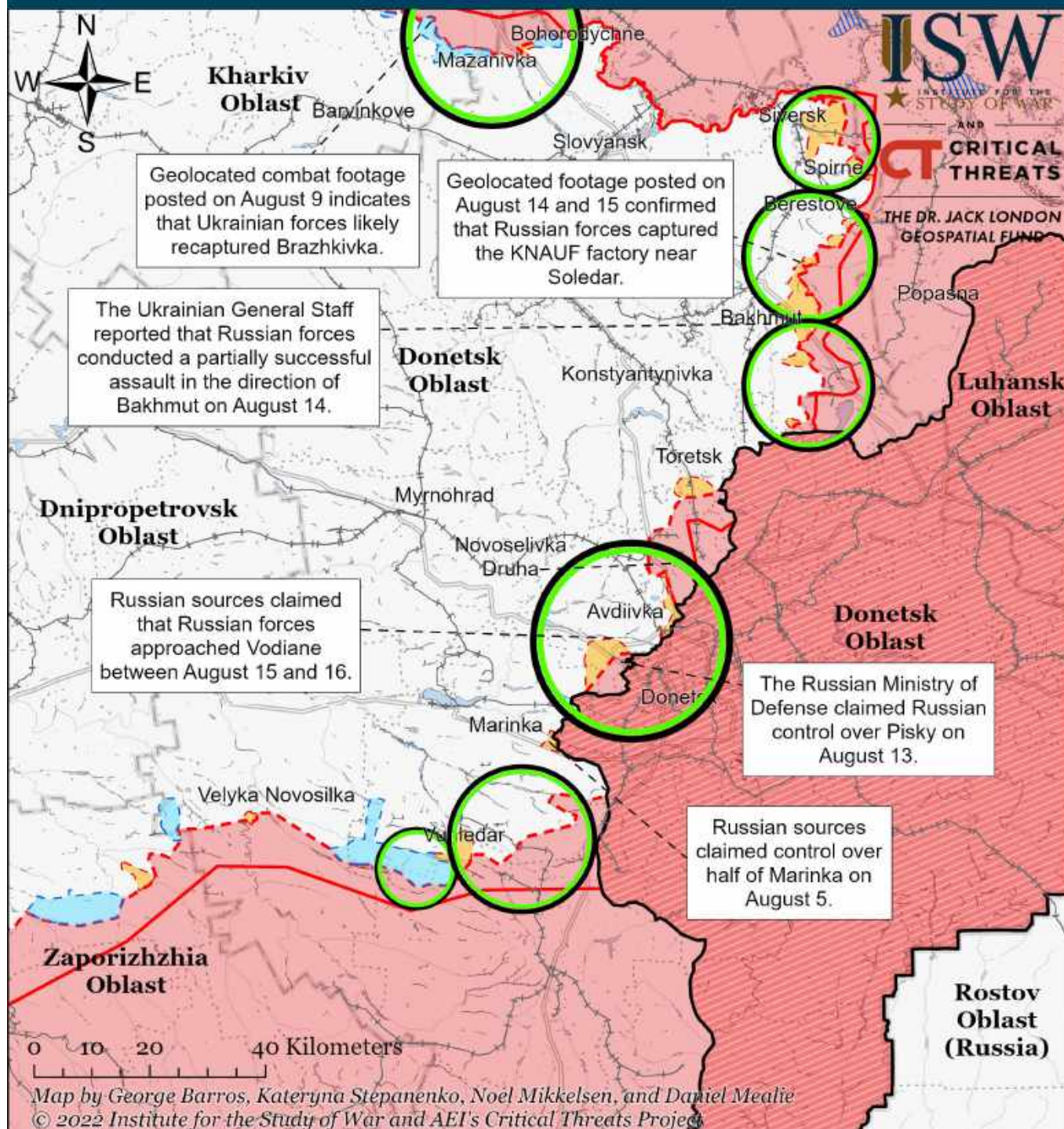


Assessed Control of Terrain Around Donetsk as of August 17, 2022, 3:00 PM ET

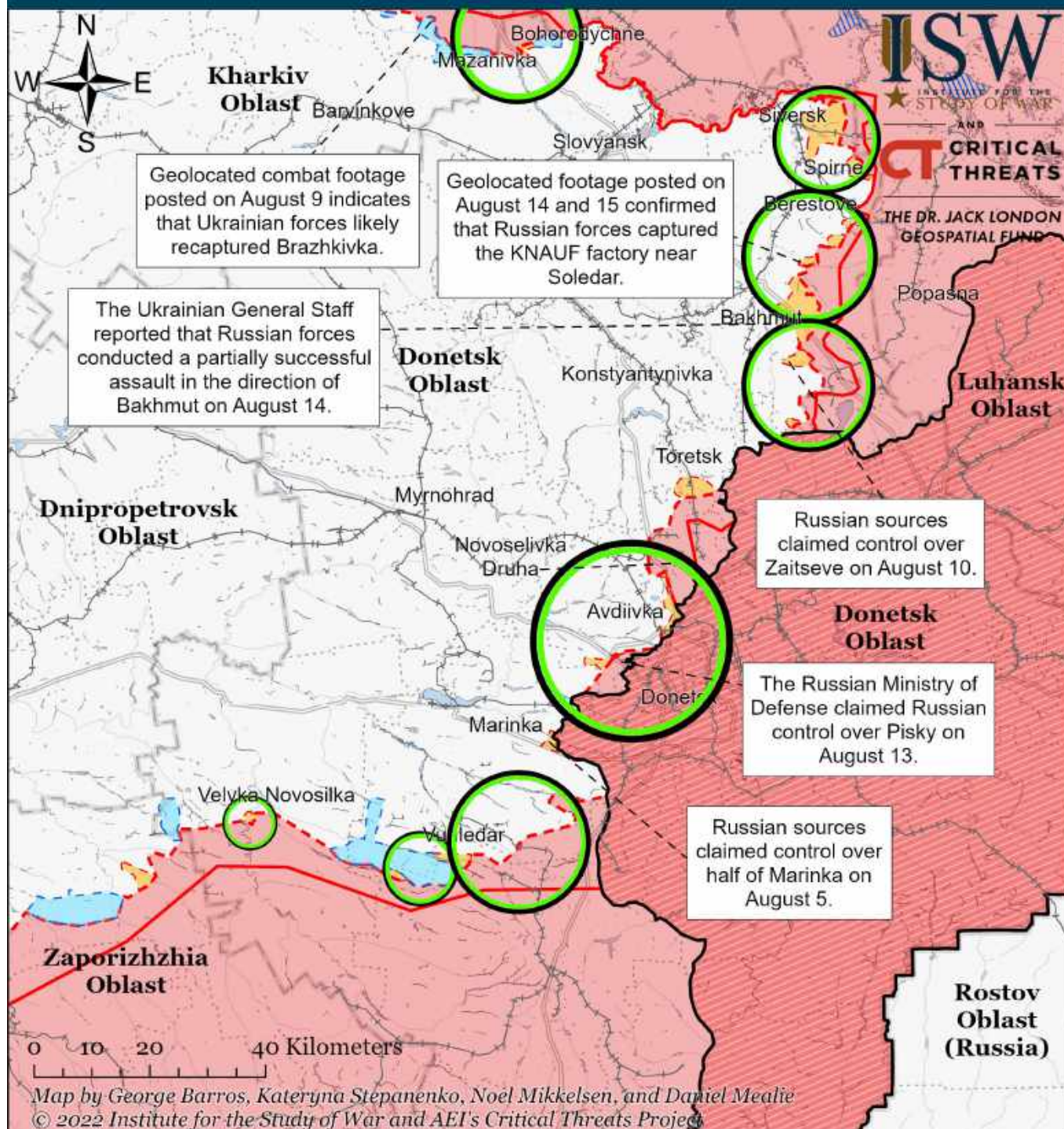


- Significant Fighting in the past 24 Hours
- Russian-controlled Ukrainian Territory before February 24
- Assessed Russian Advances in Ukraine*
- Assessed Russian-controlled Ukrainian Territory
- Claimed Russian Control over Ukrainian Territory
- Claimed Ukrainian Counteroffensives
- Reported Ukrainian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

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

Note: ISW expanded Russian control of terrain over Semihirya given that Ukrainian General Staff Deputy Chief of Main Operational Department Oleksiy Gromov confirmed on August 4 that Ukrainian forces withdrew from the settlement on July 30. Gromov also confirmed on August 4 that Ukrainian forces left their positions around Butivka Coal Mine on July 30, but Russian forces likely seized Ukrainian positions on August 2.

