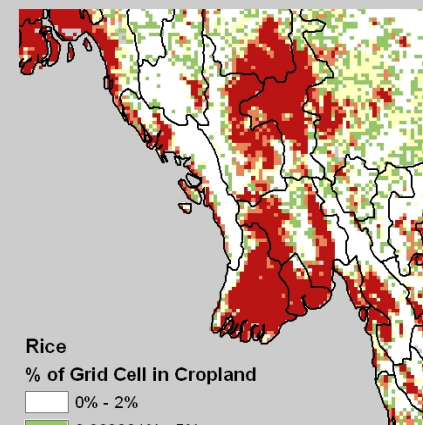
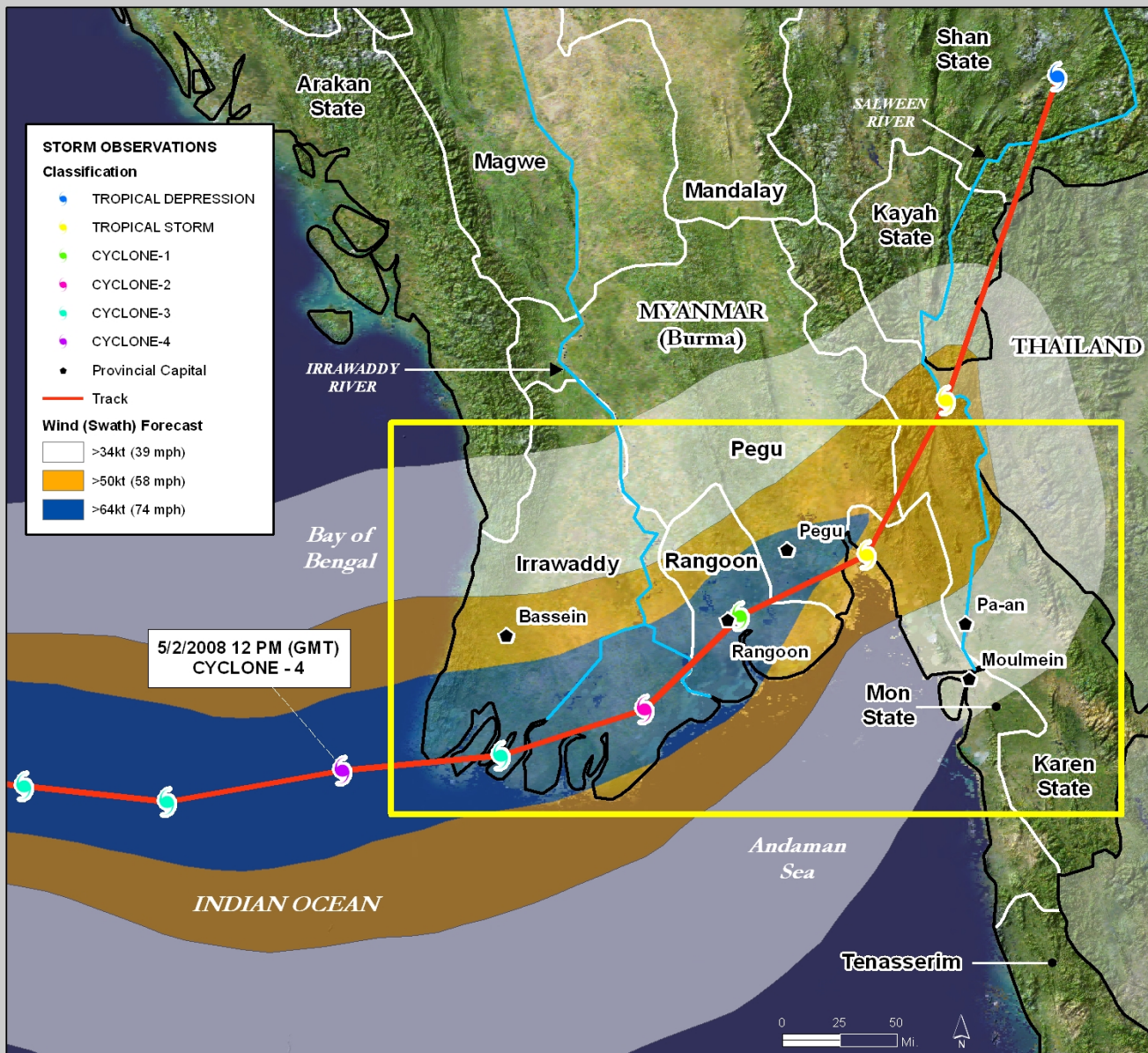


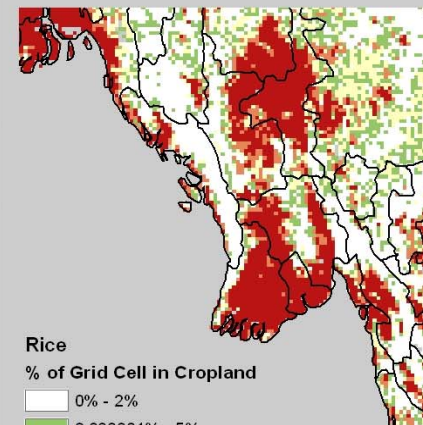
Myanmar (Burma) - Impact Analysis of Tropical Storm Nargis - 2008



Imagery Sources: NASA, USGS-EROS Data Center, Sustainability and the Global Environment (SAGE)
 GIS Sources: USDA, ASRCMS, ESRI, HurricaneMapping.com/Joint Tropical Warning Center - 2008 (<http://metocph.nmci.navy.mil/jtwc.php>)
 Projection: GCS_WGS_1984
 Producer: ASRC Management Services [5/8/08]



