Infrastructure and roads damage assessment of Ar Raqqā, Ar Raqqā Governorate, Syria

This map illustrates satellite-detected damage to infrastructure and roads in the city of Ar Raqqā, Syrian Arab Republic and is derived from a full UNOSAT analysis of damage to Ar Raqqā to 21 October 2017. Using satellite imagery acquired 21 October 2017, UNITAR - UNOSAT identified 5 destroyed bridges, 74 damaged road segments and 84 visible impact craters affecting roads. Approximately 159 structures corresponding to educational facilities, and 26 structures likely related to health facilities are also affected. UNOSAT analysis shows that 8 water towers are completely destroyed and there is damage to 2 electric substations and a sewage treatment facility. Note that sources of infrastructure data include various open source datasets which are likely incomplete, as well as visual review of satellite imagery by UNOSAT for certain features like water towers. This is a preliminary analysis and has not yet been validated in the field. Please send ground feedback to UNITAR - UNOSAT.

Legend

- Primary road
- Secondary road
- Local road
- City boundary
- Impact crater to road
- Impact crater on field
- Damaged bridge
- Damaged road segments

Affected infrastructures

- Airport facility
- Station
- Educational facility
- Gas station
- Religious facility
- Government building
- Health facility
- Electric substation
- Grain warehouse
- Market
- Sewage Treatment Facility
- Water tower

Map Scale for A3: 1:30,800

Analysis conducted with ArcGIS V10.4.1
Coordinate System: WGS 1984 UTM Zone 37N
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

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