Assessed Control of Terrain Around Donetsk as of August 16, 2022, 3:00 PM ET

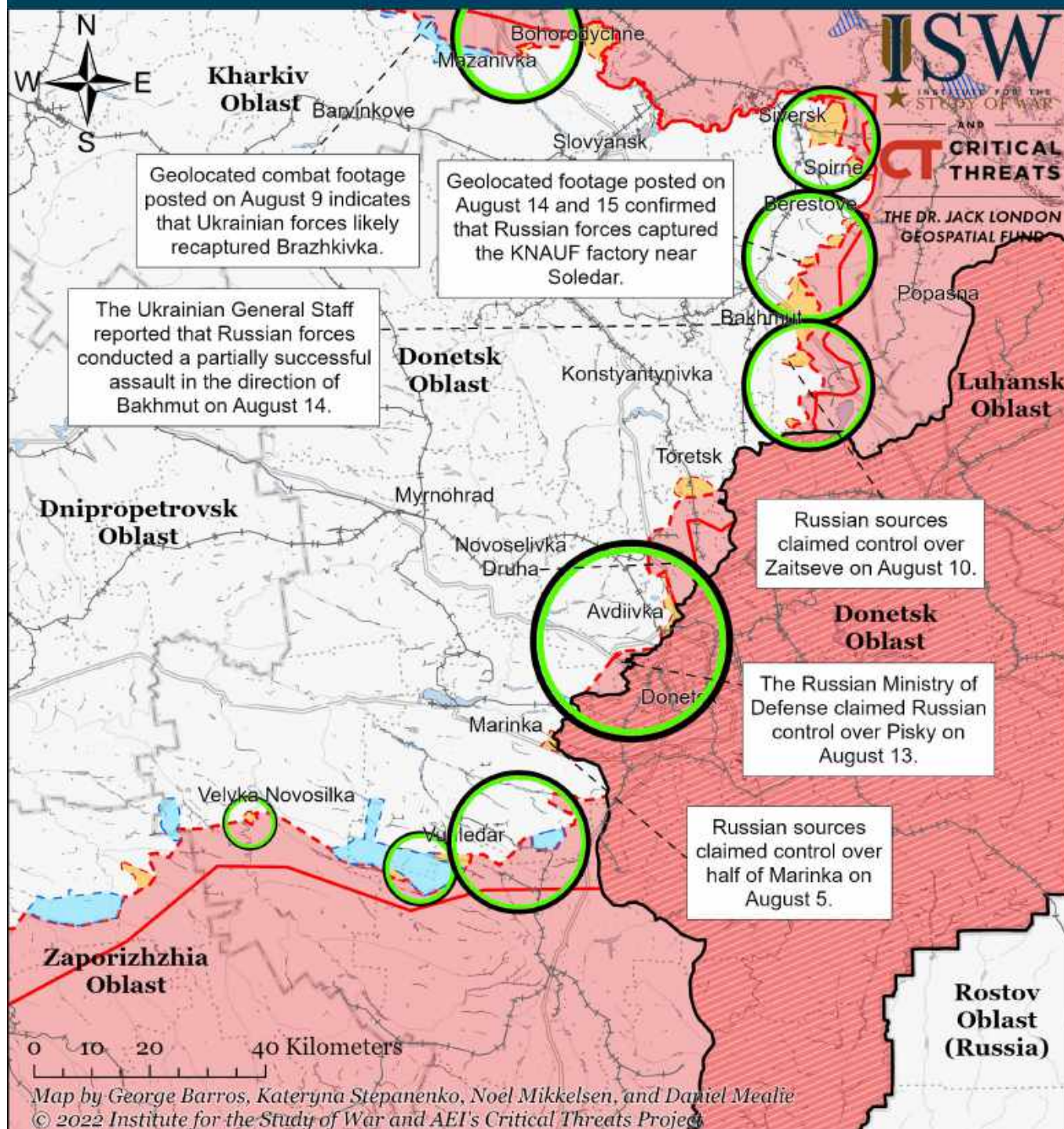


- Significant Fighting in the past 24 Hours
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Assessed Control of Terrain Around Donetsk as of August 15, 2022, 3:00 PM ET

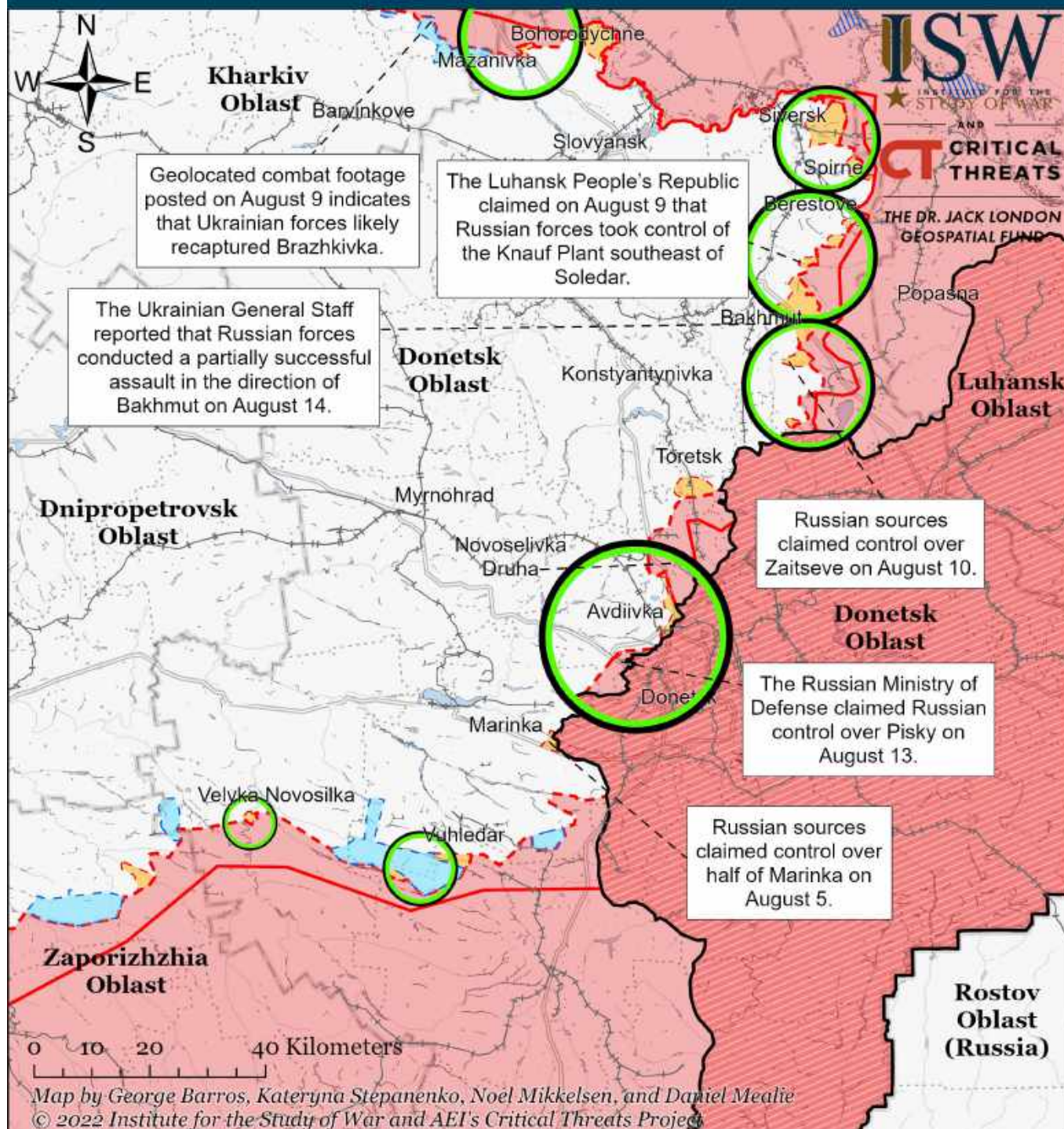


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Assessed Control of Terrain Around Donetsk as of August 14, 2022, 3:00 PM ET