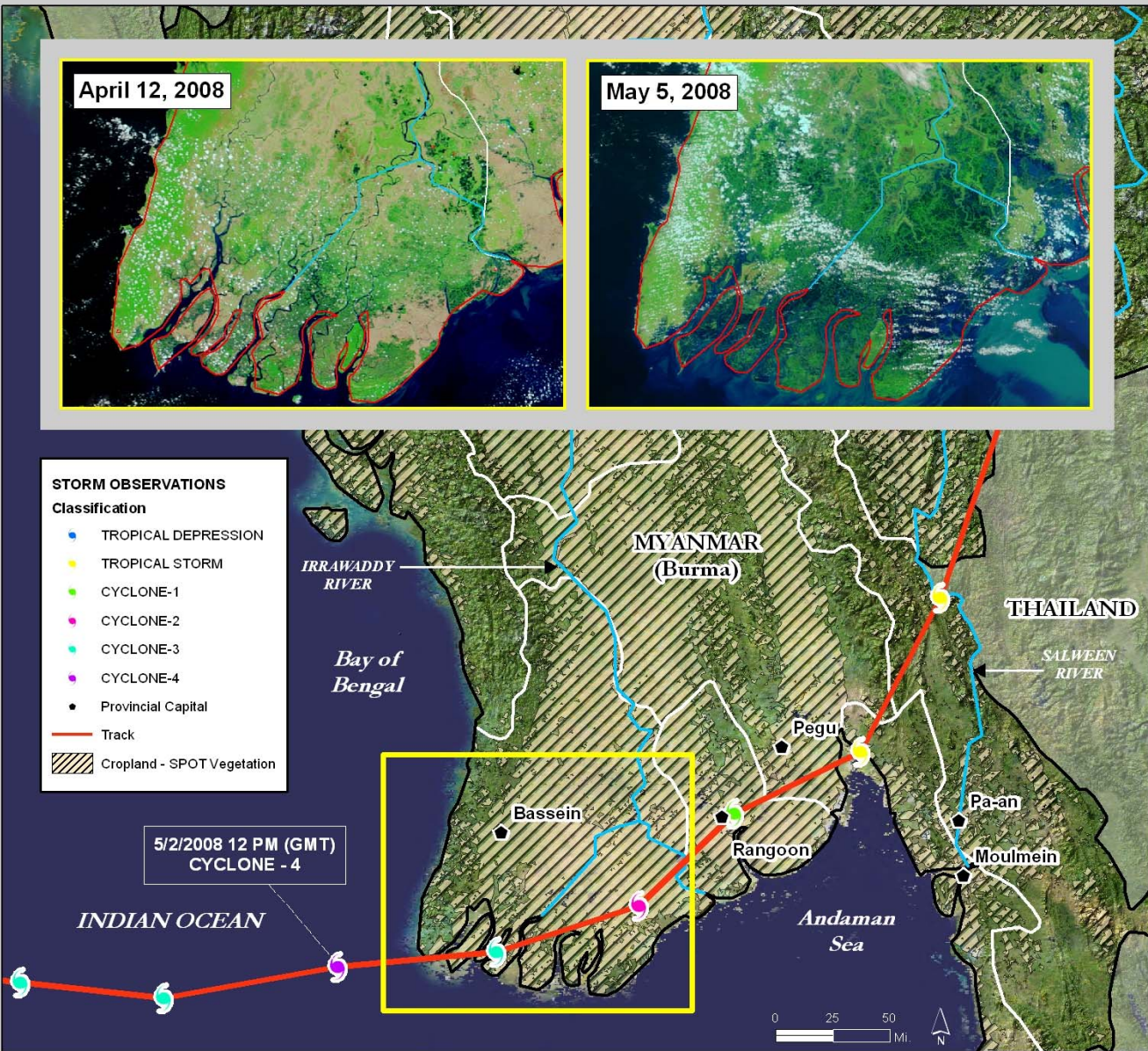
Myanmar (Burma) - Impact Analysis of Tropical Storm Nargis - 2008



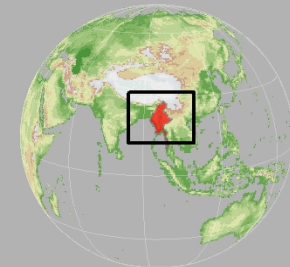
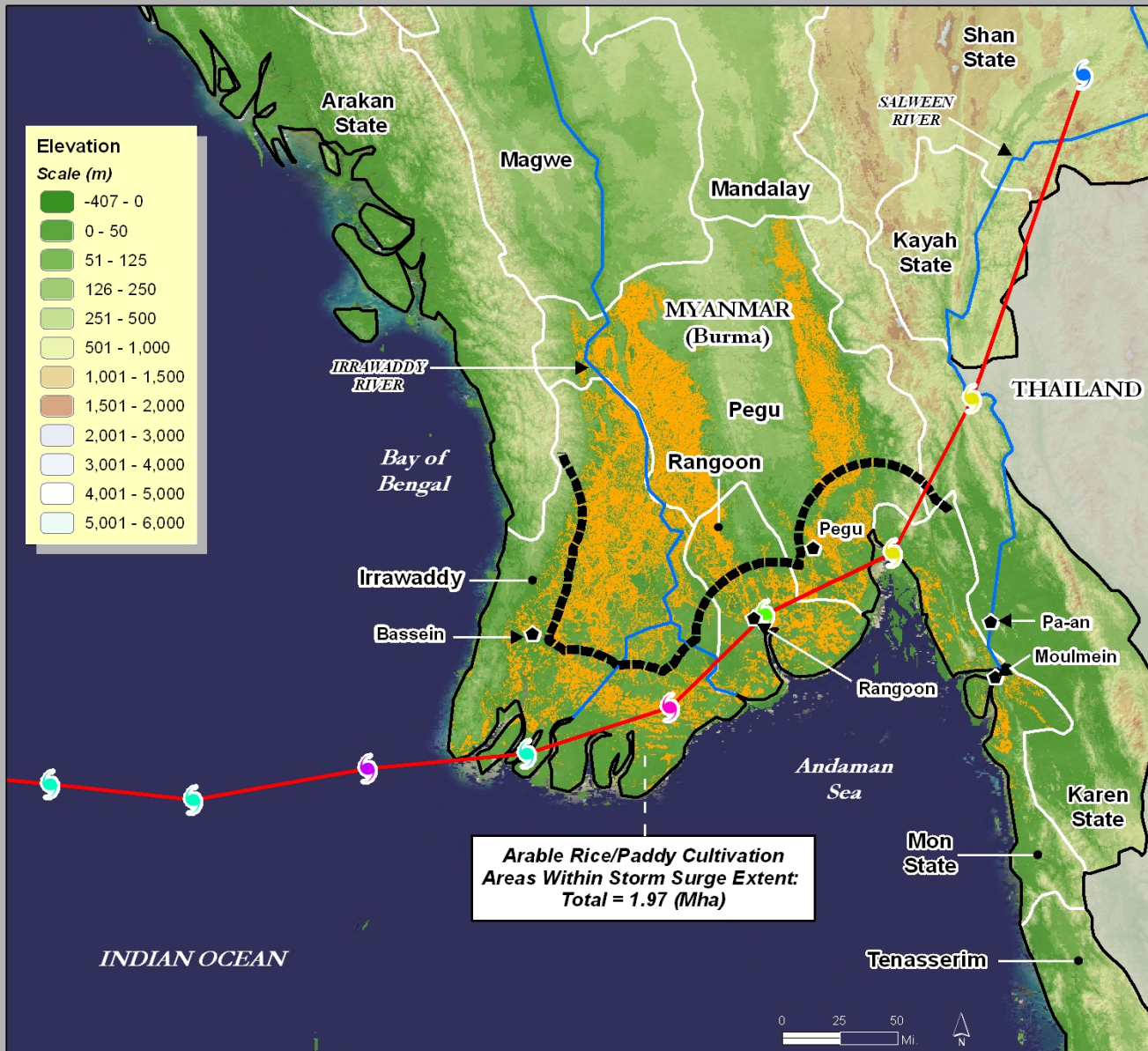
Rice
% of Grid Cell in Cropland

