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Heavy Rainfall & Flood Event

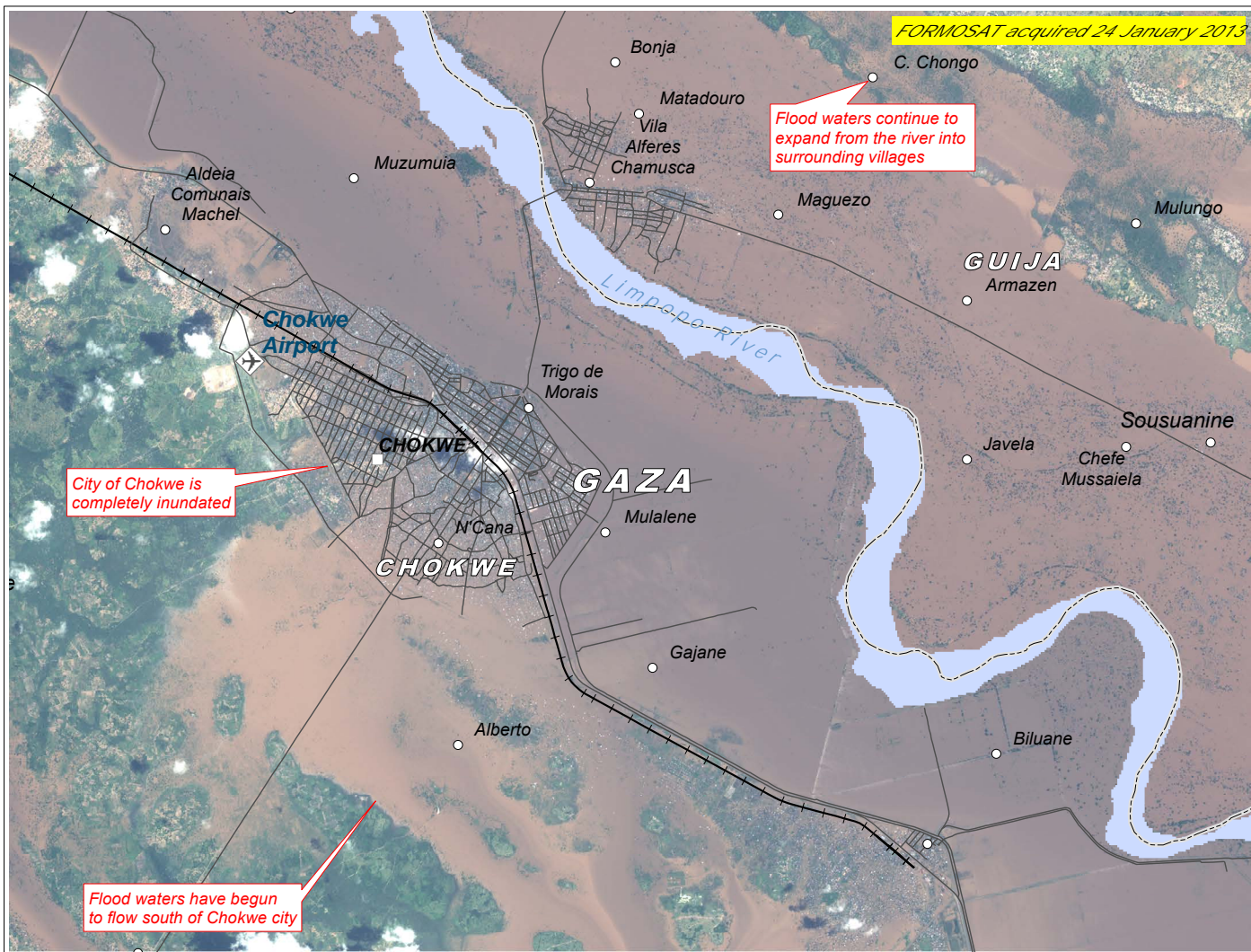


Production Date: 24/01/2013
Version 1.0
Activation Number:
FL-20130121-MOZ

SITUATION UPDATE 1: FLOODS OVER CHOKWE & GUIJA DISTRICT, GAZA PROVINCE, MOZAMBIQUE



This map illustrates satellite-detected areas flood waters along the Limpopo River in the Guija and Chokwe districts of Gaza Province, Mozambique, as detected by FORMOSAT-2 imagery acquired 24 January 2013. There has been a dramatic increase of flood waters from 23rd – 24th January 2013. Multiple villages including the city of Chokwe are completely inundated by flood waters along the river. Flood waters have begun streaming south of Chokwe city into surrounding agricultural areas, also affecting villages south of the city. East of the Limpopo river additional villages are inundated as flood waters progress south east from the river. Large sections of road and railroad are also potentially affected. This is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.



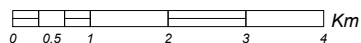
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LEGEND

- City
- Town
- ✈ Airport
- Roads
- +++ Railroad
- District
- Pre-Crisis Water Extent
- International Border

Center Coordinates: 33°1'8.42"E 24°32'10.04"S

Map Scale for A4: 1:97,240



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Satellite Data: Formosat-2
Imagery Dates: 24 January 2013
Resolution: 8m
Copyright: CNES 2013
Source: CNES
Road Data : Google Map Maker / OSM / ESRI
Other Data: USGS, NASA, NGA, ESRI

Analysis : UNITAR / UNOSAT
Production: UNITAR / UNOSAT
Analysis conducted with ArcGIS v10.1
Coordinate System: WGS 1984 UTM zone 36S
Projection: Transverse Mercator
Datum: WGS 1984
Units: Meter

Disaster coverage by the International Charter 'Space and Major Disasters'. For more information on the Charter, which is about assisting the disaster relief organizations with multi-satellite data and information, visit www.disasterscharter.org



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