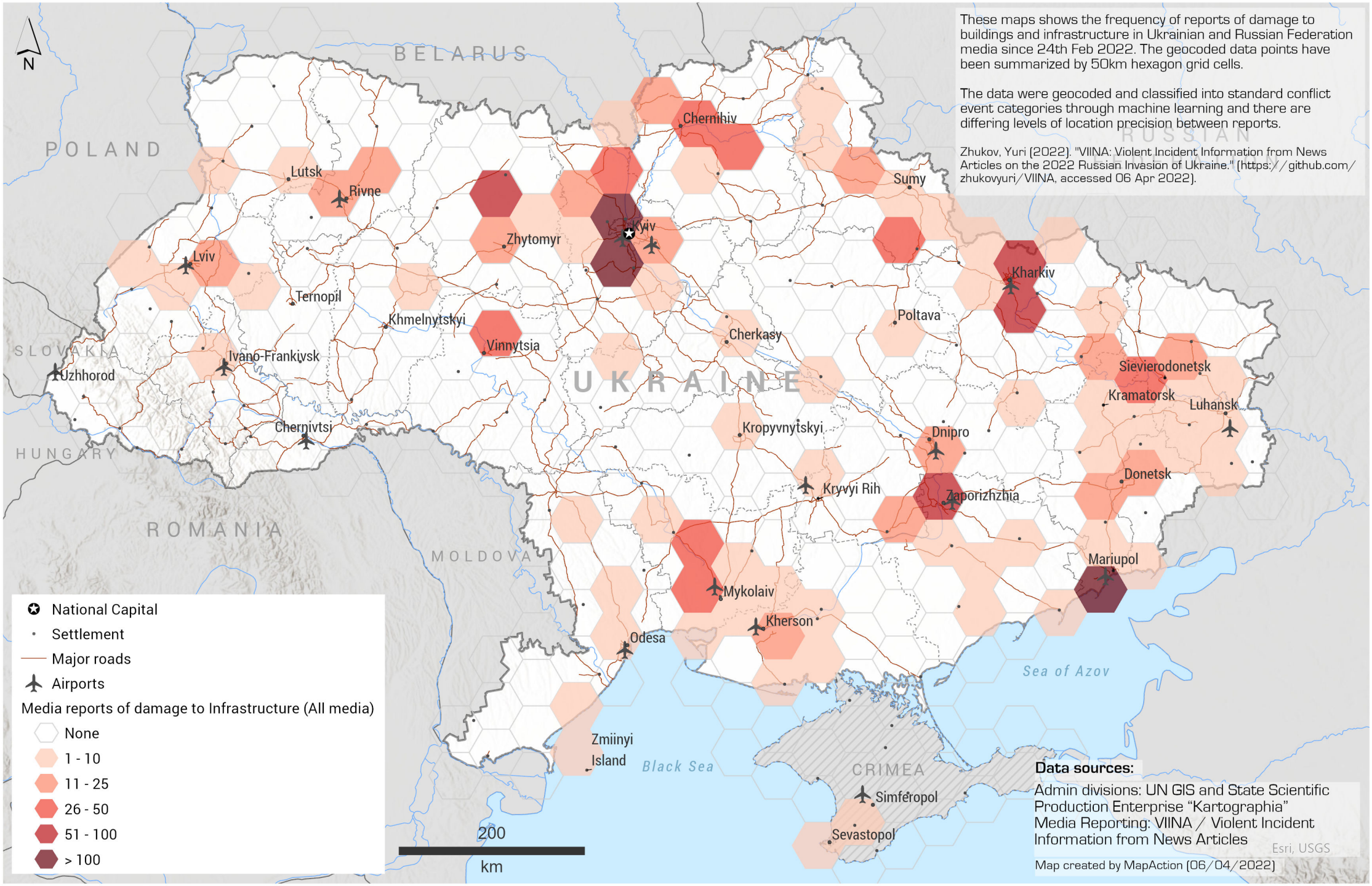
