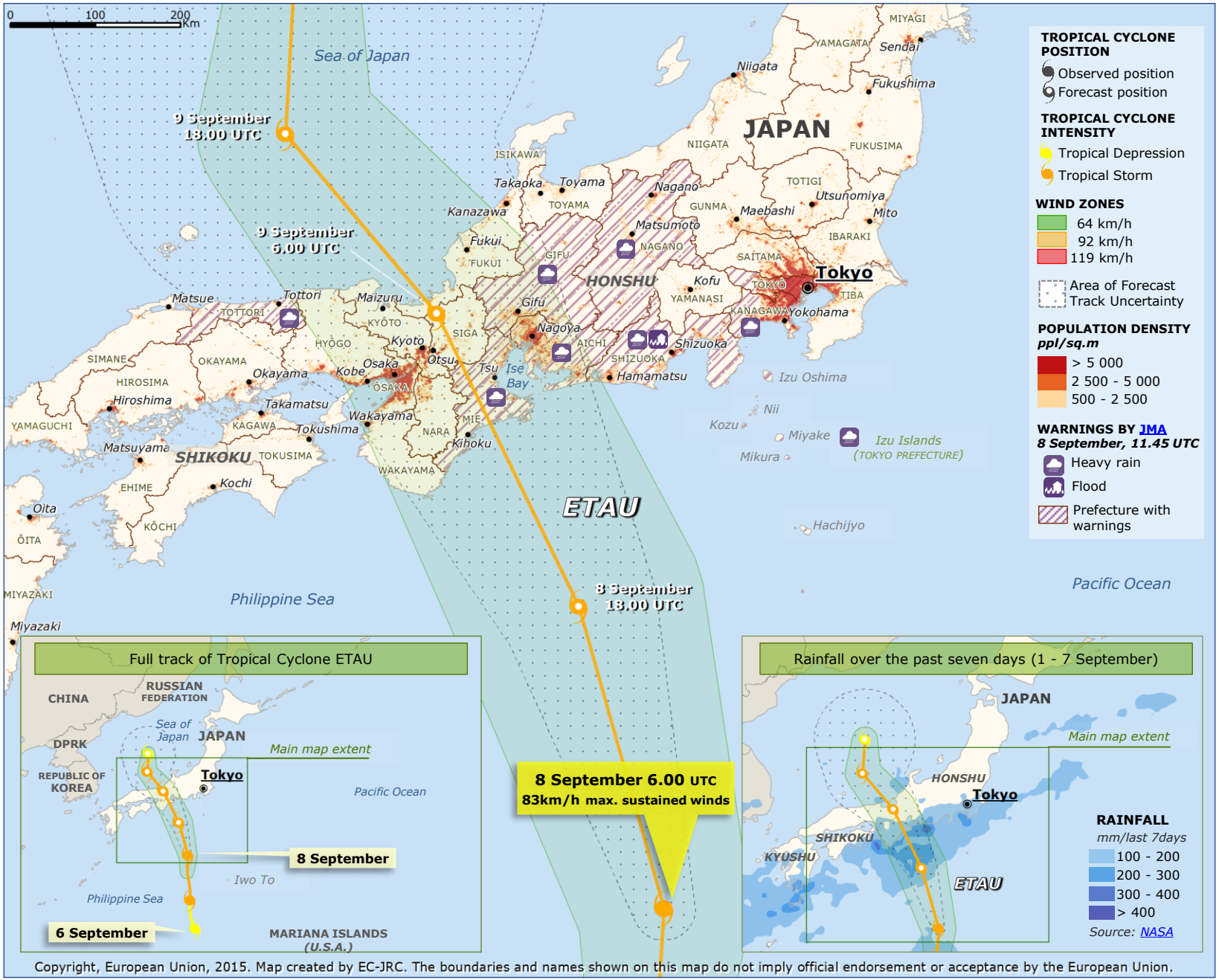
Emergency Response Coordination Centre (ERCC) – ECHO Daily Map | 08/09/2015

Japan - Tropical Cyclone ETAU

European Commission | Humanitarian Aid and Civil Protection



TROPICAL CYCLONE POSITION
- Observed position
- Forecast position

TROPICAL CYCLONE INTENSITY
- Tropical Depression
- Tropical Storm

WIND ZONES
- 64 km/h
- 92 km/h
- 119 km/h
- Area of Forecast Track Uncertainty

POPULATION DENSITY *ppl/sq.m*
- > 5 000
- 2 500 - 5 000
- 500 - 2 500

WARNINGS BY JMA
8 September, 11.45 UTC
- Heavy rain
- Flood
- Prefecture with warnings

8 September 6.00 UTC
83km/h max. sustained winds

Full track of Tropical Cyclone ETAU

Rainfall over the past seven days (1 - 7 September)

RAINFALL
mm/last 7days
- 100 - 200
- 200 - 300
- 300 - 400
- > 400

Source: NASA

SITUATION

- Tropical Cyclone **ETAU** formed in the **Philippine Sea**, north-west of the northernmost Mariana Island (U.S.A.) and south-west of **Iwo To** island in Japan, on 6 September. It subsequently started moving towards Japan's main island, Honshu.
- On 8 September, at 6.00 UTC, ETAU was a **Tropical Storm** with maximum sustained wind speed of 83km/h. Its centre was located 588km south of Mie prefecture in southern **Honshu**.
- Over the next 24h, the Tropical Storm is forecast to move north-northwest, roughly maintaining its intensity. It is expected to approach the southern coast of **Mie** *(population approx. 1.8 million)* late on 8 September and make landfall near the town of **Kihoku** early on 9 September. It will then cross Honshu and exit into the **Sea of Japan**, where it is expected to weaken into a Tropical Depression and eventually dissipate.
- ETAU will affect the areas along its path with **heavy rainfall**, **strong winds** and **storm surge**. As of 8 September, **Warnings** for heavy rainfall and/or consequent floods are in effect for several prefectures, including the island of Miyake in Izu Islands, by the Japanese Meteorological Administration. **Storm surge** of the order of 0.9m may affect the coasts of Mie and Aichi around Ise Bay in the early morning of 9 September, according to JRC calculations.
- Heavy rainfall has already been affecting southern Honshu. As of 8 September, local media report **floods** and **landslides** in the city of **Hamamatsu**, prefecture of Shizuoka. In view of the approach of ETAU, part of the city's population has been instructed to **evacuate** their homes.

Sources: *GDACS (1, 2), JMA (1, 2), JTWC, WMO, GeoHive, Local Media (1, 2, 3)*

24h rainfall observations (WMO)

location	*mm*	*date (September)*
Hachijyo *(Izu)*	70	7
Izu Oshima	86	7-8
Tsu *(Mie)*	65	7-8
Tokyo	65	7-8