- 0% - 2%
- 2.000001% - 5%
- 5.000001% - 10%
- 10.000001% - 20%
- 20.000001% - 100%

Imagery Sources: MODIS Terra 7-2-1, NASA, USGS-EROS Data Center, SPOT, Sustainability and the Global Environment (SAGE)
 GIS Sources: USDA, ASRCMS, ESRI
 Projection: GCS_WGS_1984
 MODIS Terra Rapid Response System imagery updates every day, at about 1200Z, with images taken during the previous day.
 Producer: ASRC Management Services [5/7/08]



Myanmar (Burma) - Storm Surge Impact Analysis of Tropical Storm Nargis - 2008



Map Legend

STORM OBSERVATIONS

Classification

- TROPICAL DEPRESSION
- TROPICAL STORM
- CYCLONE-1
- CYCLONE-2
- CYCLONE-3
- CYCLONE-4
- Provincial Capital
- Track
- River
- Storm Surge Extent (30 Miles)
- Rice/Paddy

Imagery Sources: NASA, USGS-EROS Data Center
 GIS Sources: USDA, ASRCMS, ESRI, GeoCover LC 2000
 Projection: GCS_WGS_1984
 MODIS Terra Rapid Response System
 imagery updates every day, at about
 1200Z, with images taken during the
 previous day.
 Producer: ASRC Management Services [5/15/08]

Myanmar (Burma) - Cropland Impact Analysis of Tropical Storm Nargis - 2008



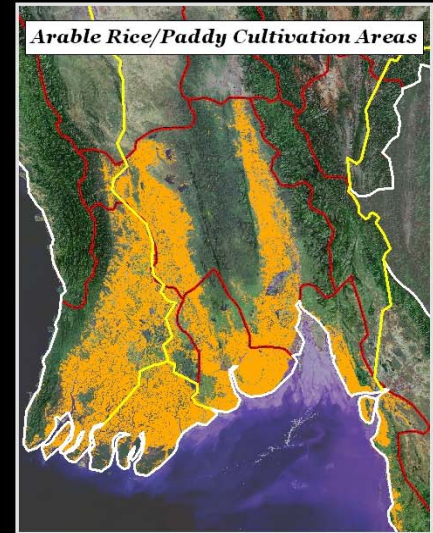
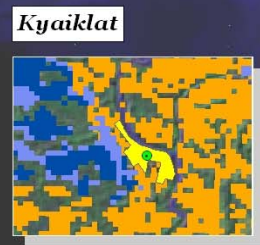
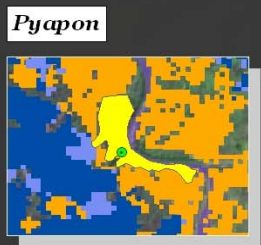
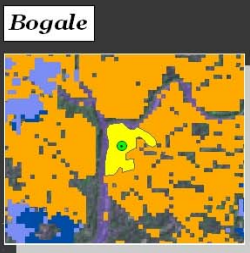
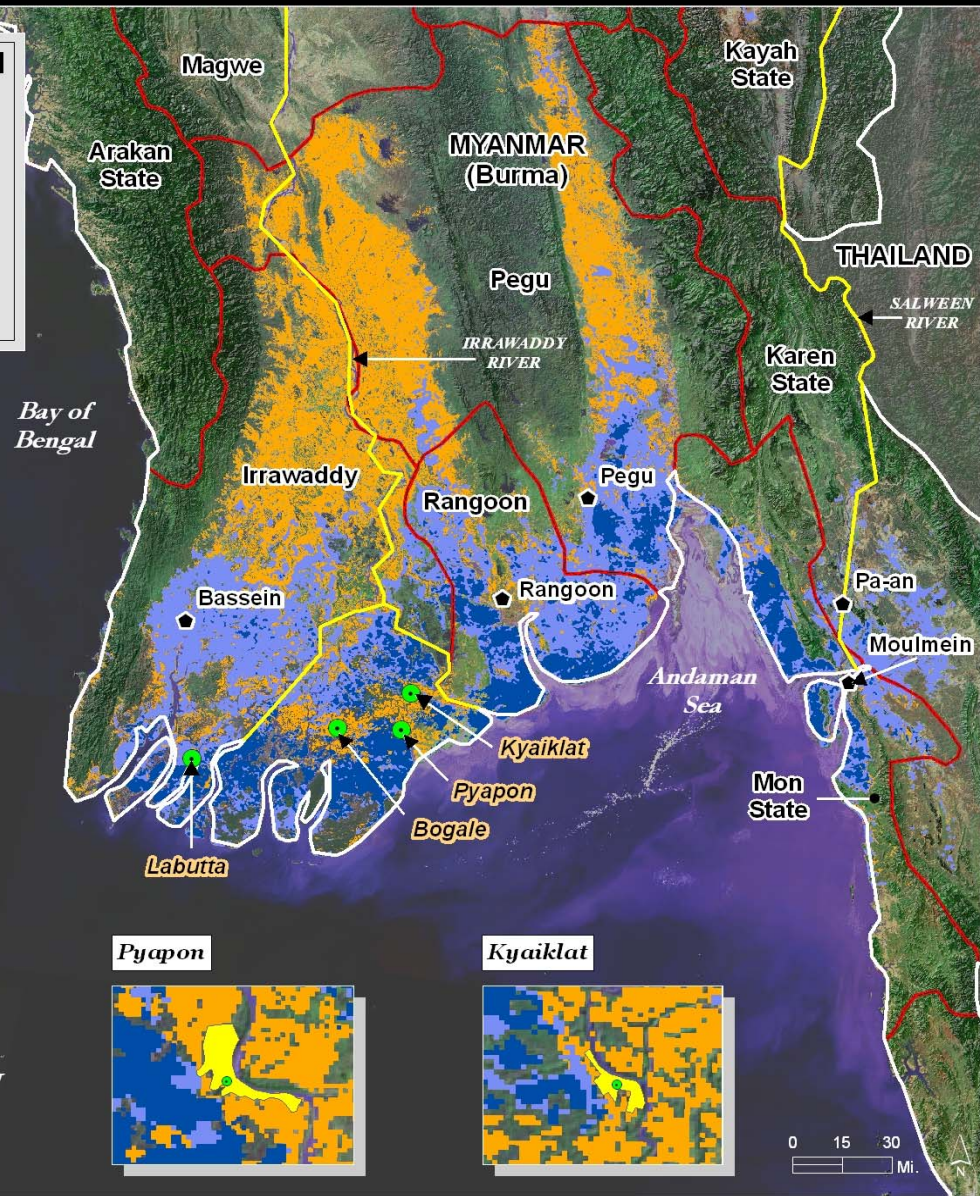
Map Legend

