

FLOOD AFFECTED AREAS ALONG THE PASIG & MARIKINA RIVERS IN MANILA METRO AREA AND RIZAL PROVINCE, PHILIPPINES

Analysis with Alos Palsar data acquired on 26 Sept. 2009 & 26 June 2009

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



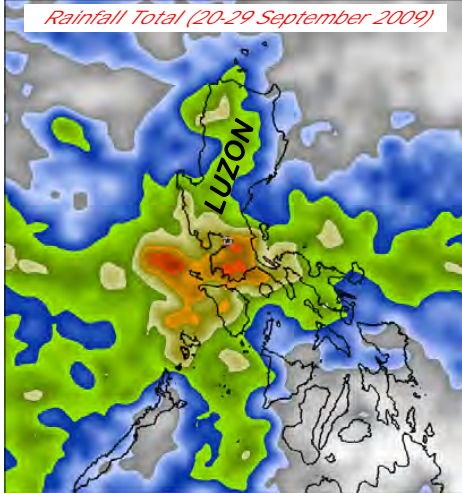
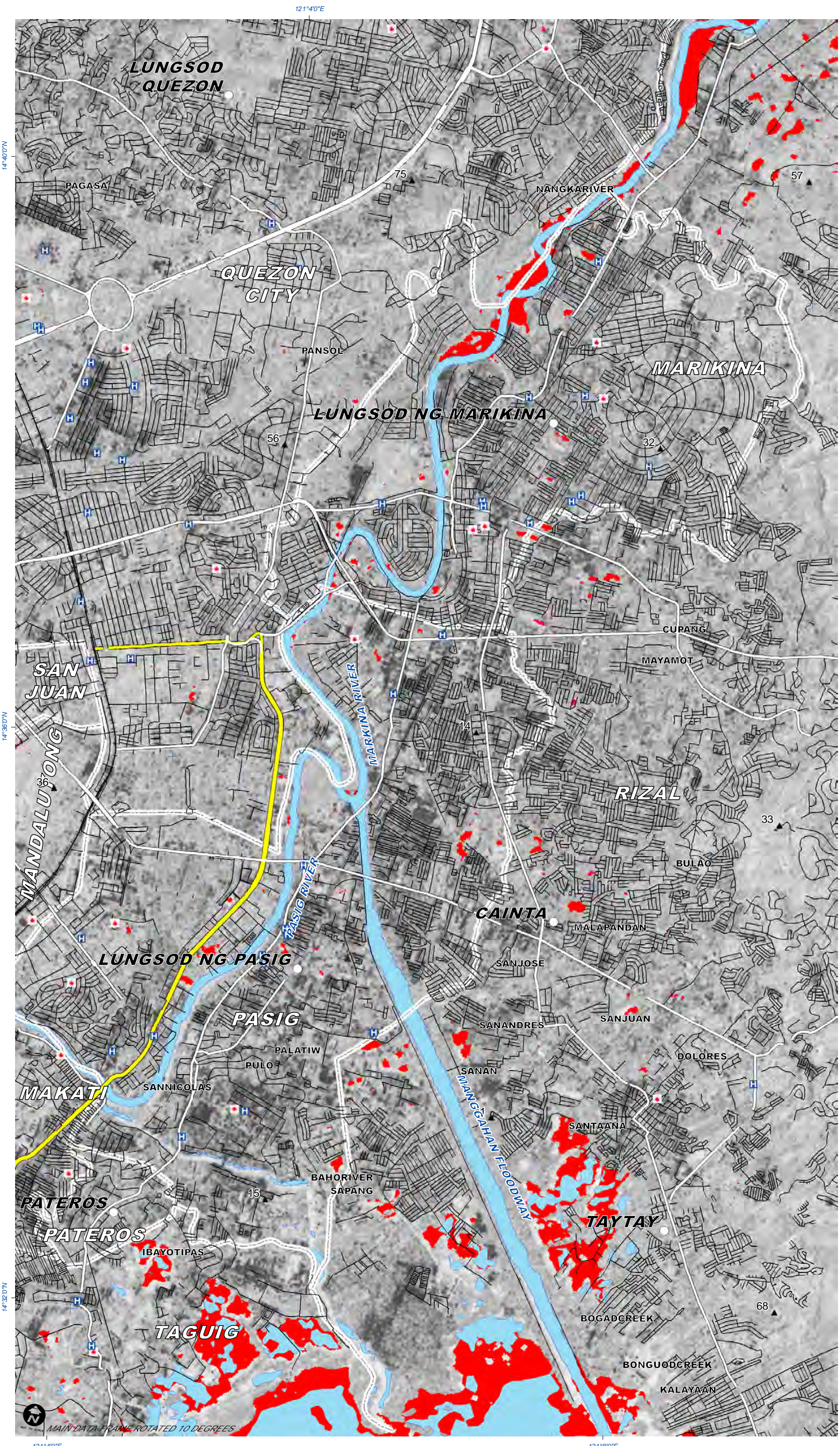
Tropical Cyclone

30 September 2009

Version 1.1



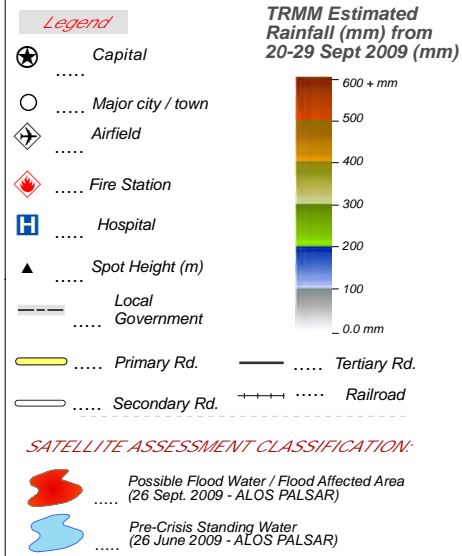
Glide No: TC-2009-000205-PHL



Legend

This map illustrates satellite-detected areas likely affected by flood water in Metro Manila Region and Rizal Province, Philippines, as based on change detection methods using ALOS-PALSAR data acquired over the area on 26 June and 26 September 2009. The newly released ASTER global elevation model (GDEM) was also used in the flooding analysis. This flood assessment is a preliminary analysis & has not yet been validated in the field.

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. UNOSAT is a program of the United Nations Institute for Training and Research (UNITAR), providing satellite imagery and related geographic information, research and analysis to UN humanitarian & development agencies & their implementing partners.



Map Scale for A3: 1:50,000

0 0.5 1 2 Kilometers

Satellite Data (1) ALOS-PALSAR
 Imagery Dates 26 June and 26 September 2009
 Resolution 12.5 m
 Copyright JAXA (2009)
 Elevation Data ASTER GDEM
 Resolution 27m
 Source METI & NASA 2009
 Rainfall Data TRMM (NASA)
 Road Data Google Map Maker 2009
 Other Data OSM, ESRI, USGS, NGA
 Flood Analysis UNITAR / UNOSAT
 Map Production UNITAR / UNOSAT
 Projection UTM Zone 51 North

Map Data © 2009 Google - Improve with Google Map Maker

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