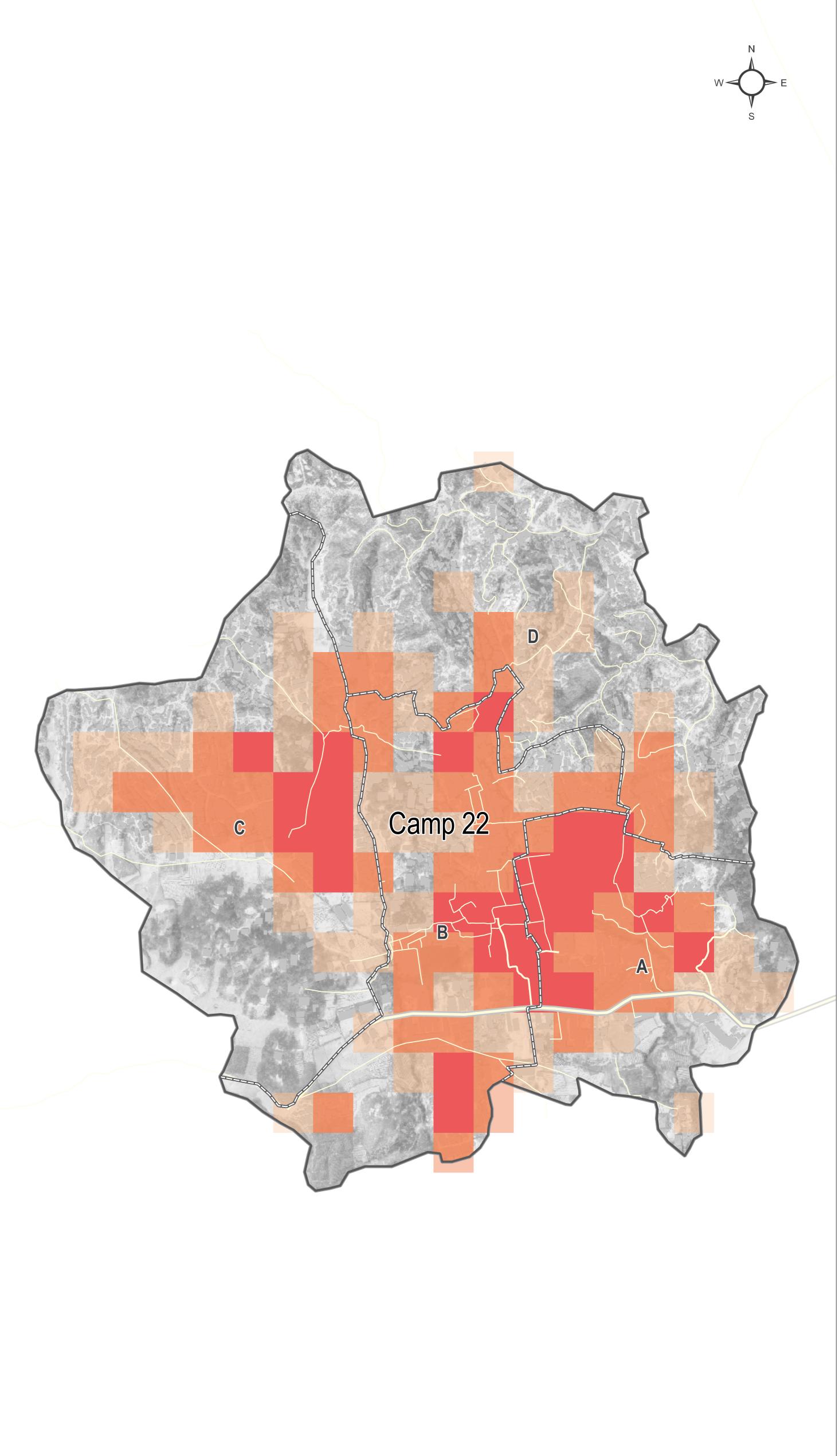


BANGLADESH - Rohingya Refugee Crisis - Cox's Bazar District - Camp 22: Flood Exposure - Shelters **Shelters Exposed to Floods**





Number of Partially or Fully Damaged Shelters 0 - 5 6 - 15 16 - 25 > 25 Camp Boundary

Roads

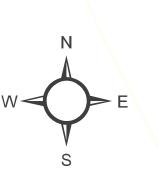
Description: This map shows modelled water depths from a 10-year average return interval (ARI) pluvial flood event from 24hrs of sustained precipitation. Maps also indicate
Usage and Limitations:
This map is designed to assist planners and decision makers identify priority areas for interventions at camp level. It is NOT designed as a stand-alone tool for detailed site Data Sources:
Background: Hillshade derived from NPM - UAV Orthographic DEM, January 2019 Drone Imagery: IOM NPM, January 2019 the maximum flood depths within structures.

Depth Classification 0.05 to 0.5m: low flood depth and partial damage. 0.5 to 1.0m: moderate flood depth and full damage.

1.0m or higher: high flood depth and full damage.

Average Return Interval v1.0 map (REACH, 2020).

VERSION 1.0 For Humanitarian Purposes Only Production date: 21.04.2021



Usage and Limitations:

planning decisions. Map results need to be ground verified and decisions combined with Structure Footprint: UNOSAT-REACH, 2019 specific on-site evaluation and appropriate technical expertise. The map does not provide Hydrodynamic Modelling: ARUP, 2019 any information about the flow speeds or directions. Results are derived from remote sensing Camp Boundary: ISCG, 2020 data and computational modelling; they are not ground proofed and are inherently limited by Camp Footpaths: ISCG, 2019 the quality of the input data and/or model assumptions and therefore hold a degree of Coordinate System: WGS 1984 UTM Zone 46N uncertainty. The areas outside the flood zones are not necessarily free from any danger.

Flood depths are derived from hydrodynamic flood modelling (ARUP, 2019). They can be seen in full in the Flood Hazard – Hydrodynamic Modelling – 10 Year hydrodynamic Modelling – 10 Year the Natural Hazards Technical Working Group in 2020. Please submit any requests to hydrodynamic modelling (ARUP, 2019). They the Natural Hazards Technical Working Group in 2020. Please submit any requests to the ISCG Information Management Unit the ISCG Information Management Unit.

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