Overview of Satellite Detected Flood Waters
Along the Prut River, Republic of Moldova

Flood Analysis with MODIS Terra Satellite Image as of the 24 and 29 July 2010

This map illustrates probable standing flood waters along the Prut River at the Border of the Republic of Moldova and Romania. This flood analysis is based on MODIS Terra satellite imagery recorded on 24 and 29 July 2010. Areas of potential / probable floodwater have been identified and marked in the overview map in red.

Overall the flooding appears to be relatively contained along the southern section of the Prut River, with smaller potentially flooded/flood-affected areas in the north of the Republic of Moldova. There is a suspected bridge damage along an international border crossing west of the city of Cahul, Moldova. The two international bridges linking Romania with the Moldovan city of Gurguiúvăc appear intact and fully operational.

This map product shows an overview of flooding along the Prut River in two overlapping map subsets. The scale for both frames is 1:600,000 and the left frame is rotated clockwise 28°. In the right side of the map previous UNOSAT analysis extents are indicated with a box.

This analysis has certain limitations because of the relatively low resolution of the satellite imagery. This flood assessment is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

Map Frame NORTH

Map Frame SOUTH

Legend

Bridge (key functions)

Bridge Potentially Flooded / Damaged

Probable Flood Waters

Normal Pre-flood water / River

Data frame

Map Extent

Extent (Multiple sources)

Normal Pre-flood water / River

Probable flood waters as of 24 and 29 July 2010

Overall the flooding appears to be relatively contained along the southern section of the Prut River, with smaller potentially flooded/flood-affected areas in the north of the Republic of Moldova. There is a suspected bridge damage along an international border crossing west of the city of Cahul, Moldova. The two international bridges linking Romania with the Moldovan city of Gurguiúvăc appear intact and fully operational.

This map product shows an overview of flooding along the Prut River in two overlapping map subsets. The scale for both frames is 1:600,000 and the left frame is rotated clockwise 28°. In the right side of the map previous UNOSAT analysis extents are indicated with a box.

This analysis has certain limitations because of the relatively low resolution of the satellite imagery. This flood assessment is a preliminary analysis & has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.

Map Scale

for A3 Prints: 1:600,000

Note: the International Border follows the course of the Prut River

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

UNOSAT

Copyright © 2012 UNITAR / UNOSAT