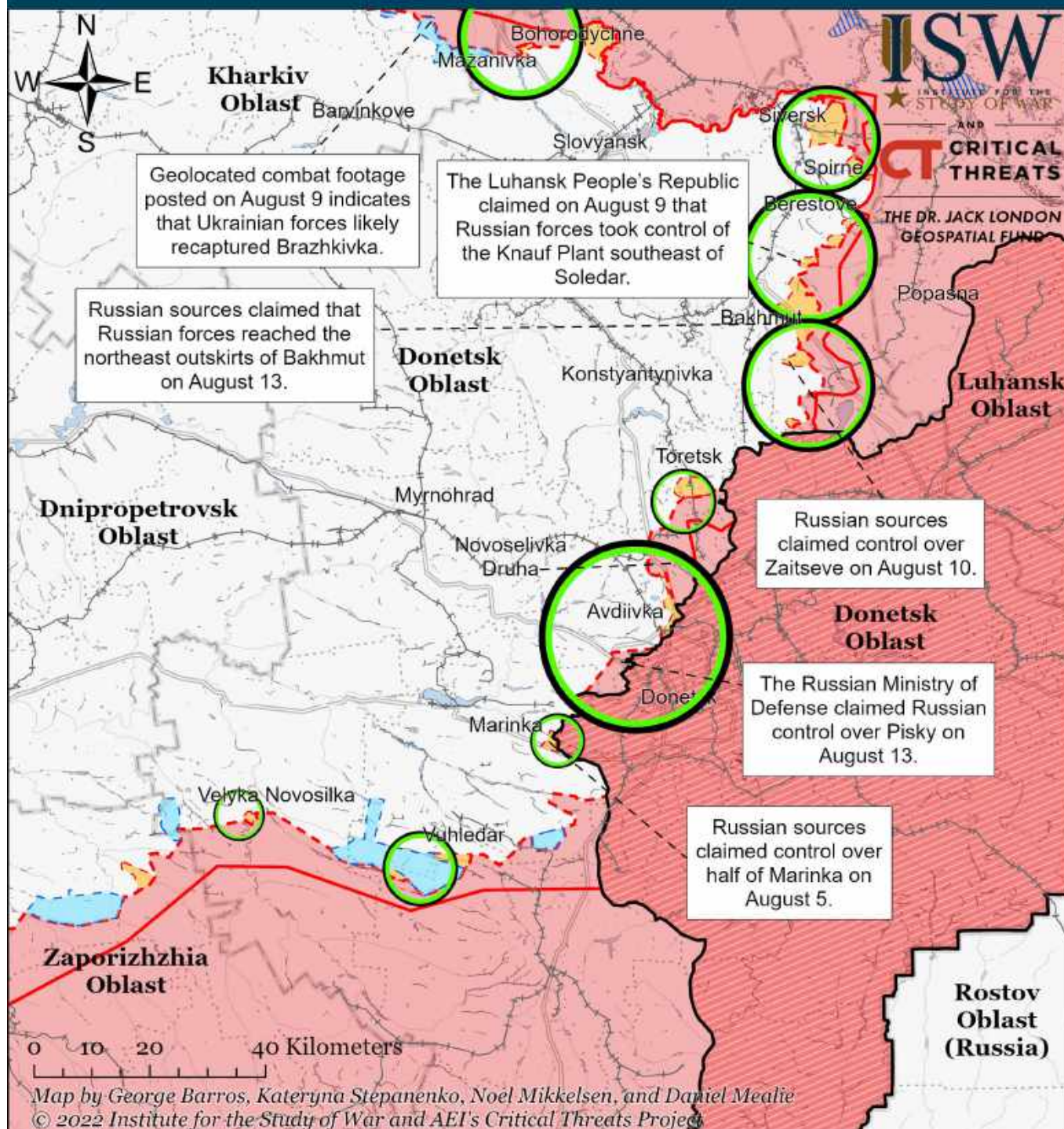


- Significant Fighting in the past 24 Hours
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Assessed Control of Terrain Around Donetsk as of August 13, 2022, 3:00 PM ET



- | | | |
|---|--|-------------------------------------|
| 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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Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of August 17, 2022, 3:00 PM ET



Map by George Barros, Kateryna Stepanenko, Noel Mikkelsen, and Daniel Mealie
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* 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 August 16, 2022, 3:00 PM ET



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Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of August 15, 2022, 3:00 PM ET



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Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of August 14, 2022, 3:00 PM ET



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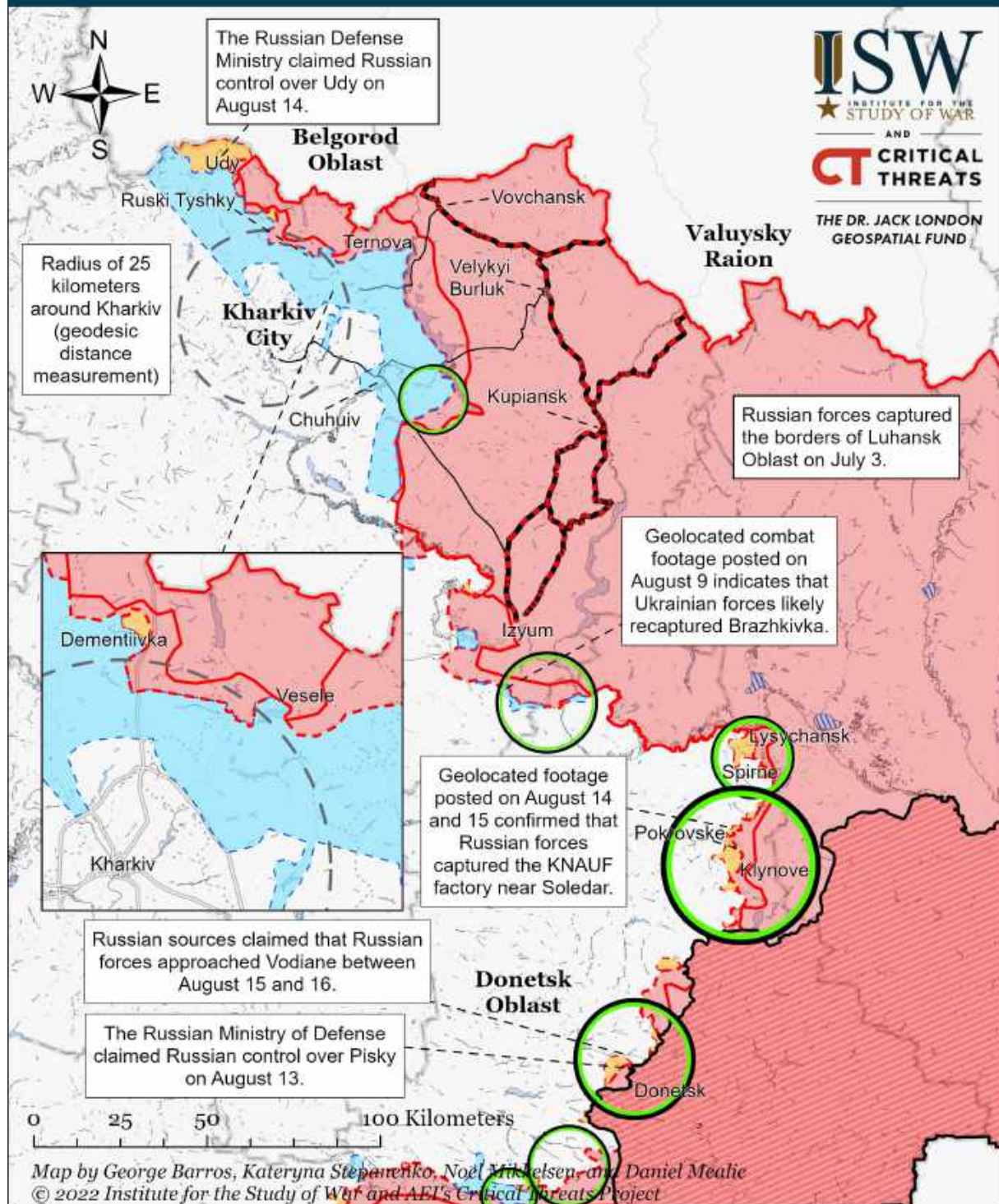
Assessed Control of Terrain in Ukraine and Main Russian Maneuver Axes as of August 13, 2022, 3:00 PM ET



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Assessed Control of Terrain Around Kharkiv as of August 17, 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

