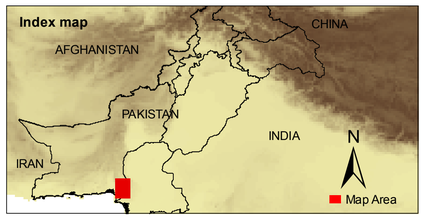
Flood Waters at South of Sujawal Town, Mirpur Bathoro Tehsil, Sindh Province, Pakistan

01 September 2010
FL-2010-000141-PAK
Version 1.0



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 27 - 29 and September 1, 2010.

Floodwaters released from a breach at Kot Almo embankment are now heading towards coastal towns of Jati and Chuhar Jamali, in Shah Bandar, after inundating south of Sujawal town and most parts of Mirpur Bathoro tehsil. Approx. 325 sq.kms of flood waters has inundated several villages and cropland areas as observed on September 1, 2010.

Forty per cent of the population in Jati and 20 per cent in Shah Bundar have been evacuated. About 65 per cent area of the two talukas, with a combined population of 275,000, has been inundated. With all roads being under water, Sujawal has been cut off from the rest of the province. [Dawn Source]

This analysis also used Pre river line MODIS data for September 19, 2009 to show identify flood water only.
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	: Aug 27-29 and Sep 1 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)
- Flood Water extent (Aug 29)
- Airport
- Heliport
- Major airfield
- Minor airport
- Division / Tehsil
- Villages/towns
- Rivers
- Rural road
- Urban road
- Railways
- Urbanized area
- Administration boundary

Map Scale for 1:250,000
0 5 10 20
Kilometers
Map layout designed for A1 Printing (36 x 24 inch)

Map prepared by: ICIMOD
Supported by: USAID FROM THE AMERICAN PEOPLE
SERVIR Himalaya
NASA

The depiction and use of international boundaries, geographic names and related data shown in these maps are based on the sources they have been drawn from and quoted; these are neither error-free nor do they imply official endorsement or the position of ICIMOD

More tha 11,151.68 sq.kms of flood waters have advanced towards Panhware and Western side of Sujawal town. Over all the last 24hrs several villages could have inundated by flood waters as observed on 28 August 2010

The floodwaters also affected a naval airbase near Old Saeedpur, submerging its helipad, an administrative block and barracks.

More than 97.24 square kilometers of flood waters have inundated /submerged Sujawal town. Approx. 250,000 people have been affected during the last 24hrs as observed on August 29, 2010

Floodwaters released from a breach at Kot Almo embankment are now heading towards coastal towns of Jati and Chuhar Jamali, in Shah Bandar, after inundating Sujawal town and most parts of Mirpur Bathoro tehsil Approx. 325 sq.kms of flood waters has inundated several villages and cropland areas as observed on September 1, 2010.