Flood Analysis with Radarsat-2 Data Recorded 25 March 2009 & ENVISAT-ASAR (WSM) Recorded 17-20 March 2009

This map illustrates satellite-detected increase in flood water extent along the Chobe River between the dates 17, 20 and 25 March 2009 in the Caprivi Region, Namibia. Flooded areas are sorted into 4 classes as follows: red areas represent the spread of flood waters from 20 to 25 March; orange areas the spread from 17 to 20 March; yellow areas the extent of flood water on 17 March 2009; and blue areas represent pre-flood water from multiple dates. Flood analysis was made using Radarsat-2 & ENVISAT-ASAR data. Because of the difference in satellite sensors, there is some uncertainty about the exact level of flood extent change over time. This flood detection is a preliminary analysis & has not been validated & have not been verified.

Disaster coverage by the International Charter 'Space & 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

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Map Scale for A3: 1:185,000

Legend

- Capital
- Airfield
- Region Border
- Constituency Border
- Village
- Road
- Health Center
- Village / Clinic
- Rail / Trail
- Height (m)
- Drainage Line

FLOOD WATER EXPANSION ANALYSIS
Relative increase in Flood Water Extent

- Extent of Flood Waters Increase (25 March 2009)
- Extent of Flood Waters Increase (20 March 2009)
- Extent of Flood Waters Increase (17 March 2009)

Pre Flood Water
- Global water database

Map Production... UNOSAT (27 March 2009)
Projection...... UTM Zone 34 South
Datum........... WGS 1984

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- Global water database

27 March 2009
Version 1.0
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25 March 2009
Radarsat-2

20 March 2009
ASAR WSM

17 March 2009
ASAR WSM