OVERVIEW OF FLOOD WATERS IN KILINOCHCHI DISTRICT, SRI LANKA

Flood Analysis with Radarsat Data Recorded 1 December 2008 & 21 June 1998 & ENVISAT-ASAR Data Recorded 11 November 2008

This map illustrates satellite-detected water over the flood-affected district of Kilinochchi, Sri Lanka. RadarSat data acquired on 1 December 2008 at a spatial resolution of 25m. Pre-flood Radarsat data from 21 June 1998 and ENVISAT data from 11 November 2008 was also used in this analysis. The Flood Assessment was preliminary and has not yet been validated in the field.

Satellite Data ........ Radarsat (25m)
Date ..................... 1/12/2008 & 21/6/98
Source................... Canadian Space Agency (2008)
Satellite Data (2) ... ENVISAT-ASAR WSM
Date ..................... 11 November 2008
Source................... ESA (2008)
Other Data ............ GIST, OCHA, ESRI, USGS, NGA
Flood Analysis ...... UNOSAT (2008)
Map Production .... UNOSAT (2008)
Projection ............. UTM Zone 44 North
Datum .................. WGS 1984
Map Scale for A3: 1:120,000

Contact Information: info@unosat.org
24/7 Hotline: +41 76 487 4998
www.unosat.org

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. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Program (UNOSAT). UNOSAT provides satellite imagery & related geographic information to UN humanitarian & development agencies & their implementing partners.

PANDISUDDAN
KANDAVALAI
TADDUVANKODDI
PARANTAN
VATTIRAYAN
ALIPALAI
VADDAKKACHCHI
KILINOCHCHI
KADDAIKADU
SORANPATTU
UDAIYARTHURAI
MULLIYAN
THATTANTOTAM
IYAKACHCHI
80°36’0”E
9°36’0”N
3 December 2008
Version 1.0
Glide No: TC-2008-000237-LKA

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

Heavy Rainfall & Flooding

RADARSAT WATER CLASSIFICATION:
- Flood Water / Flood-Affected Areas (1 December 2008)
- Pre-Crisis Standing Waters (21 June 1998)
- Spotted Depth
- Main Road
- Railroad
- Built-up Area
- Forest Cover
- Protected Natural Area
- Division Boundary
- District Boundary
- City

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