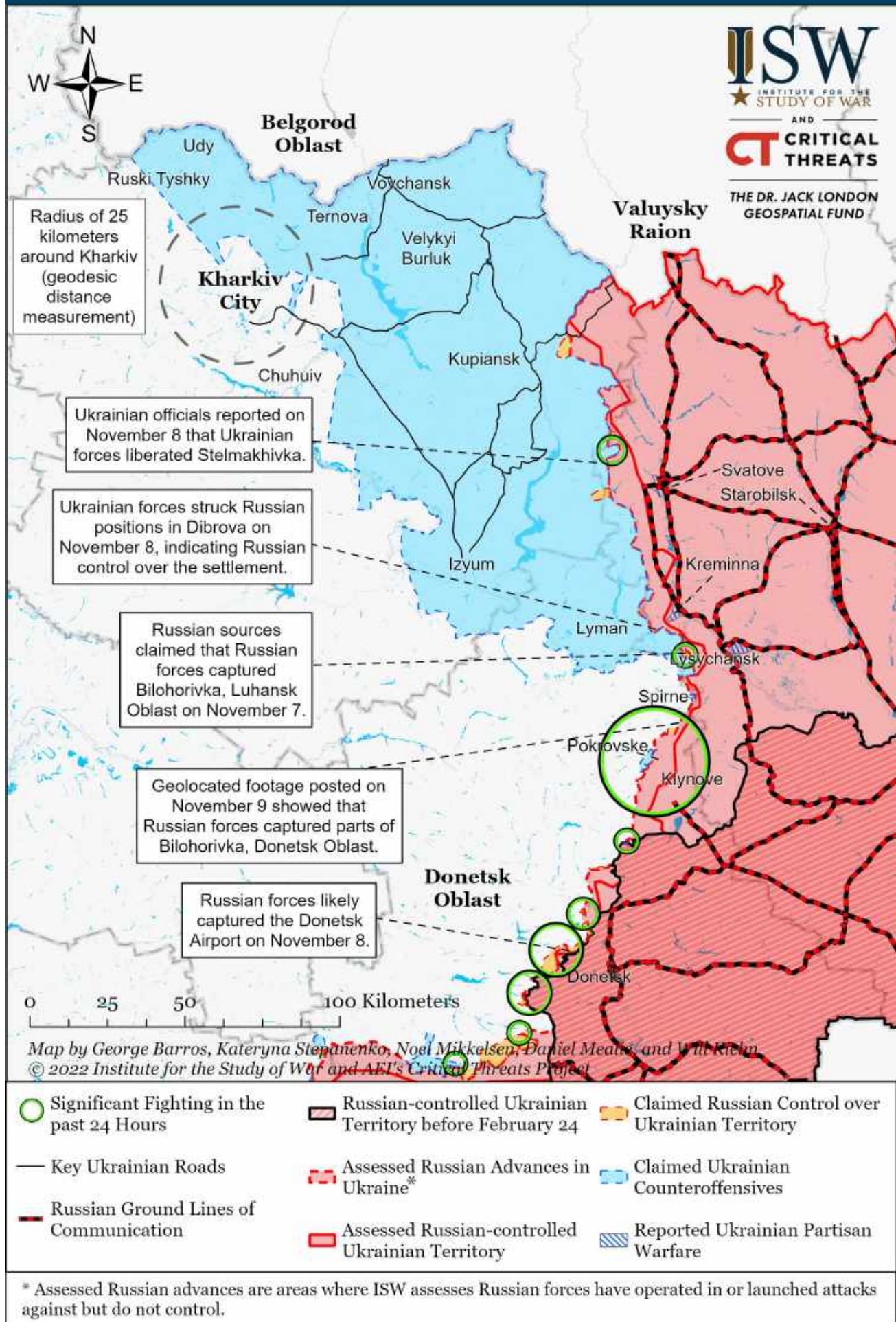


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