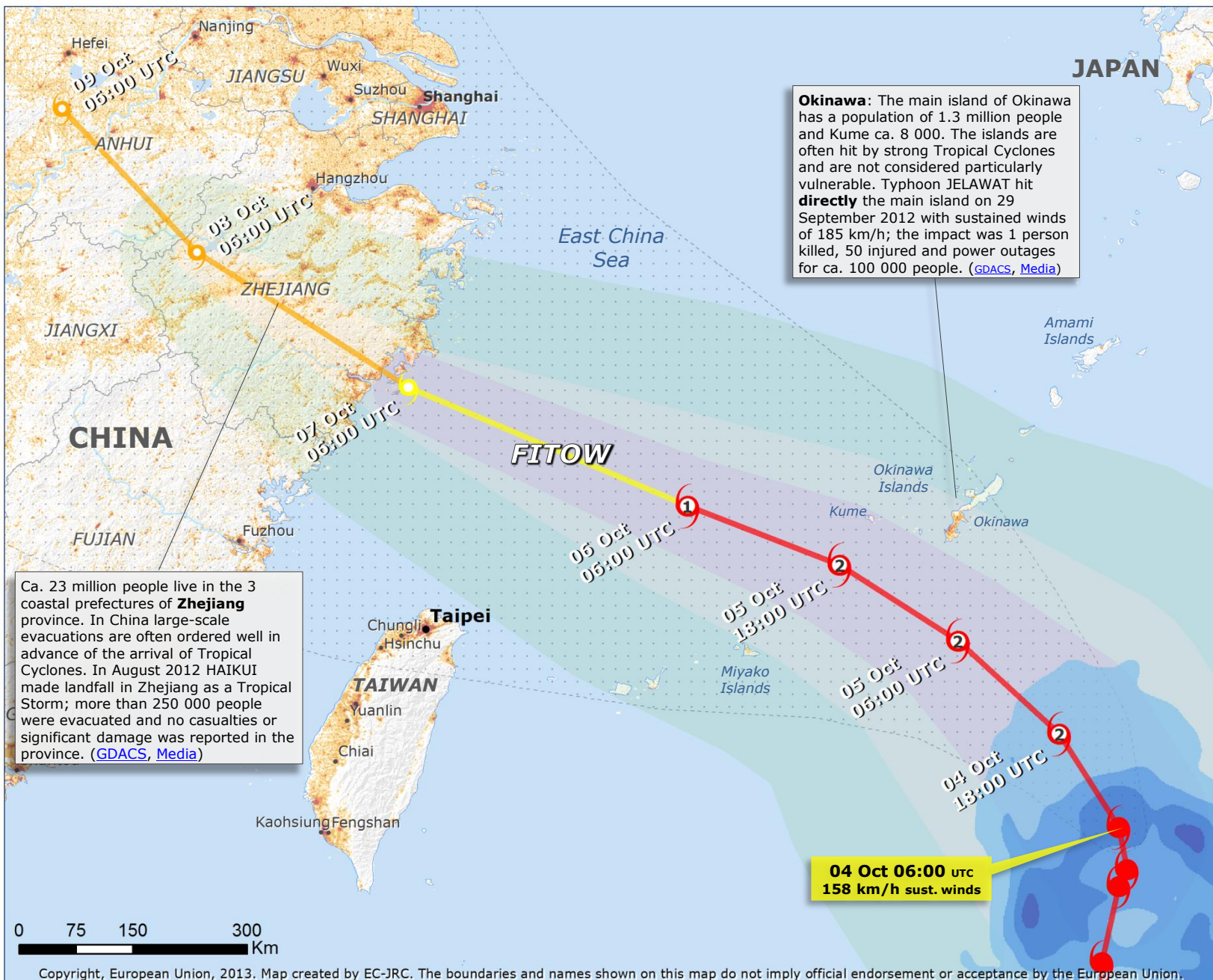


04 Oct 2013: China, Japan – Tropical Cyclone FITOW



Okinawa: The main island of Okinawa has a population of 1.3 million people and Kume ca. 8 000. The islands are often hit by strong Tropical Cyclones and are not considered particularly vulnerable. Typhoon JELAWAT hit **directly** the main island on 29 September 2012 with sustained winds of 185 km/h; the impact was 1 person killed, 50 injured and power outages for ca. 100 000 people. ([GDACS](#), [Media](#))

Ca. 23 million people live in the 3 coastal prefectures of **Zhejiang** province. In China large-scale evacuations are often ordered well in advance of the arrival of Tropical Cyclones. In August 2012 HAIKUI made landfall in Zhejiang as a Tropical Storm; more than 250 000 people were evacuated and no casualties or significant damage was reported in the province. ([GDACS](#), [Media](#))

SITUATION

- FITOW remains a **Typhoon** while moving towards East China Sea; at 06:00 UTC on 04 Oct it had a max. sust. wind speed of **158 km/h** (equivalent to a Category 2 in the Saffir-Simpson scale) and its centre was located ca. 430km SE of Okinawa, Japan.
- It is forecast to pass between **Okinawa** and Miyako islands on **05 October**, roughly keeping its strength, and then continue towards mainland China, possibly weakening below Typhoon strength. It could **approach the coasts of Zhejiang** province early on 07 Oct (notice, however, the width of the **track uncertainty area**). ([GDACS](#))
- Strong winds and heavy rainfall could affect Okinawa and Miyako islands on 05 Oct, as FITOW is forecast to pass within 100-150km of both islands. Typhoon-force winds are forecast to extend to ca. 85km from the centre around that time (see red buffer in the map). ([GDACS](#), [NASA](#))
- Strong winds, rainfall and possibly storm surge are expected to affect also the coasts of **mainland China** around 07 Oct., as FITOW approaches; a Yellow Typhoon Warning is in effect by [CMA](#). The place of landfall is, however, still uncertain (as of 04 Oct).
- For additional details on vulnerability and past events in the areas concerned, see inset text in the map.

POP. DENSITY (pop/km ²)		TRACK COLOURS	
	101 - 500		Tropical Depression
	501 - 2,500		Tropical Storm
	2501 - 5,000		Typhoon
	5001 - 130,000		Typhoon (x = category in Saffir Simpson scale)
TRMM 24h Acc. Rain on 03 October		WIND BUFFER	
	51 - 100 mm		64 km/h
	101 - 150 mm		92 km/h
	151 - 200 mm		119 km/h
	201 - 250 mm		Area of track uncertainty

