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

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