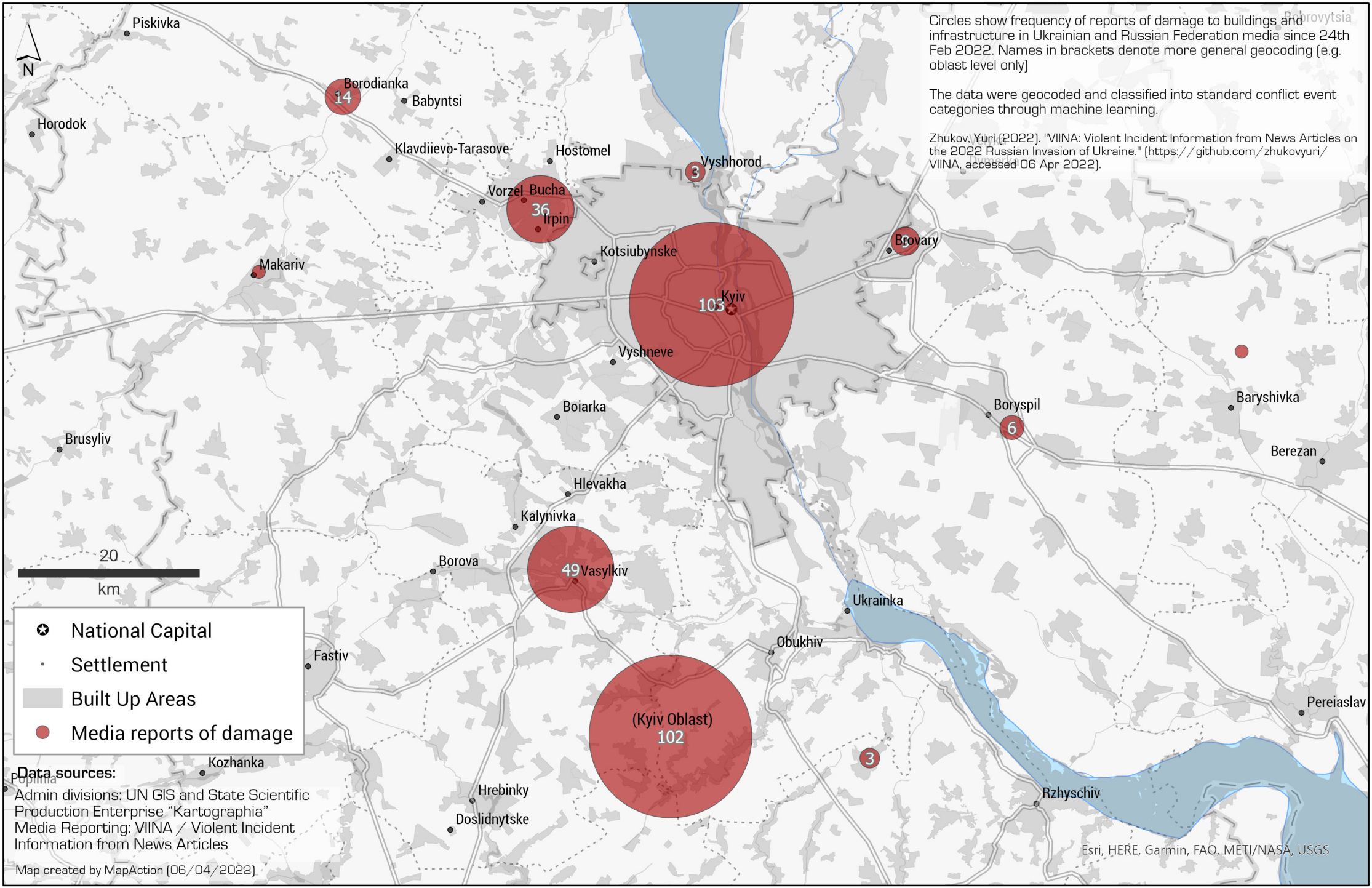
Ukraine: Complex Emergency