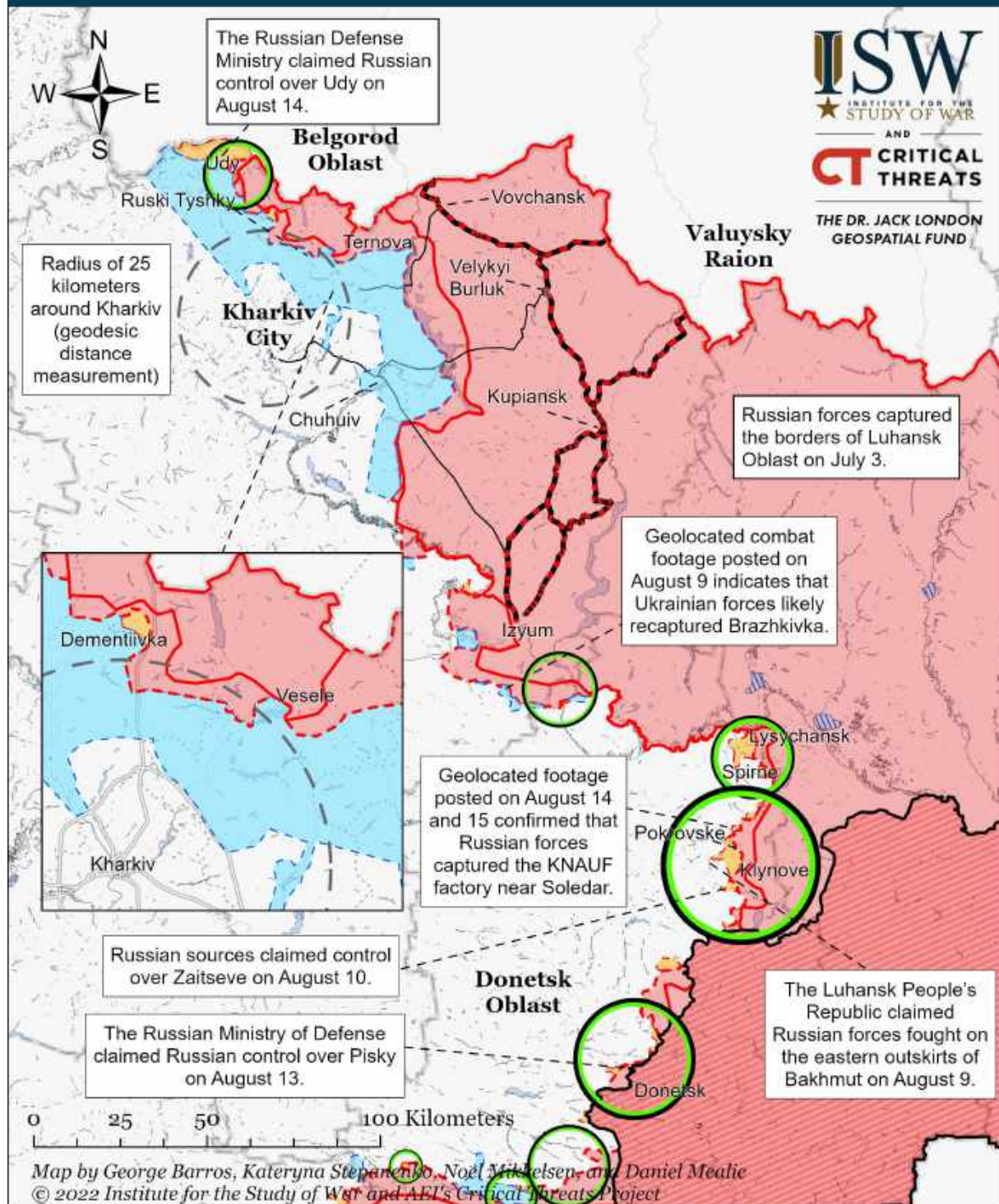
■ Claimed Ukrainian Counteroffensives

■ Reported Ukrainian Partisan Warfare

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

Note: We expanded Russian advances to Velyka Komyshuvakha in Kharkiv Oblast after observing geolocated footage from late July for the first time on August 8. Russian forces have likely been in Velyka Komyshuvakha since late July. Ukrainian military officials confirmed on August 4 that Ukrainian forces liberated Mazanivka, Dmytrivka, and Dibrivne. Ukrainian General Staff Deputy Chief of Main Operational Department Oleksiy Gromov also stated on August 4 that Ukrainian forces entered Russian defensive lines in Sulyhivka and Brazhkyivka.

Assessed Control of Terrain Around Kharkiv as of August 16, 2022, 3:00 PM ET

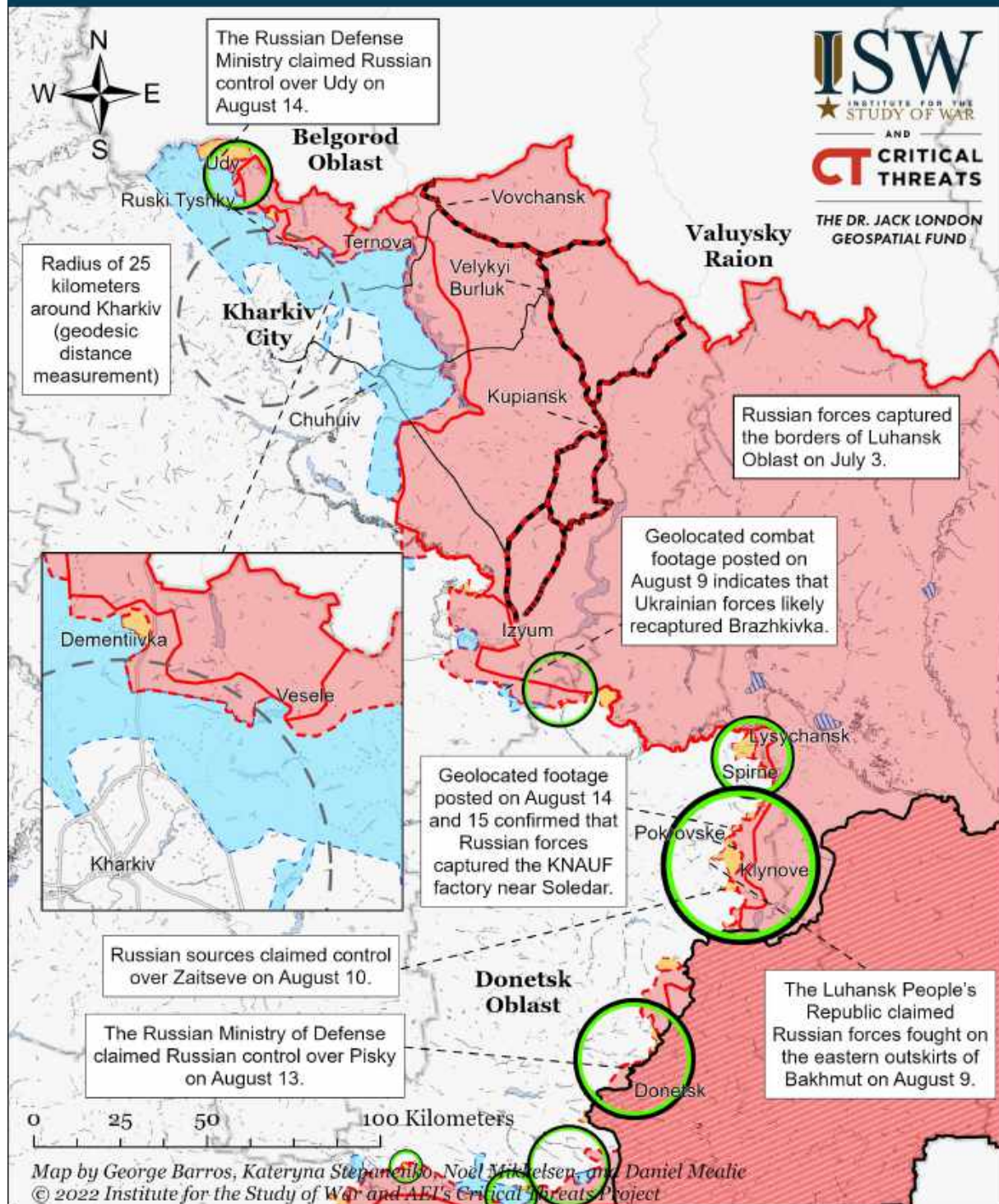


- Significant Fighting in the past 24 Hours
- ▬ Russian-controlled Ukrainian Territory before February 24
- ▬ Claimed Russian Control over Ukrainian Territory
- Key Ukrainian Roads
- ▬ Assessed Russian Advances in Ukraine*
- ▬ Claimed Ukrainian Counteroffensives
- ▬ Russian Ground Lines of Communication
- ▬ Assessed Russian-controlled Ukrainian Territory
- ▬ Reported Ukrainian Partisan Warfare

