Flood Waters between Dadu and Shahdadkot towns and its surrounding Areas, Sindh Province, Pakistan

29 August 2010
FL-2010-000141-PAK
Version 1.0

Index map

This map shows daily variation in flood water extent along the Indus rivers in parts of Sindh provinces based on MODIS Terra datasets from August 26 to August 28, 2010.

Our analysis shows that a increase of flood waters has further inundated the south of Shahdadkot, Western side of Qambar and north of Mehar towns. For the last 24hrs more than 131,435 are inundated by flood water affected several villages and croplands. On Saturday, six breaches were made in a canal on the border between Shahdadkot and Dadu to save the town of Warah from flooding amid resistance from people living on the Dadu side. Atleat 40 villages and 60 kilometers of roadways were severely affected using the geospatial data and observation from Google earth.

This analysis also used Pre river line MODIS data for September 19, 2009 to show identify flood water only.
Please note that water bodies likely reflect an underestimation of all flood-affected areas within the map extent due to cloud, atmospheric variations and other reasons. This analysis has not yet been validated in the field. Please send ground feedback to ICIMOD / MENRIS.

Crisis Satellite data	: MODIS Terra / Aqua
Resolution	: 250m
Image date	: August 26-28, 2010
Source	: NASA
Pre-flood Image	: MODIS Terra / Aqua
Resolution	: 250m
Image date	: September 19, 2009
Source	: NASA
Baseline Imagery	: MODIS Aqua Aug 22, 2010
Source	: NASA
GIS Data	: Universiyt of Georgia, USA
Flood Analysis	: ICIMOD
Projection	: Geographic, WGS84

Legend

- Pre-Flood River Line (2009)
- Flood Water extent (Aug 26)
- Flood Water extent (Aug 27)
- Flood Water extent (Aug 28)
- Airport
- Heliport
- Major airfield
- Minor airport
- Division / Tehsil
- Villages/towns
- Rivers
- Rural road
- Urban road
- Railways
- Urbanized area
- Administration boundary

Map Scale for 1:1,000,000
0 3.5 7 14
Kilometres
Map layout designed for A1 Printing (36 x 24 inch)

Map prepared by: ICIMOD, SERVIR Himalaya

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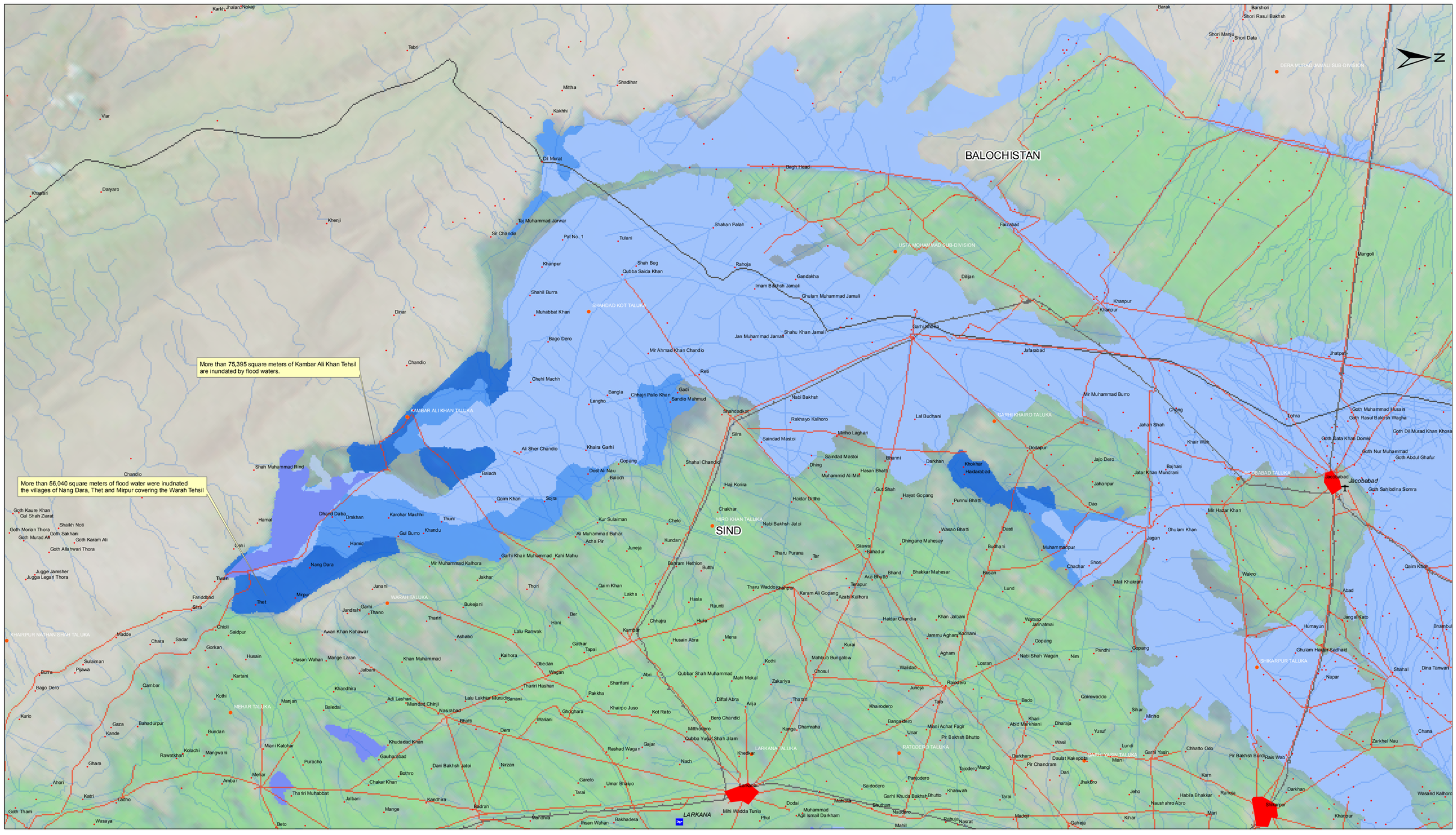
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