News Monitoring - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



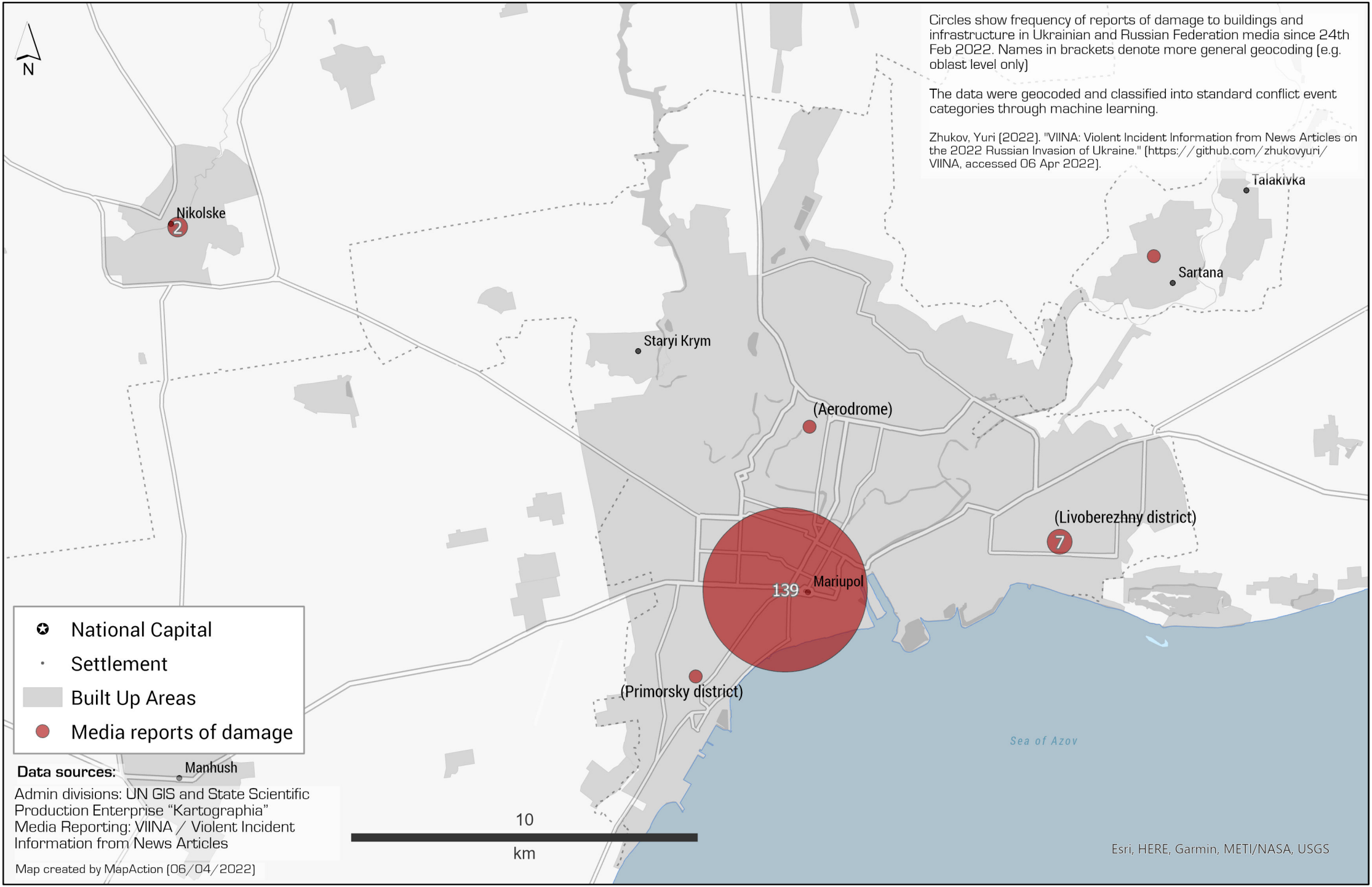
Ukraine: Complex Emergency

Kyiv - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



