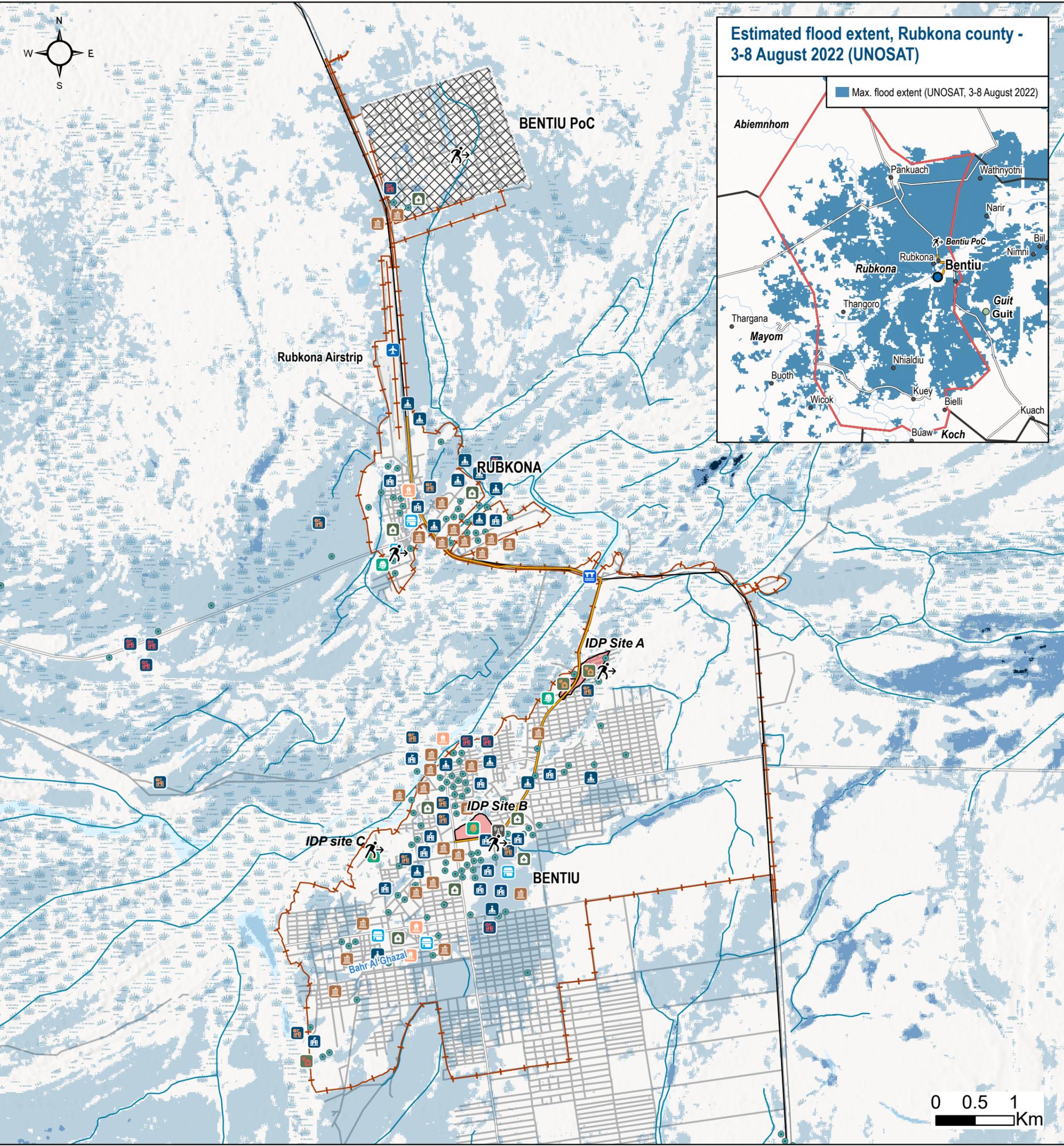
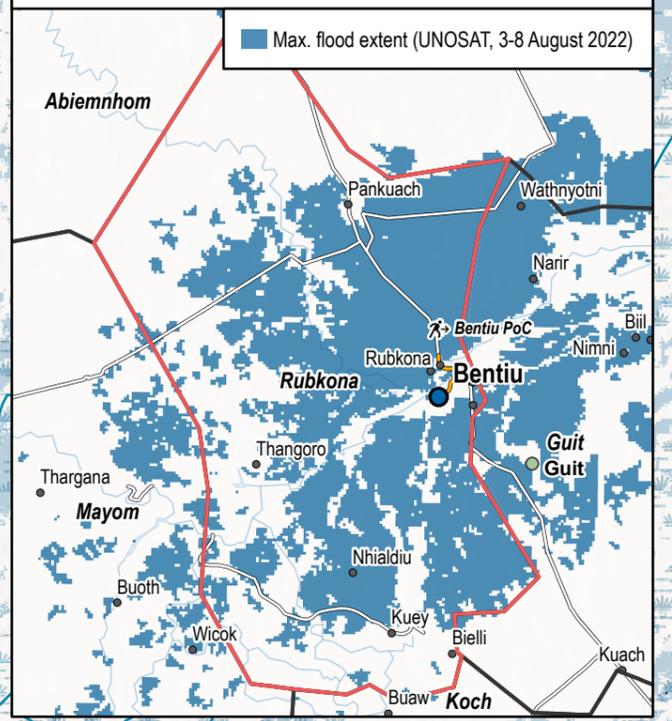


Key infrastructure and estimated maximum flood exposure (2019-2021)

Estimated flood extent, Rubkona county - 3-8 August 2022 (UNOSAT)



- | | | |
|---|--|--|
| <p>Estimated maximum flood extent</p> <p>Date</p> <ul style="list-style-type: none"> Oct 2021 Oct 2021 + Oct 2020 or Oct 2019 Oct 2021 + Oct 2020 + Oct 2019 <p>Infrastructure</p> <ul style="list-style-type: none"> Airstrip Administrative Bridge Church Communication tower | <ul style="list-style-type: none"> Education (operational) Education (temporary setup) Education (not operational) Healthcare (operational) Healthcare (temporary setup) Healthcare (not operational) Market Mosque Nutrition centre Nutrition centre (temporary setup) Water point | <ul style="list-style-type: none"> PoC IDP Site Dykes Tarmac roads Unsurfaced roads Rivers <p>Settlements</p> <ul style="list-style-type: none"> State capital County capital Major settlement |
|---|--|--|

Map shows estimated maximum flood extent in October 2021, with areas flooded in October 2020 and 2019 also shown. Analysis conducted in Google Earth Engine using Sentinel 1 SAR data and calculation of normalised difference water index (NDWI) using Sentinel 2 imagery. Flood extent estimated, with some verification in field and using high resolution satellite imagery.

Infrastructure data from IOM (2021) and REACH survey (June 2022). Health and education functionality information provided by partners including WHO and Windle Trust. Dyke layout data from IOM (2022). Note that dyke layers are drafts developed for operational purposes, final validation ongoing hence not final approved IOM material. Road data from OSM (2020) and REACH (2020).

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, associates, donors mentioned on this map.

OSM source: ©OpenStreetMap contributors
Coordinate System: WGS 1984 UTM Zone 36N
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