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Assessed Control of Terrain Around Kharkiv as of August 15, 2022, 3:00 PM ET

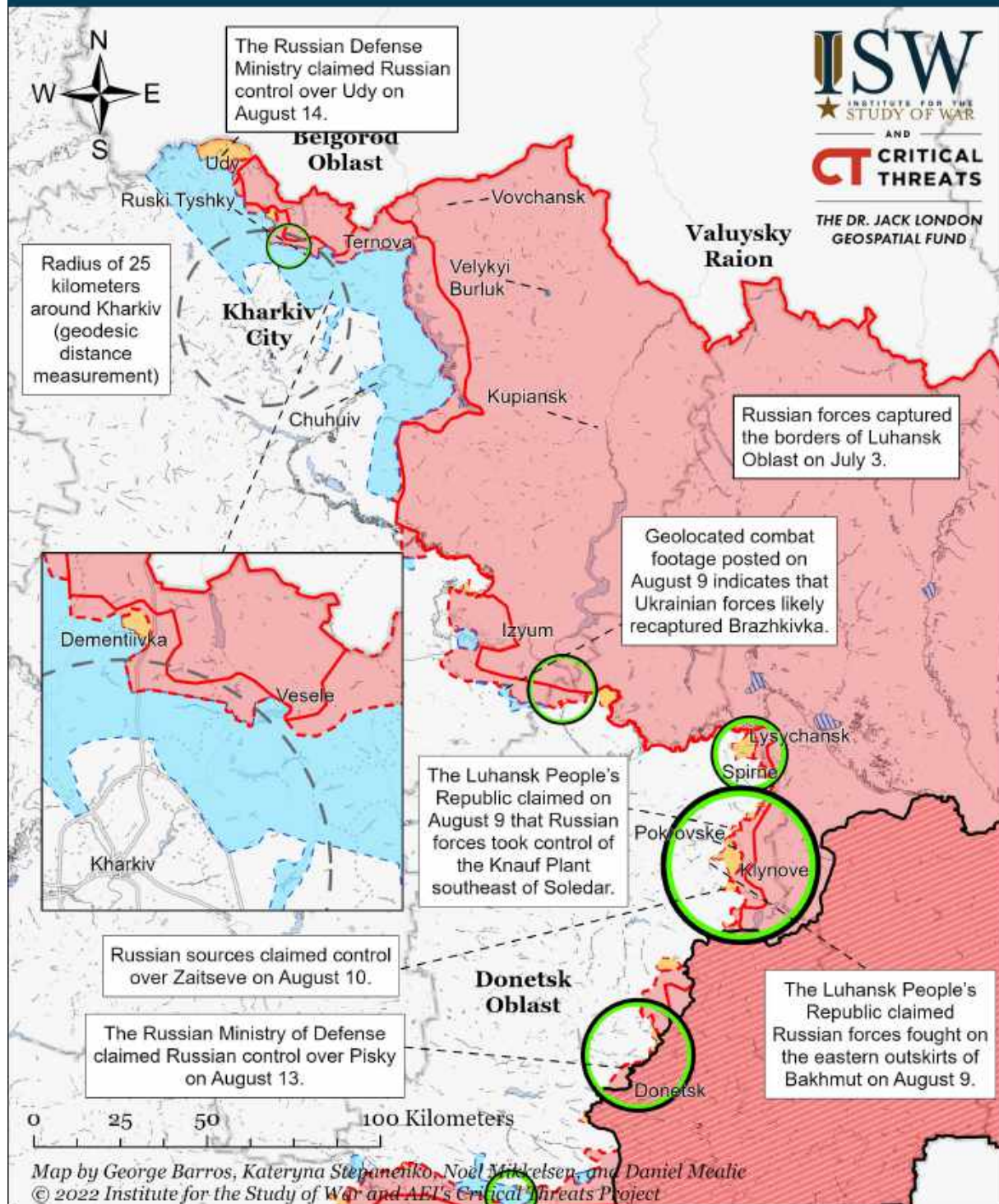


- Significant Fighting in the past 24 Hours
- ▬ Russian-controlled Ukrainian Territory before February 24
- ▬ Claimed Russian Control over Ukrainian Territory
- Key Ukrainian Roads
- ▬ Assessed Russian Advances in Ukraine*
- ▬ Claimed Ukrainian Counteroffensives
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Assessed Control of Terrain Around Kharkiv as of August 14, 2022, 3:00 PM ET

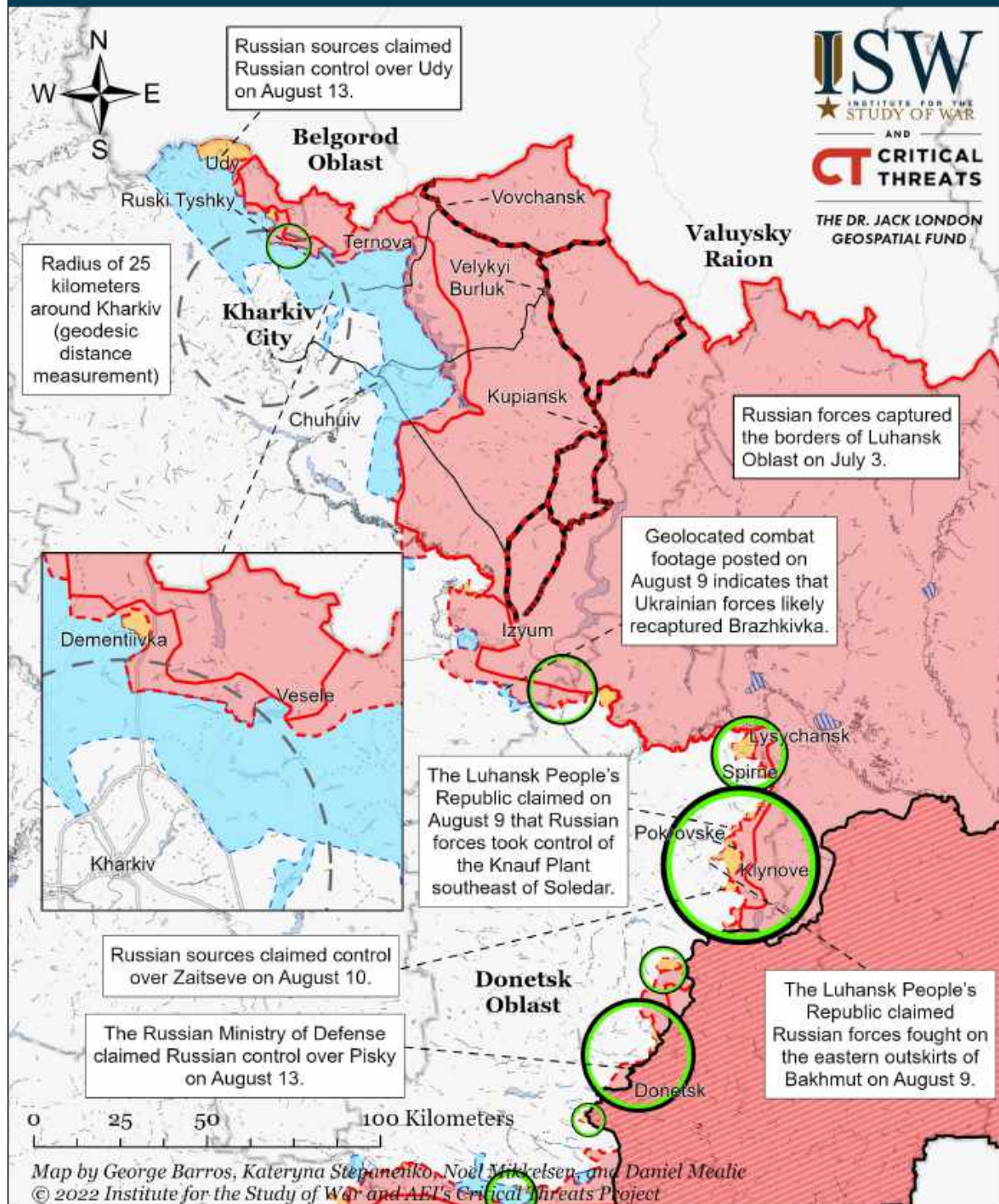


- Significant Fighting in the past 24 Hours
- Assessed Russian-controlled Ukrainian Territory
- Reported Ukrainian Partisan Warfare
- Russian-controlled Ukrainian Territory before February 24
- Claimed Russian Control over Ukrainian Territory
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Assessed Control of Terrain Around Kharkiv as of August 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