Ukraine: Complex Emergency

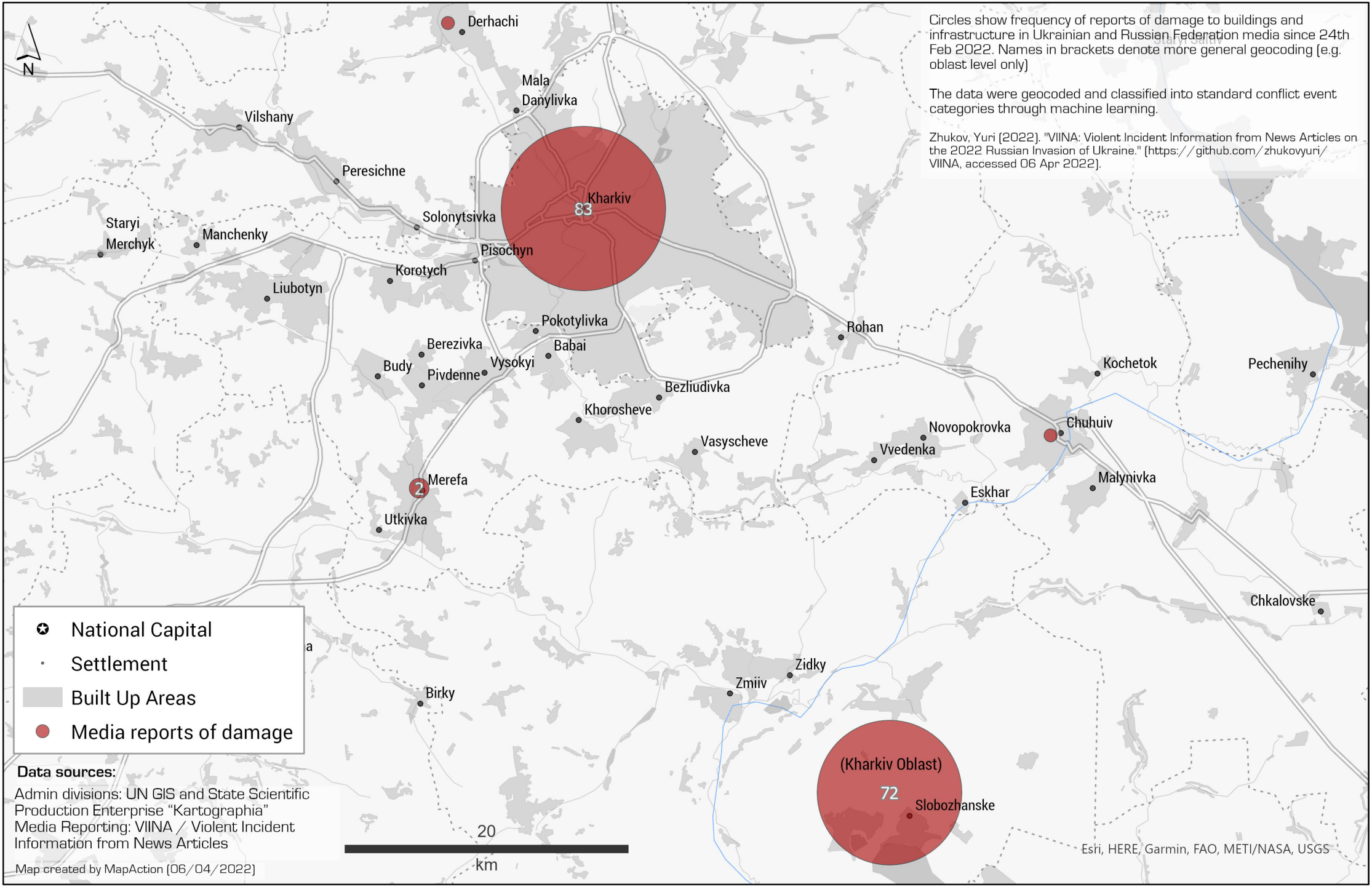
Mariupol - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



Map created by MapAction (06/04/2022)