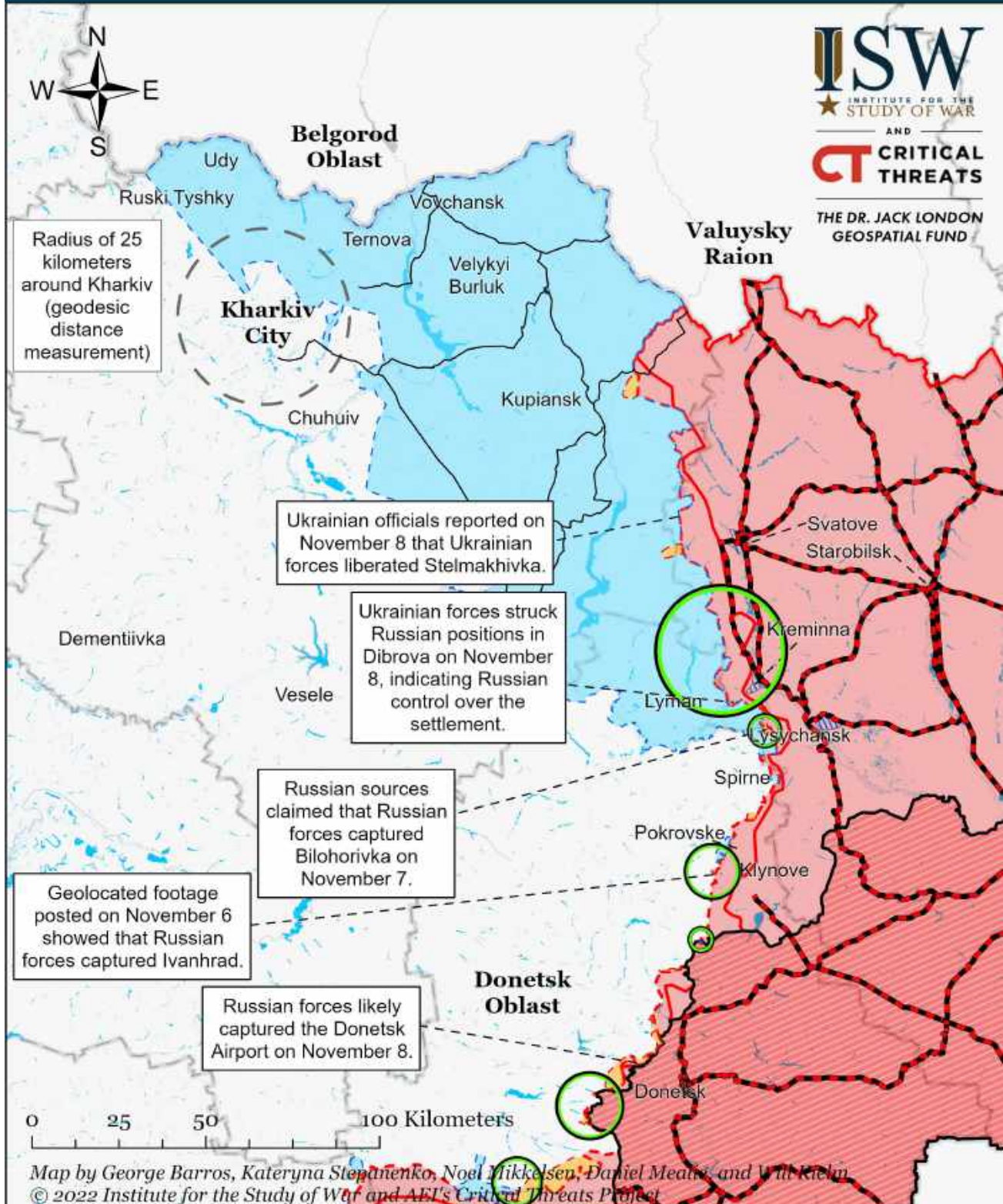
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