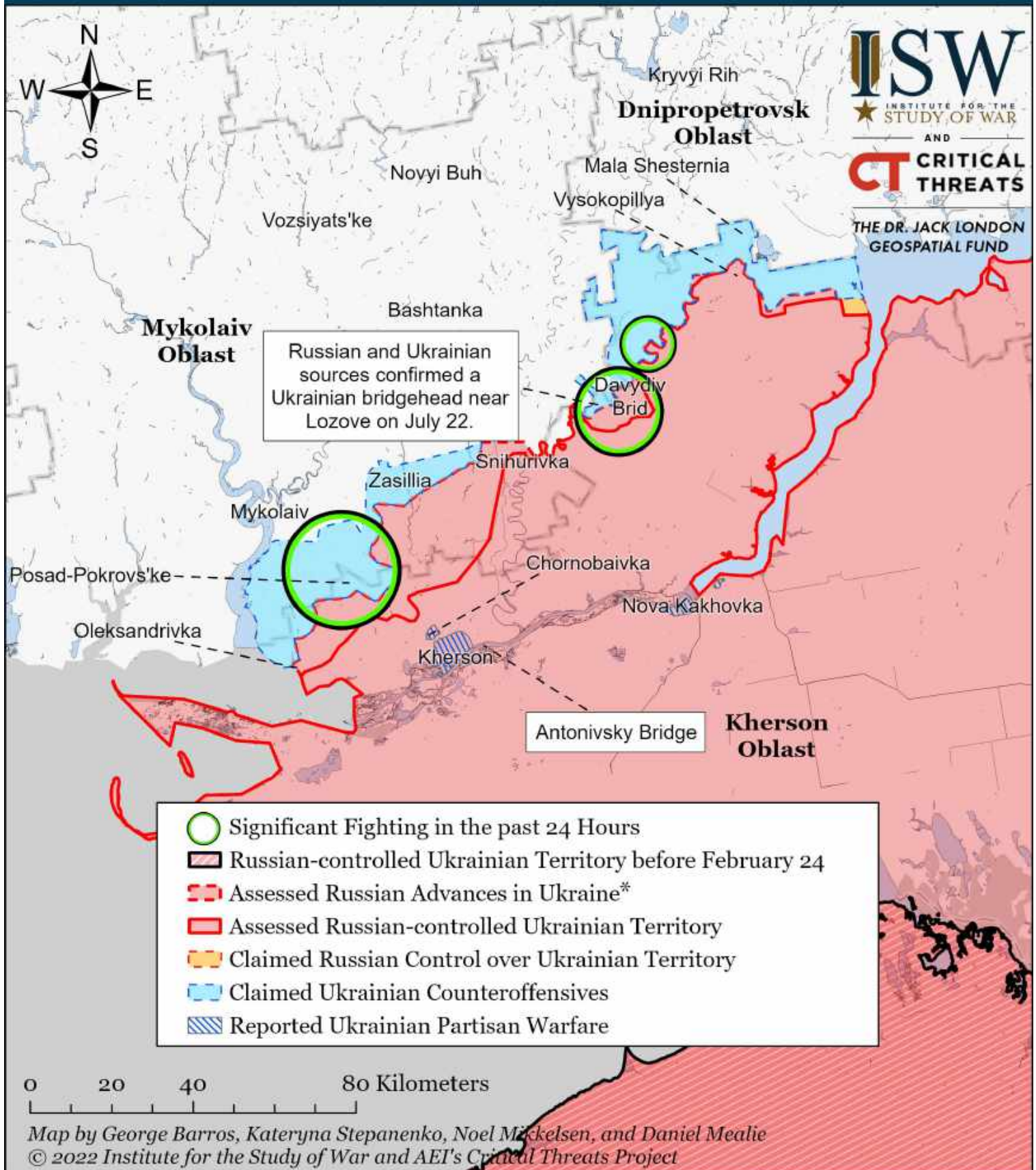
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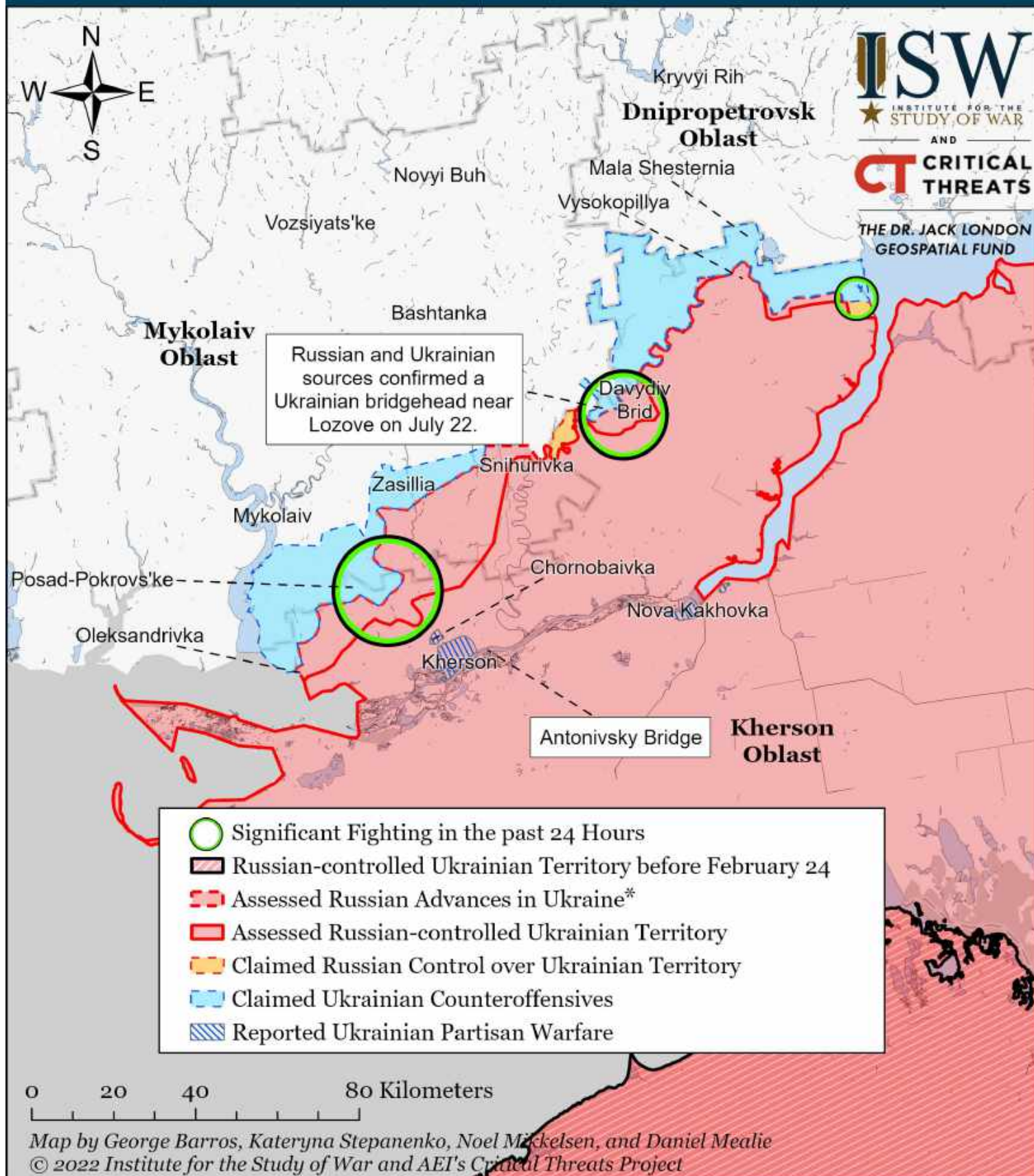
Assessed Control of Terrain Around Kherson and Mykolaiv as of August 17, 2022, 3:00 PM ET



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

Note: Kherson Oblast Administration Head Dmytro Butriy reported on August 2 that Ukrainian forces liberated an additional seven unnamed villages in Kherson Oblast. ISW will continue to monitor the situation and will update our maps when open sources name the liberated settlements.

