# FLOOD AFFECTED AREAS IN CENTRAL DAKAR, SENEGAL

Flood Analysis with Radarsat-2 Data Acquired on 04 September 2009 & Spot-5 Data Acquired on 11 May 2009

17°24'0"W

17°24'30"W

17°23'30"W

17°23'0"W

17°22'30"W

This map illustrates satellite-detected areas of possible flood the lack of archived radar data of corresponding sensor waters and flood-affected areas within the central section of the capital city of Dakar, Senegal, as based on change detection along narrow streets have been significantly underestimated, methods using Radarsat-2 data acquired 4 September and pream of the some detected water bodies shown in the map are crisis Spot-5 imagery acquired 11 May 2009. Pre-crisis errors resulting from the interaction of the satellite radar signals Radasat-1 from 5 September 2006 was also used. Please note with buildings. This flood assessment is a preliminary analysis there is an associated high degree of uncertainty for this flood. A has not yet been validated in the field. Please send ground assessment resulting from the dense urban environment and feedback to UNITAR / UNOSAT.

a of corresponding sensor landing water bodies located significantly underestimated, significantly underestimated, or the satellite radar signals ment is a preliminary analysis the field. Please send ground

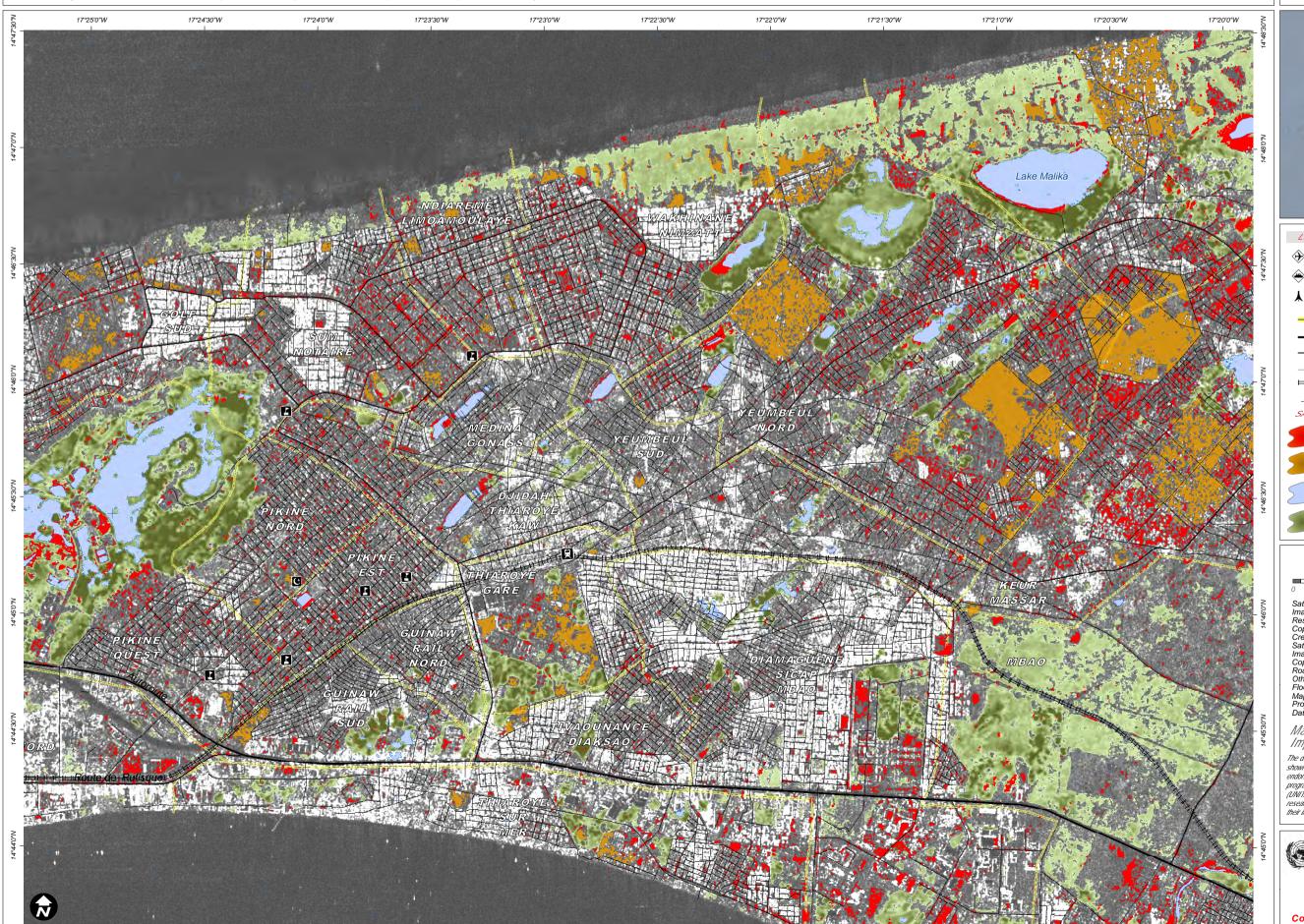


Heavy Rainfall 7 September 2009 & Flooding



Version 1.0

Glide No: FL-2009-000164-SEN



17°21'30"W

17°21'0"W

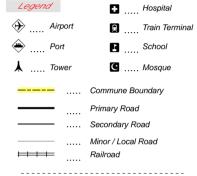
17°20'30"W

17°20'0"W

17°19'30"W

17°22'0"W





## SATELLITE ASSESSMENT CLASSIFICATION: Possible Flood Water / Flood-Affected Area (4 September 2009 - Radarsat-2) Possible Flood-Affected Area or

Possible Flood-Affected Area or Saturated, wet soil (4 September ..... 2009 - Radarsat-2)

Pre-Crisis Standing Waters
..... (11 May 2009 - Spot5)



#### Map Scale for A3: 1:30,000

#### Map Data © 2009 Google -Improve with Google Map Maker

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### UNOSAT

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