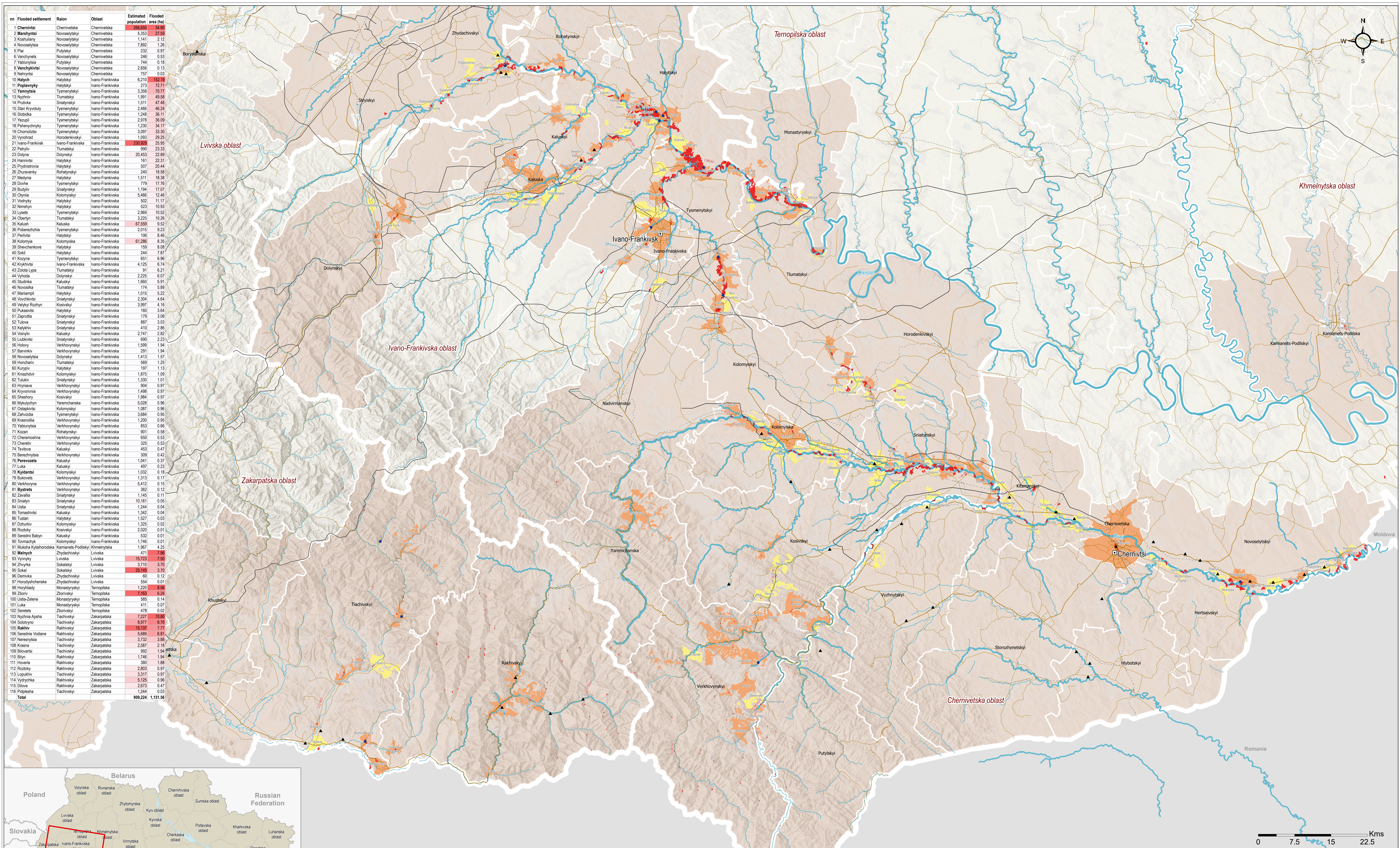




- Flood affected areas**
- Flood area on Sentinel-1 image (June 24-25, 2020)
 - Settlements partially flooded
 - Settlements potentially affected by flood (located close to flood area)
 - Affected raions
 - Rivers with significant water level increase
 - Potentially damaged bridges (located in flood area)
 - Reported damages by State Water Agency of Ukraine (damaged dams, roads, flooding of residential areas and crop fields)
 - Potentially flooded roads
- Legend**
- Settlements
 - Rivers
 - Railways
 - Oil and gas pipelines
 - Roads
 - Motoways, primary roads
 - Tertiary and secondary roads

Methodology note:
On June 22, 2020 severe floods due to heavy rain and logging started in Western Ukraine. Heavy rains also led to a significant increase in soil moisture, generating landslides which have affected roads and access to isolated areas.
SAR Sentinel-1 change detection technique is being used to generate a flood extent map, where a before- and after-flood event Sentinel-1 image are compared.
Data from the state water agency was also added to the map to show infrastructure that has been damaged by the disaster.

Data sources:
Administrative boundaries: OCHA
OSM: rivers, railways, roads, pipelines
Flood areas: Sentinel-1 change detection approach in GoogleEarthEngine (UN-SPIDER recommended practice)
River water level data: Ukrainian Hydrometeorological Center
Damages location: State Water Agency of Ukraine reports
Coordinate System: WGS 1984 UTM Zone 34N
Projection: Transverse Mercator
File: IMPACT_UKR_map_WestUkraine_FloodedAreas_3JULY2020_A0
Contact: kyiv.gis-officer@impact-initiatives.org

Note: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by the REACH partners, associated, donors mentioned on this map.