- Highly Affected Villages
- Provincial Capital
- River
- ▭ Village - Boundary Limits

Flood Water

Level of Impact

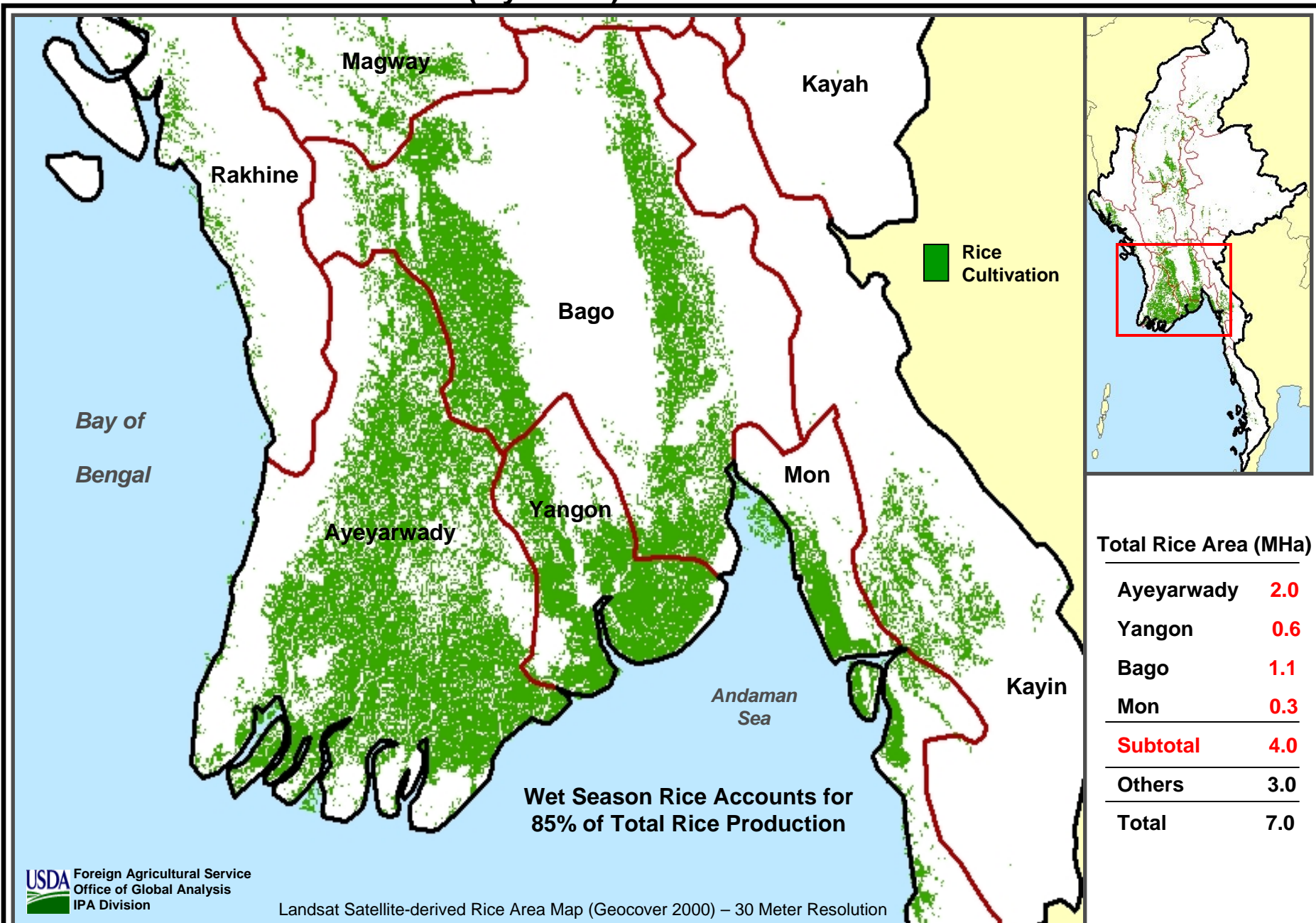
- ▭ Least Severe
- ▭ Most Severe
- ▭ Rice/Paddy



