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United Nations Institute for Training and Research

UNOSAT

Heavy Rainfall & Flood Event



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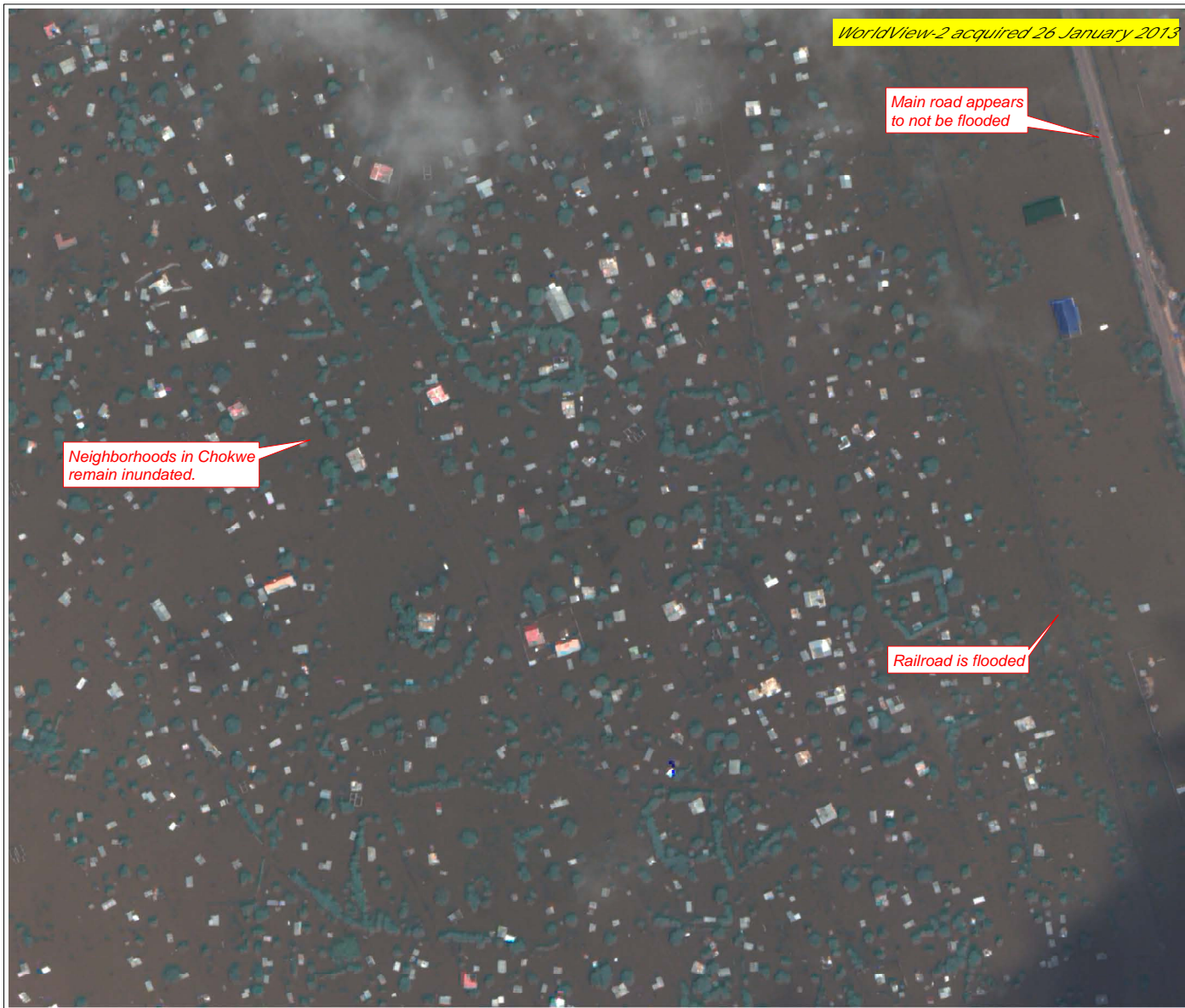
Activation Number:

FL-20130121-MOZ

SITUATION UPDATE 2: FLOODS OVER CHOKWE CITY, GAZA PROVINCE, MOZAMBIQUE

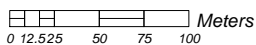


This map illustrates satellite-detected areas of flood waters along the Limpopo River in the city of Chokwe of Gaza Province, Mozambique, as detected by WorldView-2 imagery acquired 26 January 2013. Multiple villages including the city of Chokwe are completely inundated by flood waters along the river. However flood waters appear to be receding in this area as they move south of Chokwe. Flood waters have reached as far as Xai Xai south of Chokwe 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 affected. This is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.



Center Coordinates: 33°0'9.43"E 24°32'47.60"S

Map Scale for A4: 1:4,220



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Satellite Data: WorldView-2
Imagery Dates: 26 January 2013
Resolution: 0.5m
Copyright: Digital Globe 2013
Source: USGS
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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