Flood Analysis with PALSAR Satellite Imagery Recorded on 30 October 2010

Overview of Flood Waters in Phichit and Nakhon Sawan Province, Thailand

Nakhon Sawan Province, Thailand

Flood Analysis

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The Town Nakhon Sawan is likely affected by flood water

Standing water on rice fields, possible confusion with flood water

Probable Flood Waters or flood affected rice fields as on 30 October 2010

Permanent Water Bodies

This map presents the potential flood affected lands around Pak Nam Pho, Nakhon Sawan Province and Chao Phraya river in Thailand. There is possibility of floods extending outside Pak Nam Pho town in the near future. PALSAR imagery was acquired on 30 October 2010 and has a resolution of 100m. Due to the extensive presence of rice fields over the observed area, the analysis has a high level of uncertainty. Detected water bodies likely reflect an overestimation of all flood-affected areas within the map extent, because of the used L-band SAR sensor. This analysis has not yet been validated in all flood-affected areas within the map extent, because of the used L-band SAR sensor. This analysis has not yet been validated in all flood-affected areas within the map extent. The near future. PALSAR imagery was acquired on 30 October 2010 and has a resolution of 100m. Due to the extensive presence of rice fields over the observed area, the analysis has a high level of uncertainty. Detected water bodies likely reflect an overestimation of all flood-affected areas within the map extent, because of the used L-band SAR sensor. This analysis has not yet been validated in all flood-affected areas within the map extent. The near future. PALSAR imagery was acquired on 30 October 2010 and has a resolution of 100m. Due to the extensive presence of rice fields over the observed area, the analysis has a high level of uncertainty. Detected water bodies likely reflect an overestimation of all flood-affected areas within the map extent, because of the used L-band SAR sensor. This analysis has not yet been validated in all flood-affected areas within the map extent. The near future.