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United Nations Institute for Training and Research

UNOSAT

Monsoon Rains & Flooding

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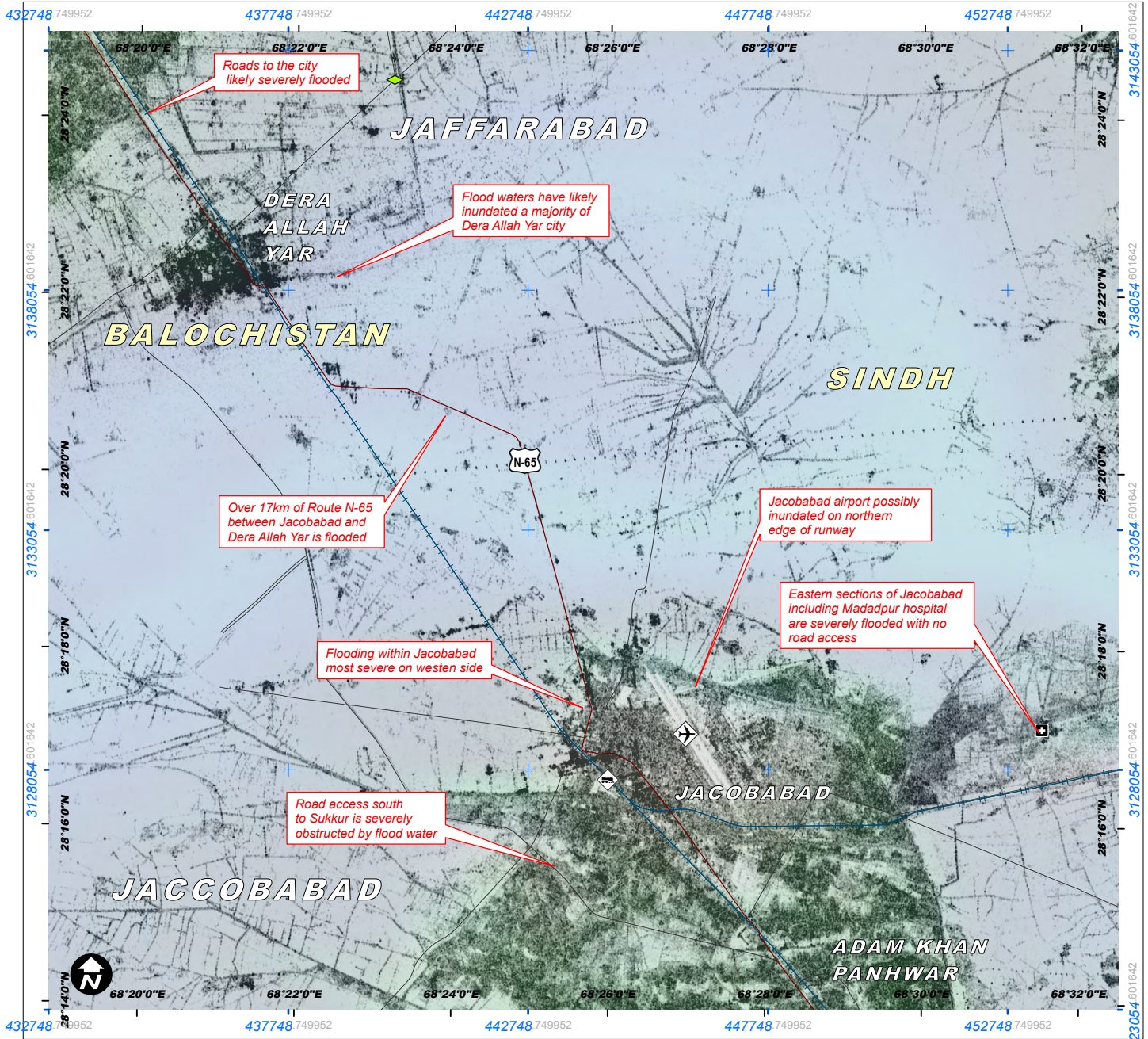
SITUATION UPDATE 1: CURRENT FLOODING OF JACOBABAD & DERA ALLAH YAR CITIES, SINDH & BALOCHISTAN PROVINCES

Flood Update Based on Radarsat-2 Satellite Data Recorded 21 August 2010

This map presents a situational update on the current flood water status for the cities of Jacobabad & Dera Allah Yar cities, Sindh and Balochistan Provinces based on Radarsat-2 satellite data recorded on 21 August 2010. Both cities have been severely affected by the rising flood waters over the last week; flood waters have likely inundated a majority of Dera Allah Yar city and cut road access from all sides; eastern sections of Jacobabad including

Madadpur hospital are severely flooded with no functional road access; the flooding within the western side of the city is also severe; the Jacobabad airport has possible water inundation on the northern edge of the runway; over 17km of route N-65 between Jacobabad and Dera Allah Yar is now completely flooded; Further, as predicted in an earlier analysis released on 18 August (Product ID: 1480), Jacobabad has now been completely encircled

by flood water, leaving no functional land transport routes for aid or evacuation. This situational analysis is based on a rapid visual assessment of current satellite data available over this area and will be revised and updated as new data becomes available; this analysis has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

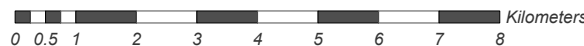


- Health Facility
- Airport / Airfield
- Barrage
- Bridge
- Primary Road
- Secondary Road
- Railroad
- Train station

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



Map Scale for A4: 1:125,000



The depiction and use of boundaries, geographic names and related data shown here are not warranted to be error-free nor do they imply official endorsement or acceptance by the United Nations. UNOSAT is a program of the United Nations

Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian & development agencies & their implementing partners.

Crisis Satellite Data (1): RADARSAT-2
Resolution: 25 meters
Image Date: 5 August 2010
Copyright : Radarsat 2 © MDA 2010
Source: Canadian Space Agency
GIS Data: NGA, OCHA, USGS, OSM
Transport Data: Google Map Maker
Transport Data Copyright: © 2009 Google - Improve with Google Map Maker
Reference Imagery: ESRI WMS 2010
Hospital Data: WHO
Background Imagery: Radarsat-2 / MODIS fusion
Flood Analysis: UNITAR / UNOSAT
Projection: UTM Zone 42N
Datum: WGS-84

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