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



30 September 2009

Tropical

Cýclone

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Version 1.1

QUIRINO

AURÓRA

PHILIPPINE

QUEZON

TRMM Estimated Rainfall (mm) from 20-29 Sept 2009 (mm)

600 + mr

Tertiary Rd.

---- Railroad

500

VIZCAYA LUZON

NUEVA

ecija

BULAGAN

Metro RIZAL

BATANGAS

LAGUNA

ORIENTAL

MINDORO

Manilà

GÁVITE

Glide No: TC-2009-000205-PHL

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



Map Scale for A3: 1:50,000	
	Kilometers
0 0.5 1	2
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

