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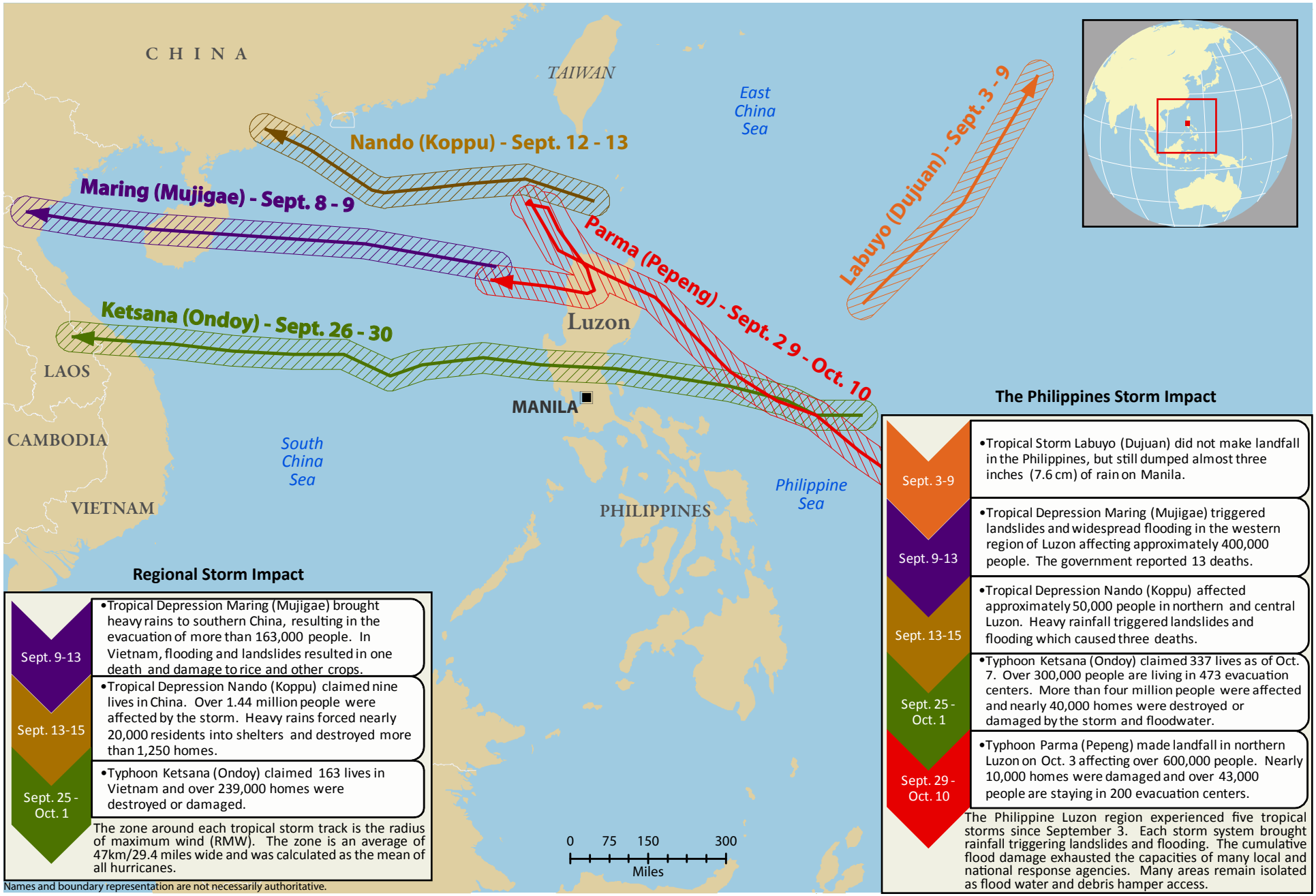
HUMANITARIAN INFORMATION UNIT

Southeast Asia: Overwhelming Storms, September 3-October 8, 2009



Regional Storm Impact

Sept. 9-13
- Tropical Depression Maring (Mujigae) brought heavy rains to southern China, resulting in the evacuation of more than 163,000 people. In Vietnam, flooding and landslides resulted in one death and damage to rice and other crops.

Sept. 13-15
- Tropical Depression Nando (Koppu) claimed nine lives in China. Over 1.44 million people were affected by the storm. Heavy rains forced nearly 20,000 residents into shelters and destroyed more than 1,250 homes.

Sept. 25 - Oct. 1
- Typhoon Ketsana (Ondoy) claimed 163 lives in Vietnam and over 239,000 homes were destroyed or damaged.

The zone around each tropical storm track is the radius of maximum wind (RMW). The zone is an average of 47km/29.4 miles wide and was calculated as the mean of all hurricanes.

Names and boundary representation are not necessarily authoritative.

The Philippines Storm Impact

Sept. 3-9
- Tropical Storm Labuyo (Dujuan) did not make landfall in the Philippines, but still dumped almost three inches (7.6 cm) of rain on Manila.

Sept. 9-13
- Tropical Depression Maring (Mujigae) triggered landslides and widespread flooding in the western region of Luzon affecting approximately 400,000 people. The government reported 13 deaths.

Sept. 13-15
- Tropical Depression Nando (Koppu) affected approximately 50,000 people in northern and central Luzon. Heavy rainfall triggered landslides and flooding which caused three deaths.

Sept. 25 - Oct. 1
- Typhoon Ketsana (Ondoy) claimed 337 lives as of Oct. 7. Over 300,000 people are living in 473 evacuation centers. More than four million people were affected and nearly 40,000 homes were destroyed or damaged by the storm and floodwater.

Sept. 29 - Oct. 10
- Typhoon Parma (Pepeng) made landfall in northern Luzon on Oct. 3 affecting over 600,000 people. Nearly 10,000 homes were damaged and over 43,000 people are staying in 200 evacuation centers.

The Philippine Luzon region experienced five tropical storms since September 3. Each storm system brought rainfall triggering landslides and flooding. The cumulative flood damage exhausted the capacities of many local and national response agencies. Many areas remain isolated as flood water and debris hamper access.

Sources: USG, National Disaster Coordinating Council (Philippines), UNOCHA, GDACS
RMW zone: S.A. Hsu and Zhongde Yana. A Note on the Radium of Maximum Winds for Hurricanes.