Overview of Flood Waters around the town of Phra Nakhon Si Ayutthaya, Thailand

Flood Analysis with SPOT 4 Satellite Imagery Recorded on 30 October 2010

This map presents the potential flood affected lands around the town of Phra Nakhon Si Ayutthaya in Ayutthaya Province and close to the Chao Phraya River. SPOT 4 crisis imagery was acquired on 30 October 2010 and has a pan-sharpened resolution of 10m. This image was compared with a pre-crisis SPOT 5 with 10m resolution showing the situation as of 6 December 2007. Due to the extensive presence of rice fields over the observed area and a pre image of the same season, the analysis has a high level of ambiguity detected water bodies likely reflect an overestimation of all flood-affected areas within the map extent, because of confusion with cultivated rice fields. This analysis has not yet been validated in the field. Please send ground feedback to UNITAR / UNOSAT.