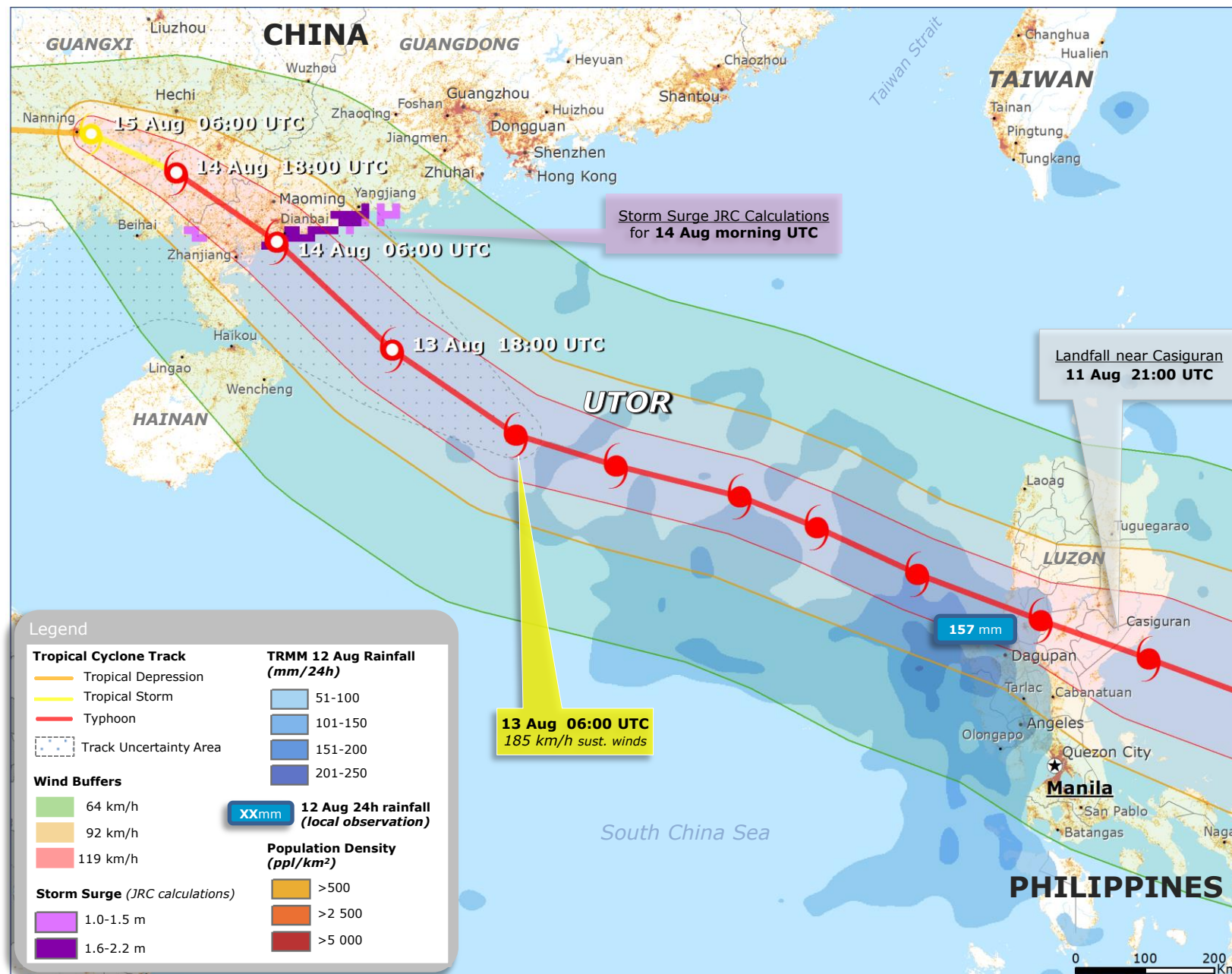


13 August 2013: Philippines, China – Tropical Cyclone UTOR



SITUATION

- Typhoon UTOR (called "LABUYO" in the Philippines) emerged over the South China Sea on 12 Aug, after having crossed Luzon, northern Philippines, on 11 Aug.
- On 13 Aug 06:00 UTC, its centre was located over water, ca. 400 km SE of SW Guangdong (China), and it had a max sust. wind speed of 185 km/h.
- UTOR's passage has affected parts of Luzon with very strong winds and heavy rains. As of 13 Aug 11:00 UTC, there were 4 people killed, 6 injured, 11 missing and 153 893 affected in 5 regions of Luzon (Regions I, II, III, V, CAR). 2 099 houses were damaged, 245 of which destroyed, mostly in Region III. A total of 36 433 people were sheltered in 87 evacuation centres throughout Luzon.

FORECAST

- As of 13 Aug 06:00 UTC, in the following 24h UTOR was forecast to continue moving NW towards China, maintaining Typhoon strength. It may approach the coast of SW Guangdong, near the city of Maoming, on 14 Aug morning UTC and then move inland, weakening.
- As of 13 Aug, a Red Typhoon Warning has been issued by the Chinese Meteorological Administration. On 14-15 Aug strong winds and heavy rains may affect parts of Hainan, Guangdong and Guangxi provinces.
- JRC storm surge calculations, using as input the data of 13 August 06:00 UTC, indicated a possible storm surge of the order of 1.6-2.2m in the coastal area near the town of Dianbai, Guangdong province, for 14 August morning UTC.

Sources: [GDACS](#), [CMA](#), [NDRRMC](#), [AFP](#), [NOAA](#), [NASA](#)

Legend

Tropical Cyclone Track	TRMM 12 Aug Rainfall (mm/24h)
— Tropical Depression	51-100
— Tropical Storm	101-150
— Typhoon	151-200
⋯ Track Uncertainty Area	201-250
Wind Buffers	12 Aug 24h rainfall (local observation)
64 km/h	XXmm
92 km/h	
119 km/h	
Storm Surge (JRC calculations)	Population Density (ppl/km²)
1.0-1.5 m	>500
1.6-2.2 m	>2 500
	>5 000