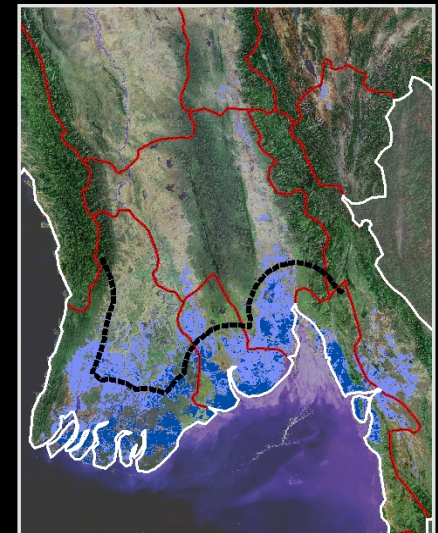
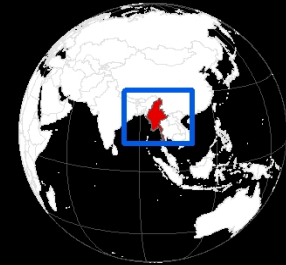
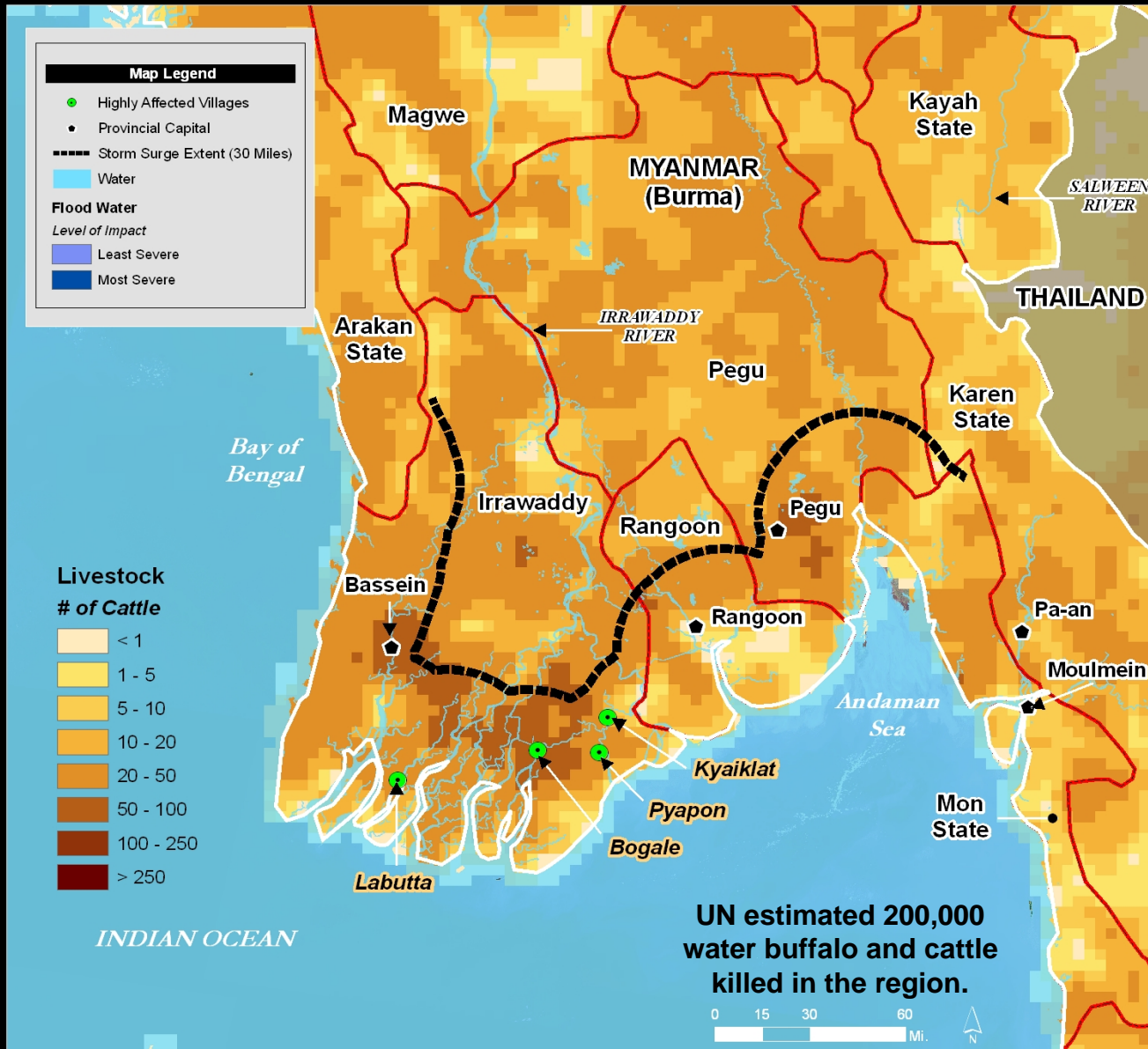
Imagery Sources: MODIS Terra 250m 7-2-1,
 NASA, USGS-EROS Data Center
 GIS Sources: USDA, ASRCMS, ESRI,
 GDA (Thematic Composite), GeoCover LC (2000),
 VMAP (Level-1)
 Projection: GCS_WGS_1984
 MODIS Terra Rapid Response System imagery
 updates every day, at about 1200Z, with images
 taken during the previous day.
 Producer: ASRC Mangement Services [5/12/08]



