

## **Ukraine | Nova Kakhovka Dam breach** Novokondakove Nikopol! Shliakh Novovasylivka Simulated flood extent in km<sup>2</sup> Kakhovka Enerhodar / Romanovo-Bulhakove Zelenodol's'k Reservoir Mvkolaiv, Full dam breach scenario 920 km<sup>2</sup> Kamenka-Dneprovskaya Sadové Oblast Zaporizhzhva 650 km<sup>2</sup> Partial dam breach scenario Yelyzavetivka , nuclear power Kherson plant Vysoke Chaikyne, Oblast Novosofiivka Kherson Oblast Kirove KRAIN Zirka KRAINE Tomaryne **IMPACT OVERVIEW** Novoberyslav Mykolaiv Source: Government of Ukraine Kherson Novotymofiivka 10 km **1** 300 Berislav Oblast Kachovka Evacuated people Inhulets Kakhovka Burhunka Fedorivka Nova Kakhovka Kherson, Antonivka Inhulets' Malokakhovka Itahynka Tsiurupyns'k Hola Prystan' Ivantyka Radians'ke Novi Laheri Rais'ke Kamianka Nadezhdivka Chernobayevka 20 k m# Nova Kakhovka dam Molodets'ke Kherson International Affected power plant k m Reported flood location Source: Liveuamap SIMULATED FLOOD EXTENT Tomyna Balka Proletarka Source: JRC Calculations Novodmytrivka Shyroka Balka Sofiivka Full dam breach scenario (380 m, full vertical opening) Kherson Partial dam breach scenario (80 m, full vertical opening) Oblast' **CRITICAL INFRASTRUCTURES** Dniprovs'ka Source: JRC 50 3 0 'k m Oil depot/raffinery Podo-Kalynivka Chemical plant Abrykosivka Power plant tara Zburivka k m Lake/ River reservoir/river © European Union, 2023. Map produced by the JRC. It may not represent the latest updated official data. The boundaries and Built-up the names shown on this map do not imply official endorsement Airport Malyye Kopani (Source: GHSL)

or acceptance by the European Union.