Map shows three flood models for 5, 50 and 500 year probability events for planning purposes.

The 90-meter resolution Digital Elevation Model (DEM) available for the study for the affected area was the Shuttle Radar Topography Mission Digital Elevation Model (SRTM DEM).

Flood extents and flood depths were derived by performing one dimensional hydraulic routing through the Shire River system for key return period discharges; and these were validated using satellite images of recent flood events.

Data sources:
- Settlements: OSM
- Physical: Geonode
- Boundaries: MASDAP
- Flood Extents: Atkins
- Elevation: NASA/JPL-Caltech/NGA

Created: 16 Feb 2015 / 12:00 UTC +2
Map Document: MA117_Flood_ModelsA3
Projection / Datum: WGS 1984 UTM ZONE 36S
Glide Number: FL-2015-000006-MWI