Burma (Myanmar): Rice Land Distribution



Myanmar (Burma) - Livestock Impact Analysis of Tropical Storm Nargis - 2008



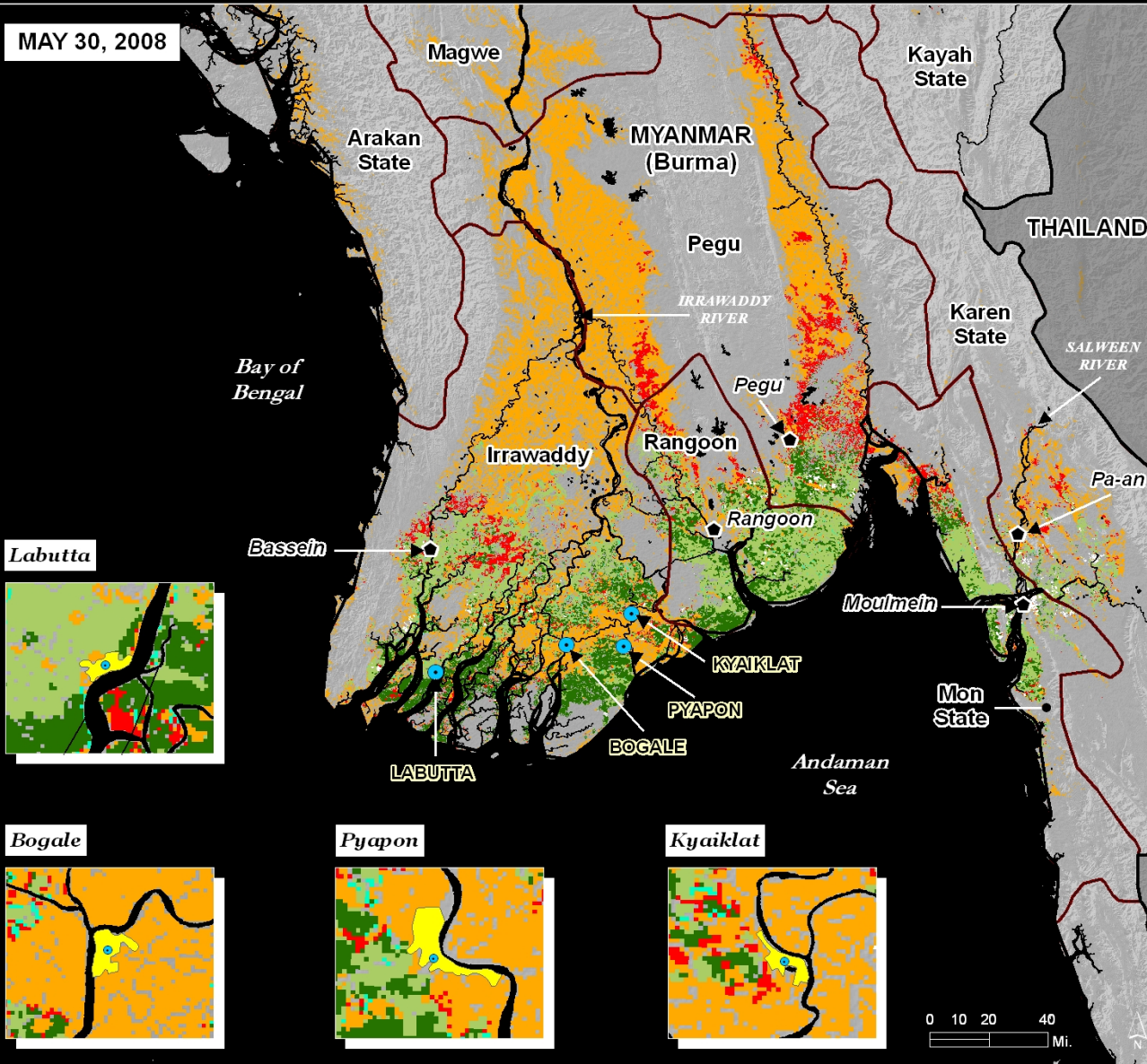
Imagery Sources: MODIS Terra 250m 7-2-1,
NASA, USGS-EROS Data Center
GIS Sources: USDA, ASRCMS, ESRI,
GDA (Thematic Composite), VMAP (Level-1), FAO-AGA
Projection: GCS_WGS_1984

MODIS Terra Rapid Response System
imagery updates every day, at about
1200Z, with images taken during the
previous day.

Producer: ASRC Management Services [5/22/08]

Myanmar (Burma) - Cropland Recovery Analysis of Tropical Storm Nargis - 2008

MAY 30, 2008



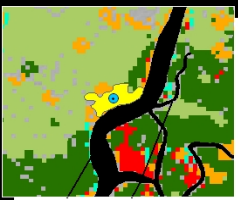
Map Legend

- Highly Affected Villages
- Provincial Capital
- Village - Boundary Limits
- Water

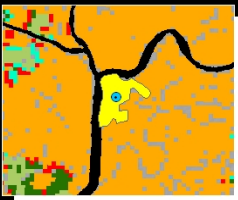
Flood Recovery Analysis

- Never Flooded - Rice/Paddy Areas
- Full Recovery
- Flooding Improved
- Flooding Worsened
- No Change
- Data Gaps In More Than One Date

