



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 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.

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 planning decisions. Map results need to be ground verified and decisions combined with specific on-site evaluation and appropriate technical expertise. The map does not provide any information about the flow speeds or directions. Results are derived from remote sensing data and computational modelling; they are not ground plotted and are inherently limited by the quality of the input data and/or model assumptions and therefore hold a degree of uncertainty. The areas outside the flood zones are not necessarily free from any danger.

Data Sources: Background: Hillshade derived from NPM - UAV Orthographic DEM, January 2019. Drone Imagery: OM NPM, January 2019. Structure Footprints: UNOSAT-REACH, 2019. Hydrodynamic Modelling: Deltras, 2019. Camp Boundary: ISCG, 2020. Camp Footprints: ISCG, 2019. Coordinate System: WGS 1984 UTM Zone 48N.

Disclaimer: Data, designations and boundaries contained on this map are not warranted to be error-free and do not imply acceptance by REACH.