

ESTIMATED TOTAL POPULATION LIVING WITHIN FLOOD-AFFECTED AREAS, MYANMAR

Flood Analysis with MODIS Terra & Aqua Data Recorded 5 May & 15 April 2008; and LandScan 2005

This map provides an estimate of those potentially-affected people living directly within flooded areas of southern Myanmar. Red areas shown in the map represent standing flood waters identified from MODIS satellite imagery acquired on 5 May 2008 at a spatial resolution of 250m. Population estimates have been aggregated by township using the LandScan 2005 database. This flood detection is a preliminary analysis & has not yet been validated in the field.



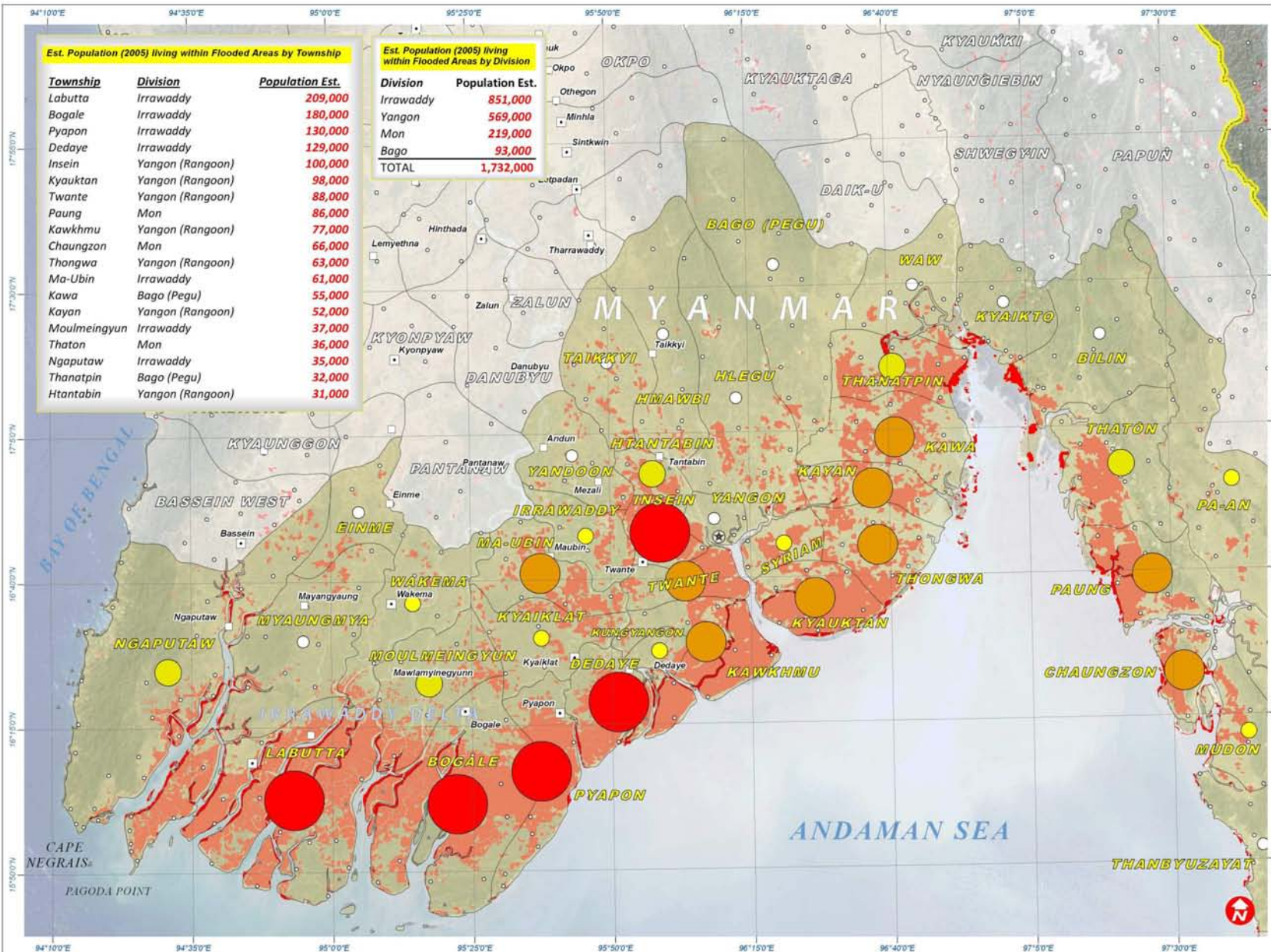
Cyclone Nargis
6 May 2008

6 May 2008

Version 1.2



TC-2008-000057-MMR



Est. Population (2005) living within Flooded Areas by Township

Township	Division	Population Est.
Labutta	Irrawaddy	209,000
Bogale	Irrawaddy	180,000
Pyapon	Irrawaddy	130,000
Dedaye	Irrawaddy	129,000
Insein	Yangon (Rangoon)	100,000
Kyauktan	Yangon (Rangoon)	98,000
Twante	Yangon (Rangoon)	88,000
Paung	Mon	86,000
Kawkhmu	Yangon (Rangoon)	77,000
Chaungzon	Mon	66,000
Thongwa	Yangon (Rangoon)	63,000
Ma-Ubin	Irrawaddy	61,000
Kawa	Bago (Pegu)	55,000
Kayan	Yangon (Rangoon)	52,000
Moulmeingyun	Irrawaddy	37,000
Thaton	Mon	36,000
Ngaputaw	Irrawaddy	35,000
Thanatpin	Bago (Pegu)	32,000
Htantabin	Yangon (Rangoon)	31,000

Est. Population (2005) living within Flooded Areas by Division

Division	Population Est.
Irrawaddy	851,000
Yangon	569,000
Mon	219,000
Bago	93,000
TOTAL	1,732,000



Legend

- Capital
- City / Large Town
- Town
- Village
- International Border

SATELLITE FLOOD ANALYSIS

- Satellite-Detected Flood Waters (5 May 2008)

EST. POPULATION IN FLOODED AREAS

Townships with significant flood waters are labeled in yellow

- 100,001 - 208,875
- 50,001 - 100,000
- 25,001 - 50,000
- 10,001 - 25,000
- 200 - 10,000

EST. CYCLONE NARGIS TRACK & WIND SPEED:

CATEGORY

Category	Wind Speed (knots)	Wind Speed (km/hr)
1	34-43	64-80
2	44-53	81-99
3	54-63	100-118
4	64-82	119-154

Map Scale for A3: 1:1,200,000

0 5 10 20 30 40 50 Kilometers

Cyclone Data NOAA, Un of Hawaii, Tropical Storm Risk
 GIS Data USGS, NGA, ESRI, RespondKeyInfo
 Population Data LandScan 2005
 Satellite Data MODIS-Aqua & Terra
 Imagery Date 5 May & 15 April 2008
 Resolution 250m
 Flood Analysis UNOSAT (5 May 2008)
 Map Production UNOSAT (6 May 2008)
 Projection UTM Zone 46 North
 Datum WGS 1984

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. This map was produced by the United Nations Institute for Training and Research (UNITAR) Operational Satellite Applications Program (UNOSAT). UNOSAT provides satellite imagery & related geographic information to UN humanitarian & development agencies & their implementing partners.

UNOSAT
satellite solutions for all
 Contact Information: info@unosat.org
 24/7 Hotline: +41 76 487 4998
 www.unosat.org