Labutta



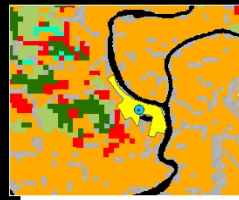
Bogale



Pyapon



Kyaiklat

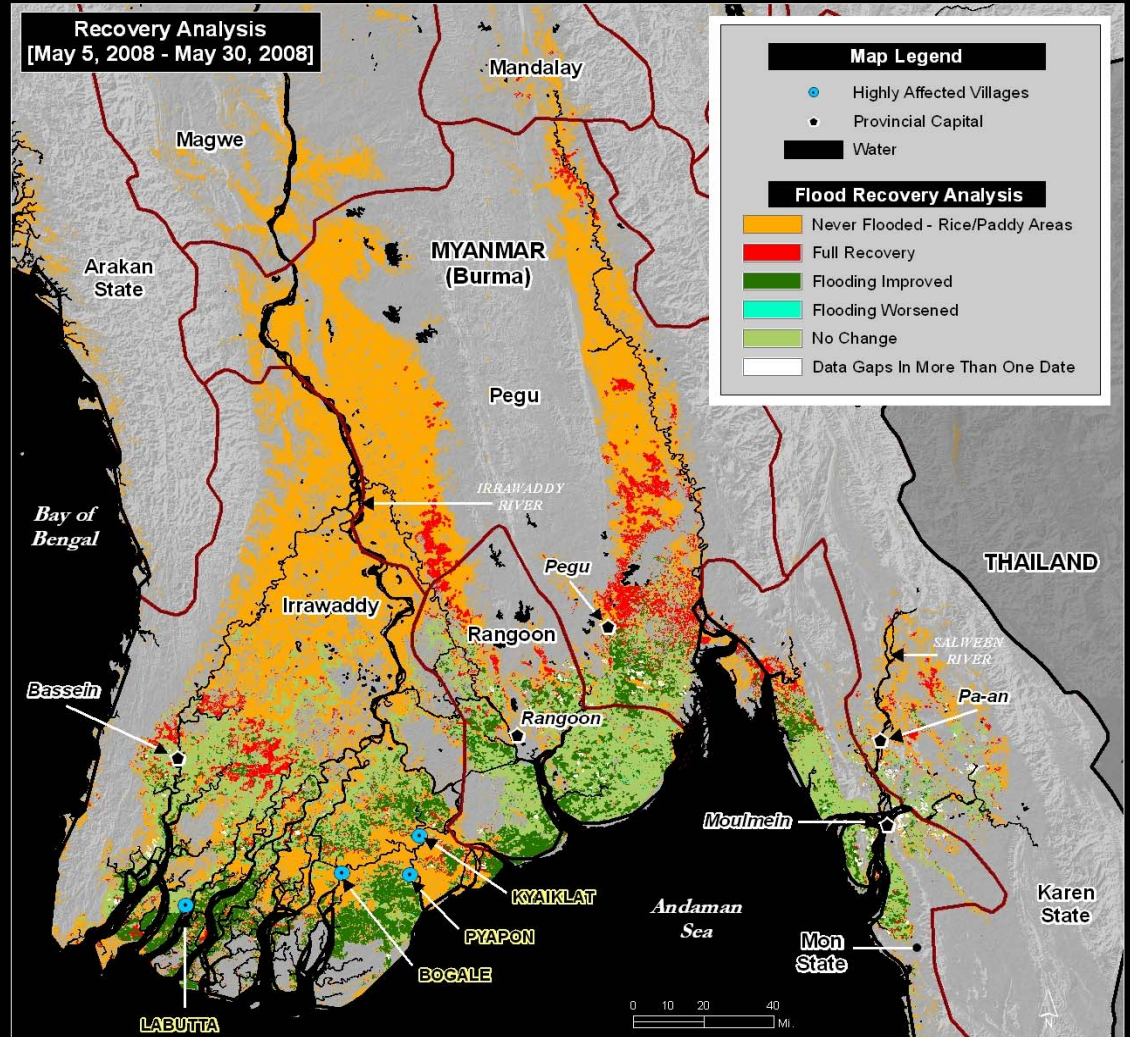
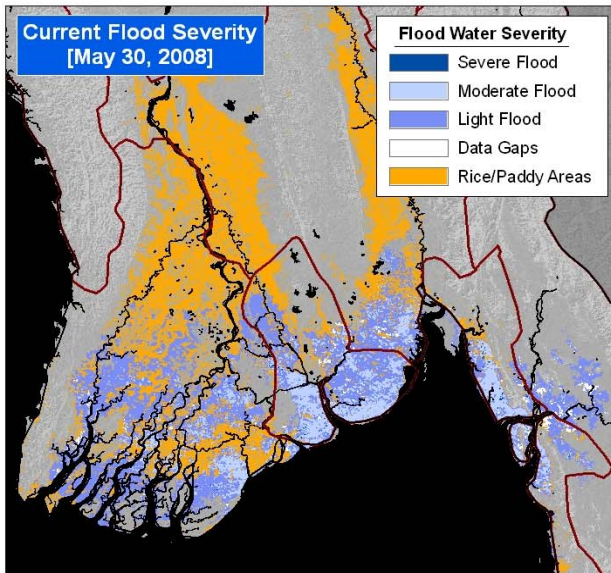
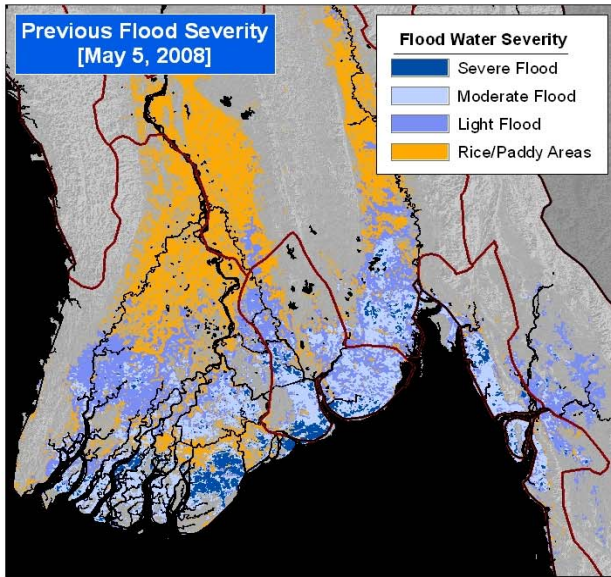


0 10 20 40
Mi.

Imagery Sources: MODIS Terra 250m 7-2-1, NASA, USGS-EROS Data Center, GIS Sources: USDA, ASRCMS, ESRI, GDA (Thematic Composite), GeoCover LC (2000), VMAP (Level-1) Projection: GCS_WGS_1984
MODIS Terra Rapid Response System imagery updates every day, at about 1200Z, with images taken during the previous day.
Producer: ASRC Management Services [6/4/08]

USDA United States Department of Agriculture
Foreign Agricultural Service

Myanmar (Burma) - Cropland Recovery & Severity Analysis of Tropical Storm Nargis - 2008