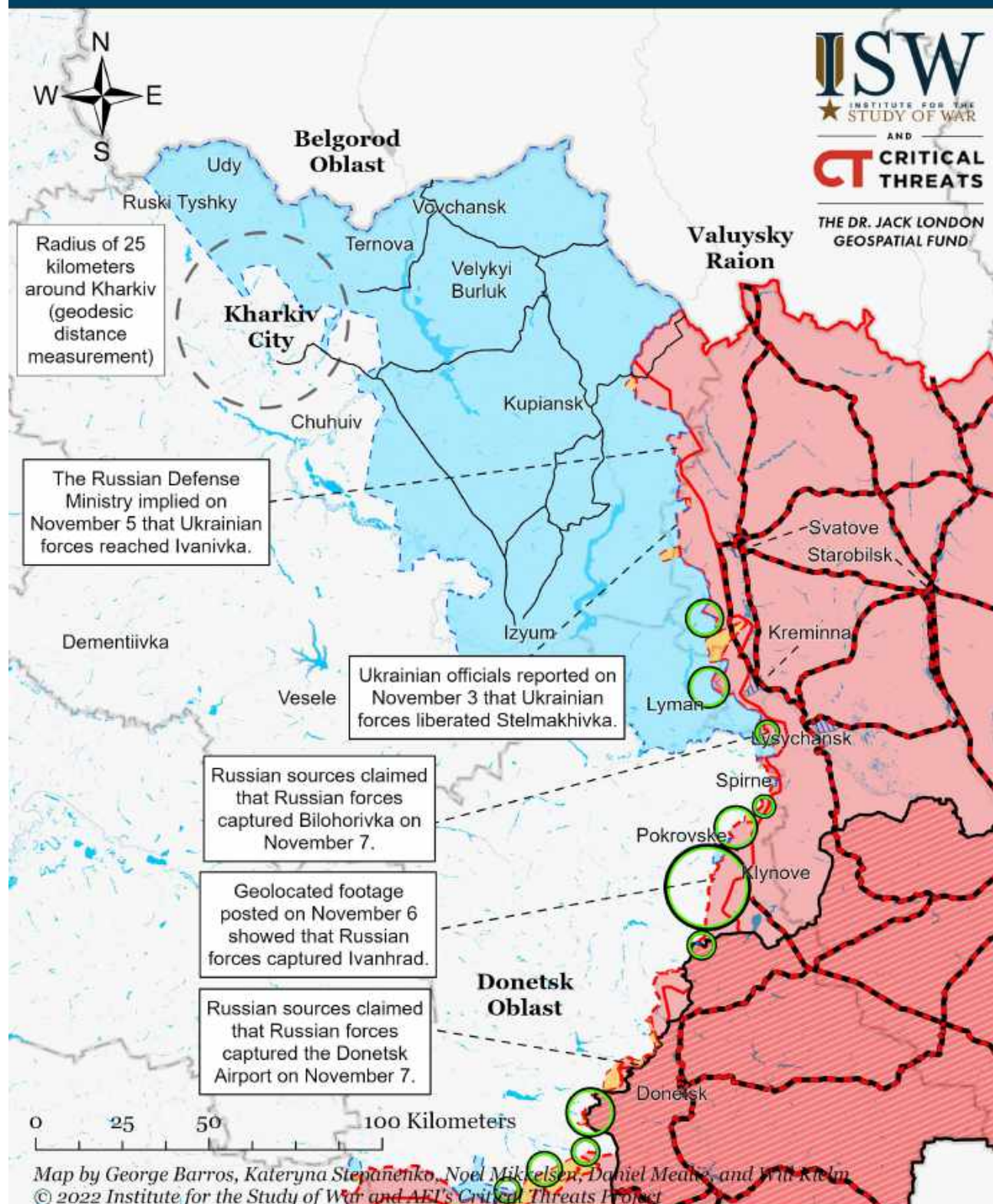
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