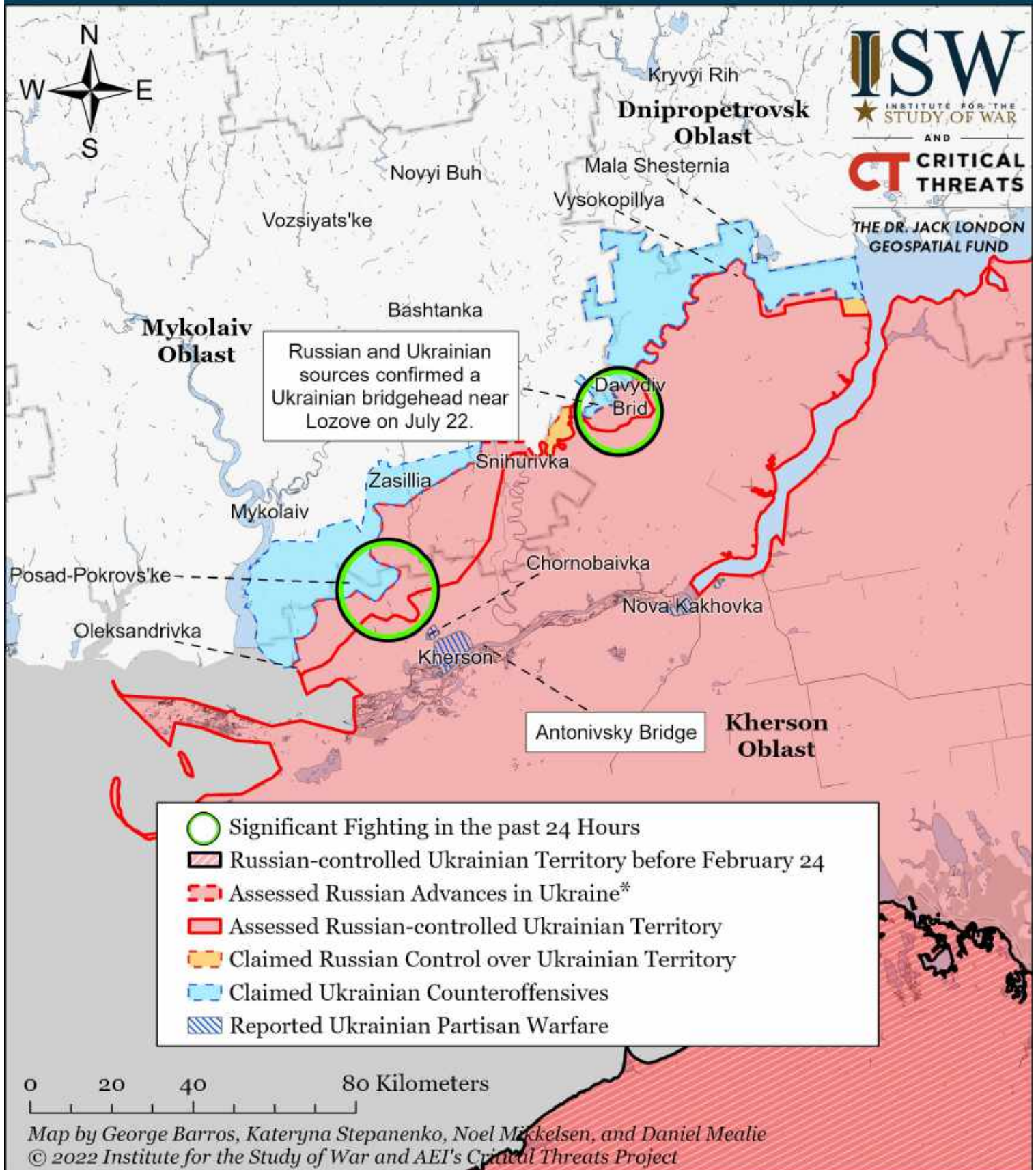
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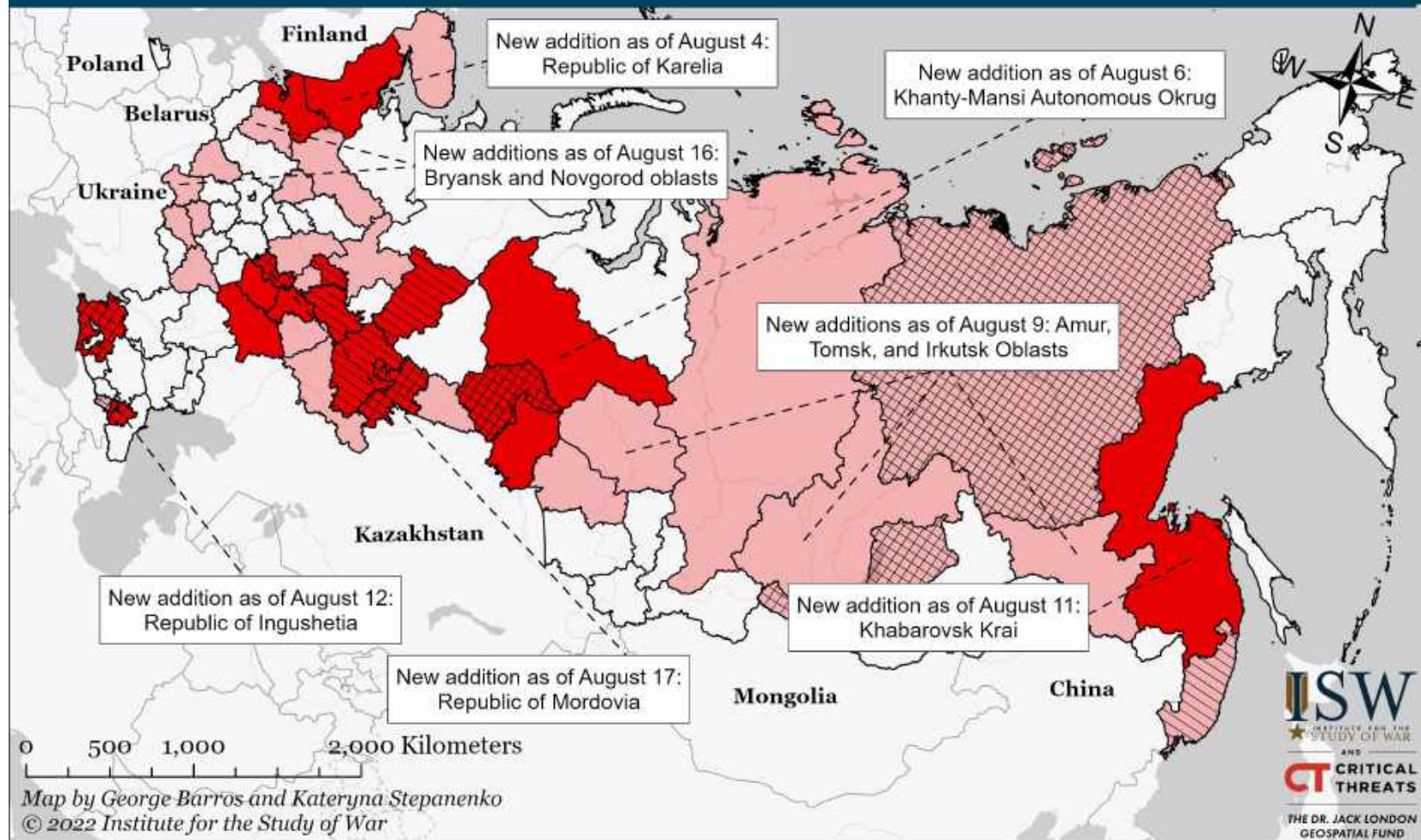
Assessed Control of Terrain Around Kherson and Mykolaiv as of August 14, 2022, 3:00 PM ET