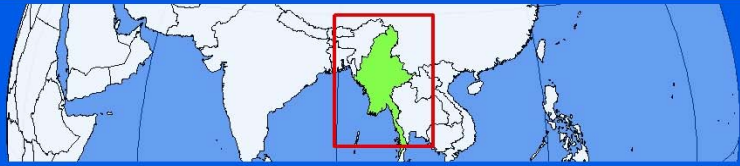
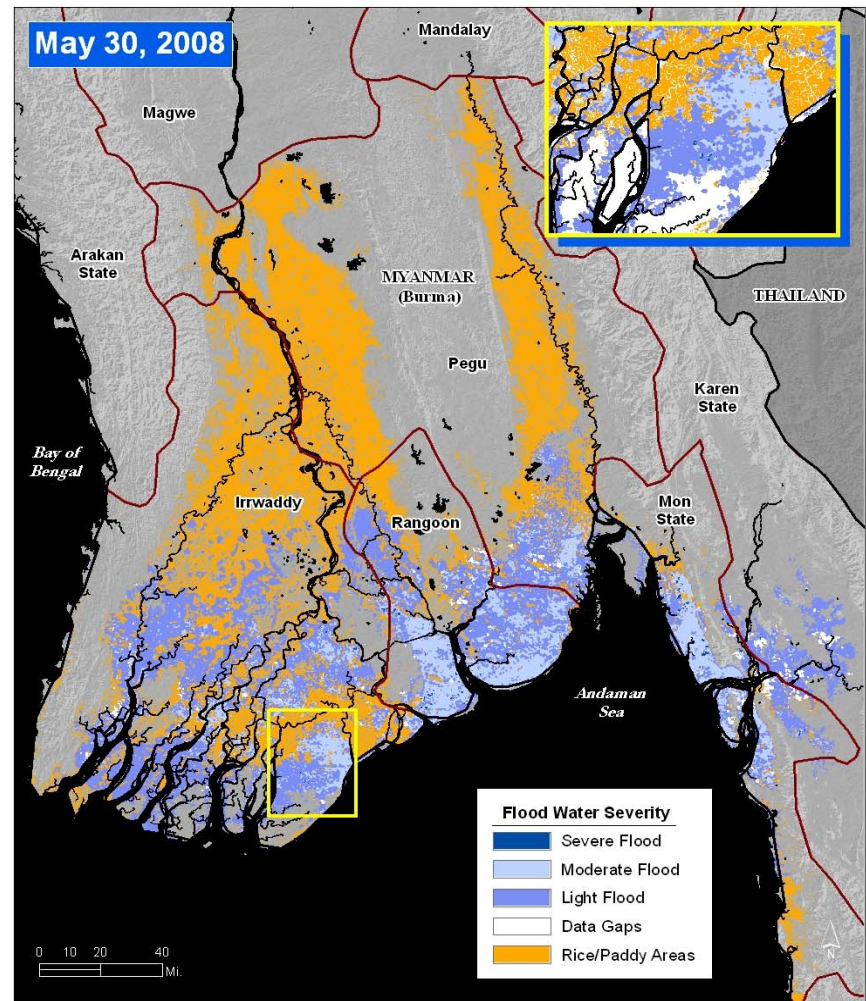
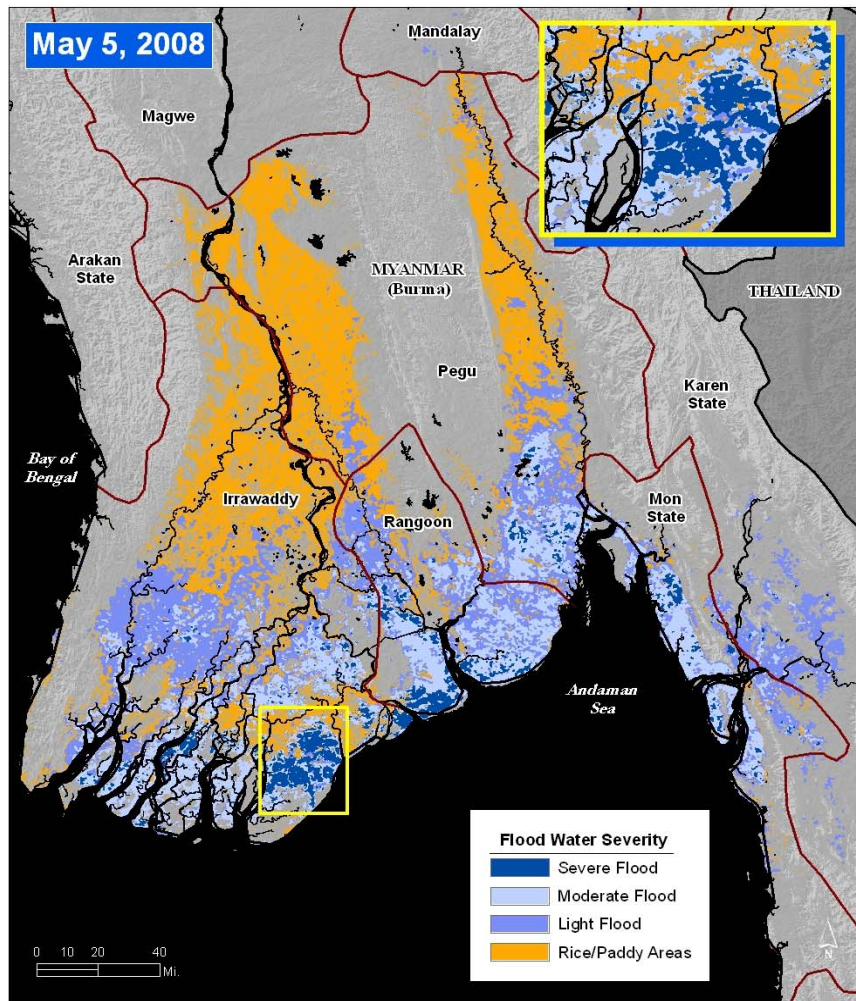


USDA United States Department of Agriculture
Foreign Agricultural Service



Imagery Sources: MODIS Terra 250m 7-2-1,
NASA, USGS-EROS Data Center
GIS Sources: USDA, ASRCMS, ESRI,
GDA (Thematic Composite), GeoCover LC (2000),
VMAP (Level-1)
Projection: GCS_WGS_1984
MODIS Terra Rapid Response System imagery
updates every day, at about 1200Z, with images
taken during the previous day.
Producer: ASRC Management Services [6/4/08]

Myanmar (Burma) - Severity Comparison Analysis of Tropical Storm Nargis - 2008



Burma: Ayeyarwady Delta
April 12, 2008



Rangoon

Burma: Ayeyarwady Delta
May 5, 2008

Rangoon



Burma: Ayeyarwady Delta
May 30, 2008

Rangoon