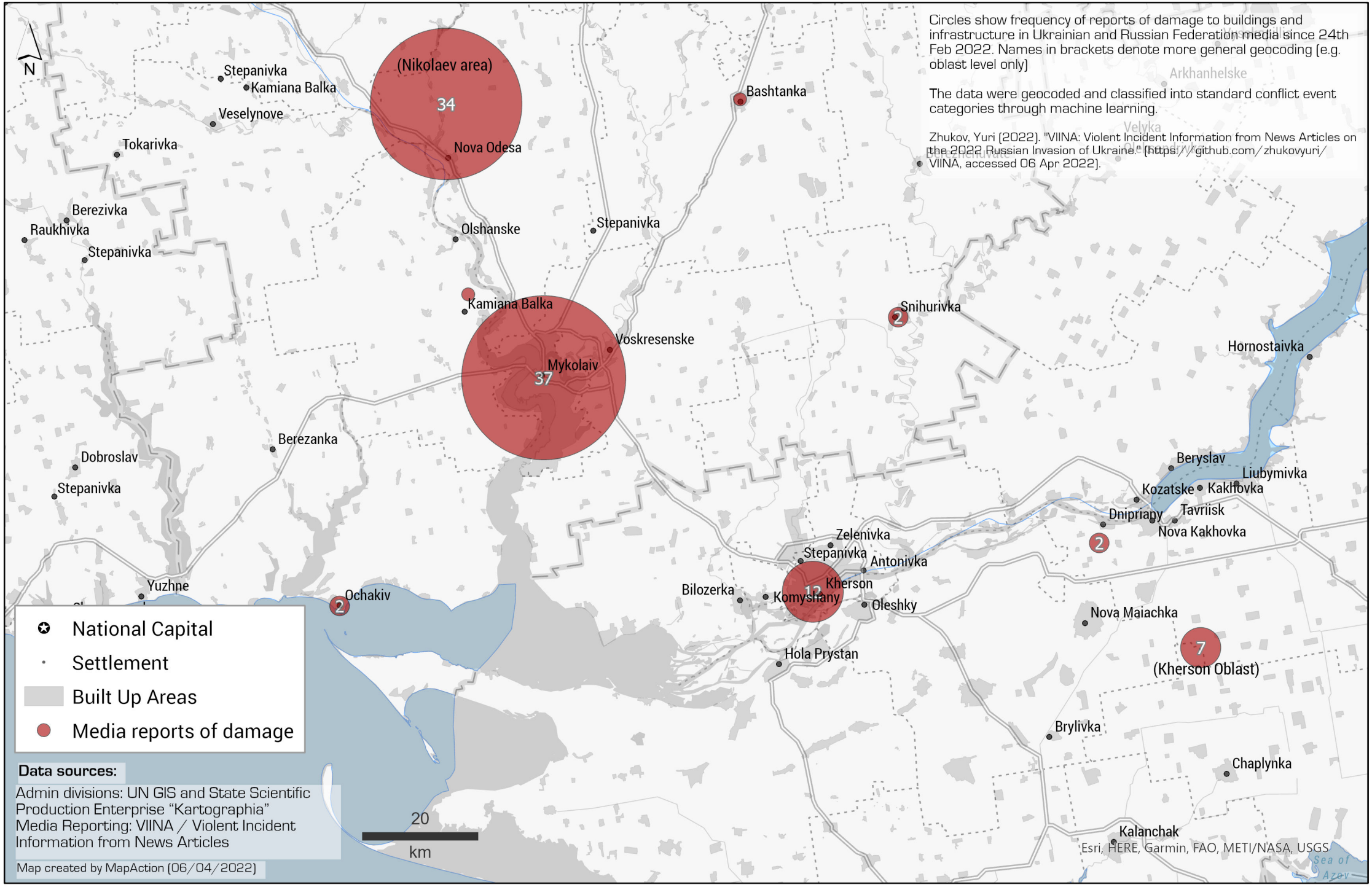
Ukraine: Complex Emergency

Kharkiv - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



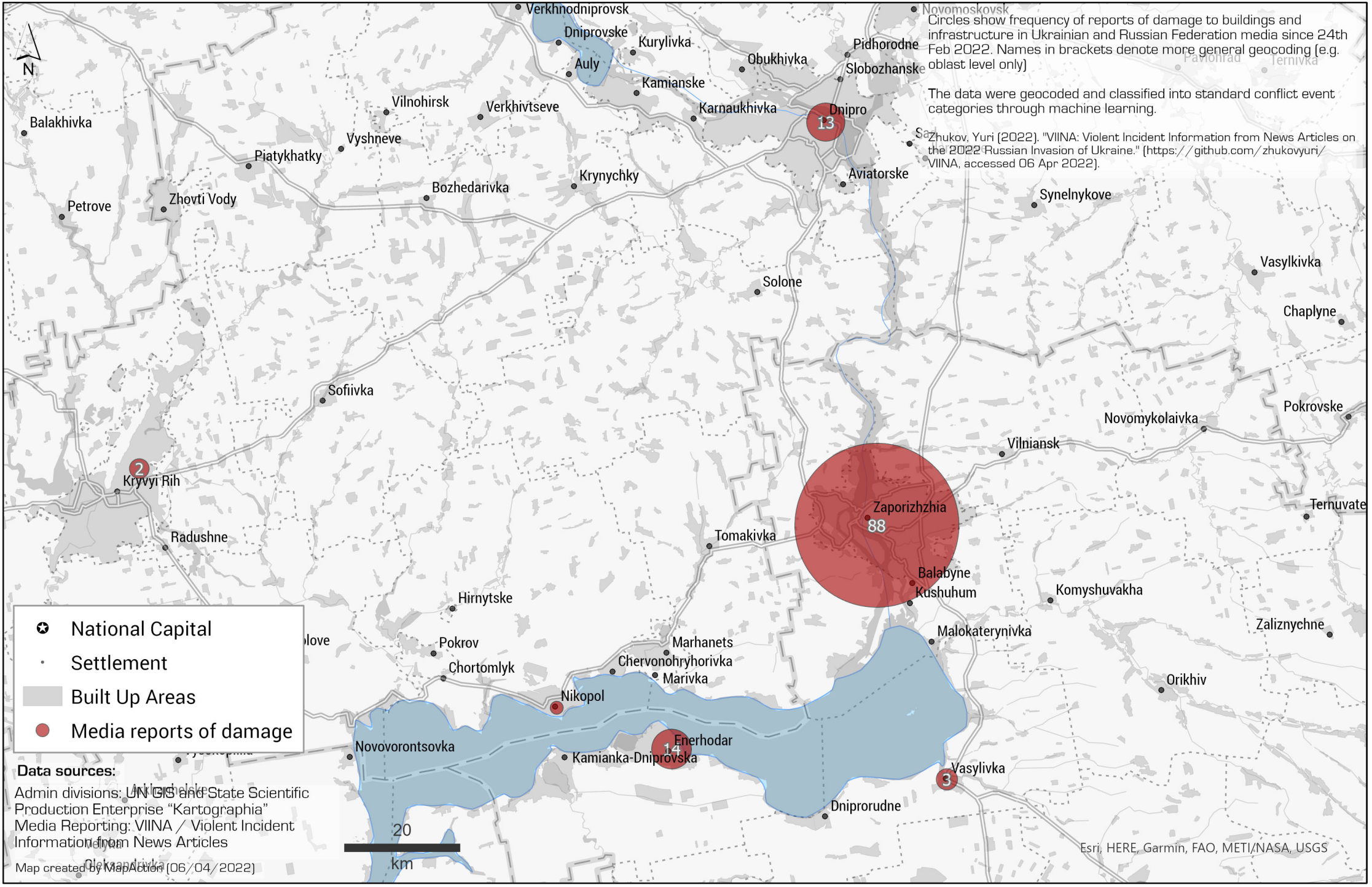
Ukraine: Complex Emergency

Mykolaiv - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



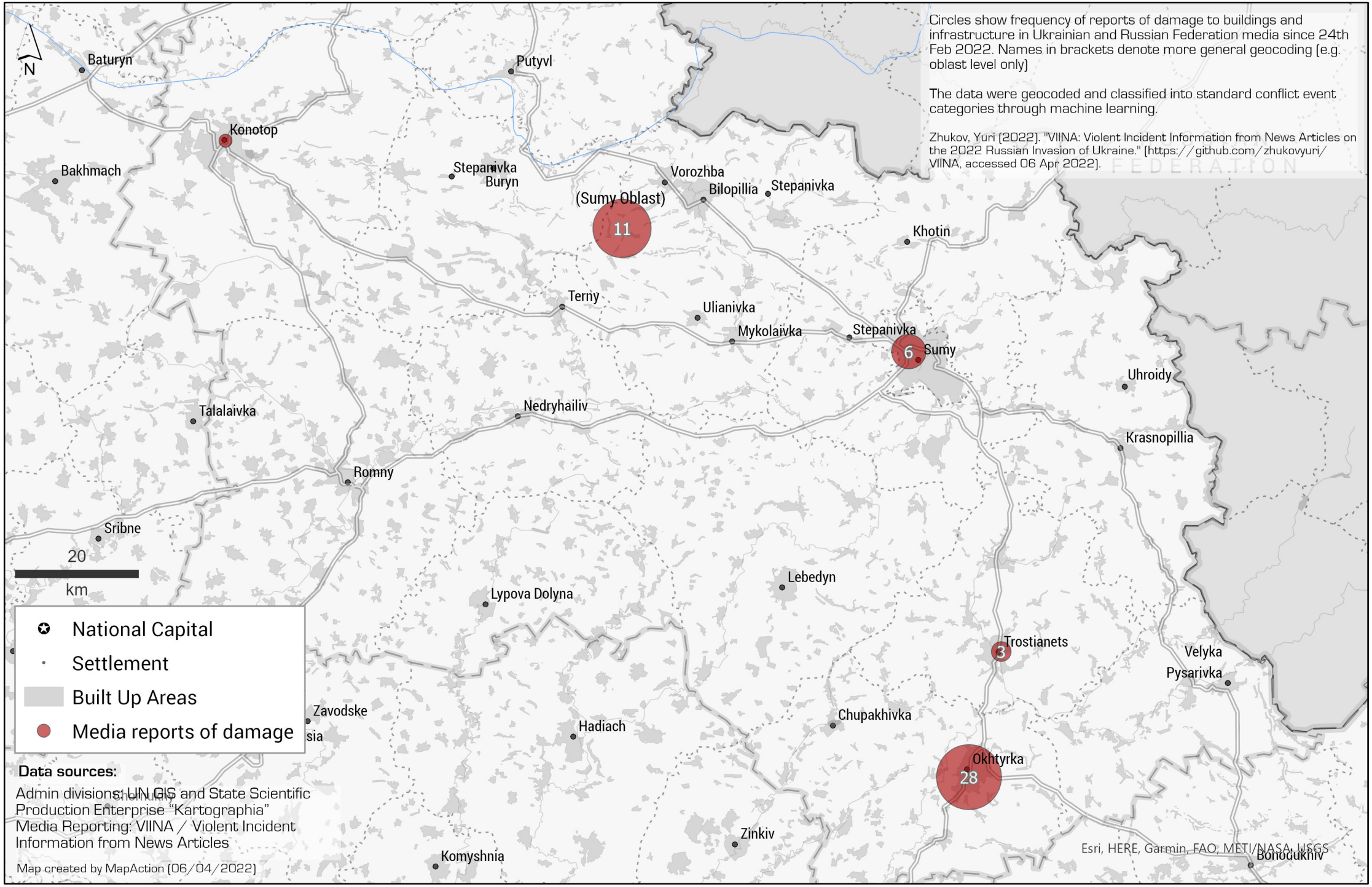
Ukraine: Complex Emergency

Zaporizhzhia - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



Ukraine: Complex Emergency

Sumy - Frequency of reports of damage to buildings and infrastructure from UKR and RF media



Media Data Sources:

VIINA draws on news reports from the following Ukrainian and Russian news providers:

24 Канал: Ukrainian 24 hour news network
Forbes Ukraine: Ukrainian edition of Forbes magazine
Інтерфакс-Україна: Ukrainian affiliate of Russia's Interfax news wire service
Комсомольская Правда: Russian newspaper
ЛІГА.net: Ukrainian internet news service
Мілітарний: Ukrainian defense news portal
Медиазона: Russian news portal
НВ: Ukrainian magazine and internet news portal
Независимая Газета: Russian newspaper
НТВ: Russian television news
Українська правда: Ukrainian newspaper
РИА Новости: Russian news wire service
УНІАН: Ukrainian news wire service

Using an automated web scraping routine (which runs every 6 hours), VIINA extracts the text of news reports published by each source and their associated metadata (publication time and date, web urls). Using natural language processing, the system extracts and geocodes location names mentioned in each news item. A recurrent neural network then classifies each event report into several pre-defined categories.

For more information about the VIINA project visit: https://github.com/zhukovyuri/VIINA