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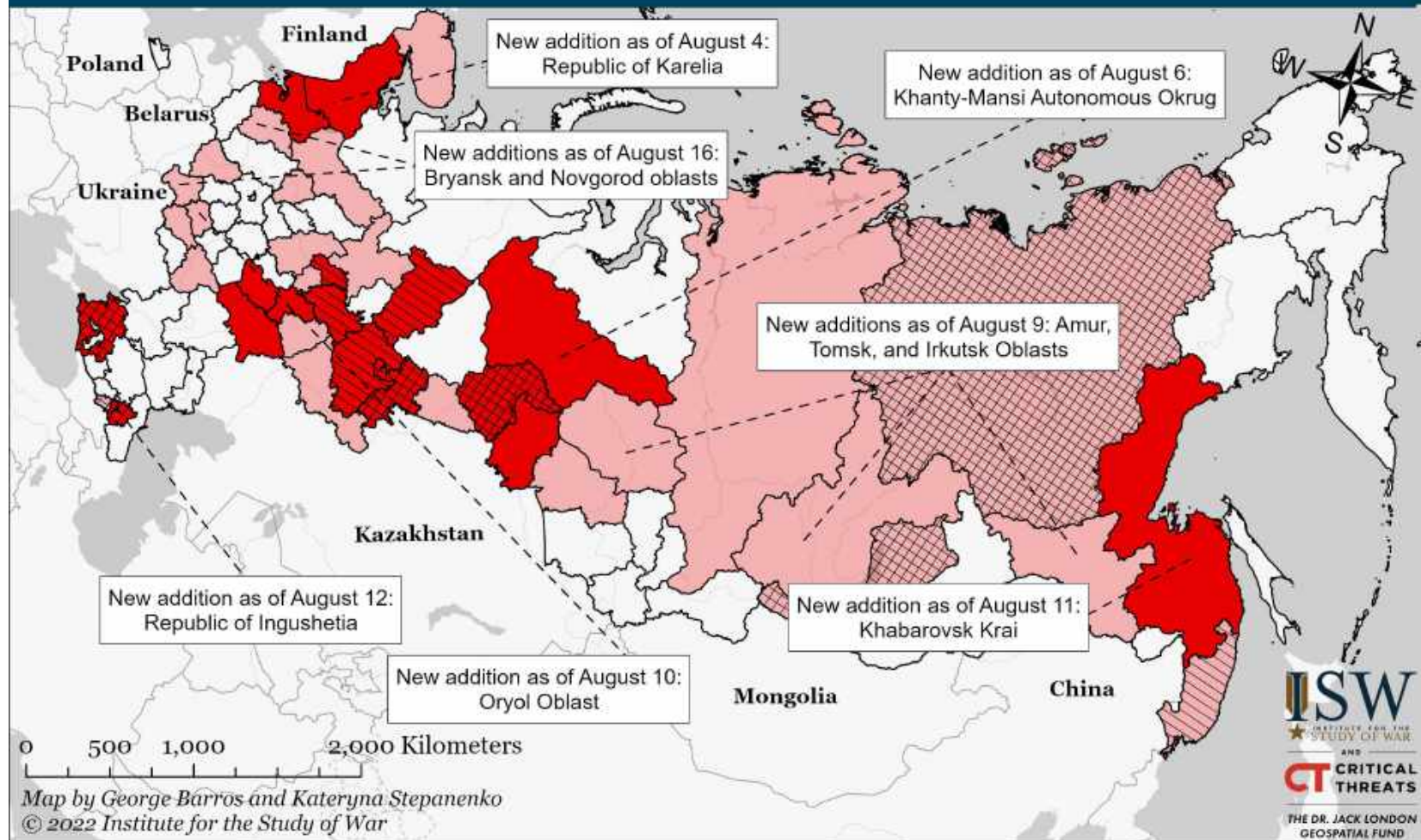
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Confirmed Russian Regions (Federal Subjects) Generating "Volunteer" Units to Fight in Ukraine as of August 17, 2022



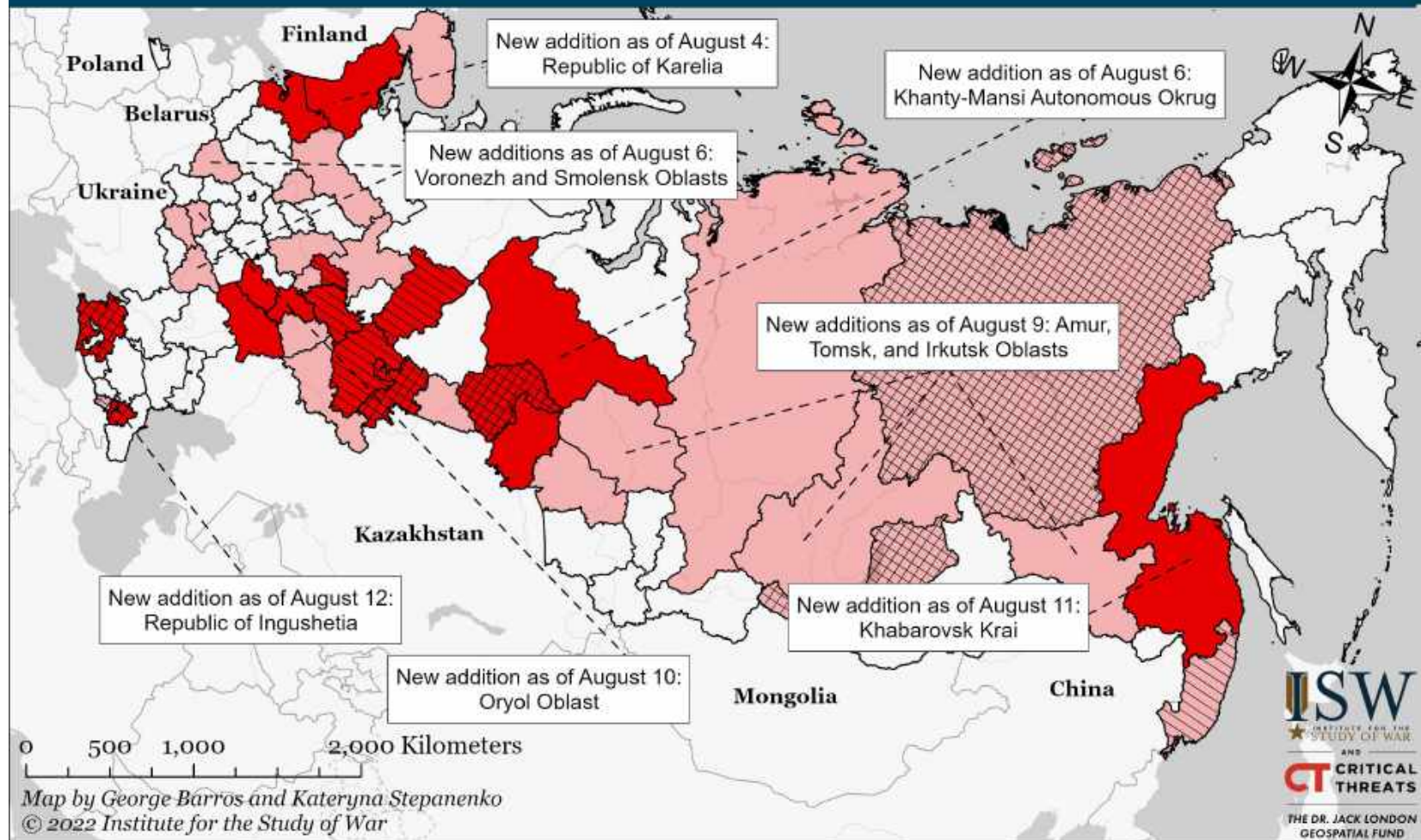
- | | |
|---|--|
| Federal Subject Contributing or Generating a Unit | Unit Deployed to a Training Ground before Deployment to Ukraine |
| Federal Subject Contributing or Generating Multiple Units | Unit Deployed to Ukraine |

Confirmed Russian Regions (Federal Subjects) Generating "Volunteer" Units to Fight in Ukraine as of August 16, 2022



- | | |
|---|--|
| Federal Subject Contributing or Generating a Unit | Unit Deployed to a Training Ground before Deployment to Ukraine |
| Federal Subject Contributing or Generating Multiple Units | Unit Deployed to Ukraine |

Confirmed Russian Regions (Federal Subjects) Generating "Volunteer" Units to Fight in Ukraine as of August 14, 2022



- | | |
|---|--|
| Federal Subject Contributing or Generating a Unit | Unit Deployed to a Training Ground before Deployment to Ukraine |
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