



### SITUATION

- Tropical Cyclone **ETAU** formed in the Philippine Sea, north-west of the northernmost Mariana Island (U.S.A.) on 6 September. It subsequently started moving towards Japan's main island Honshu. It reached south-eastern **Aichi** prefecture **late on 8 September (UTC)** as a **Tropical Storm** with max. sust. winds of approx. 90-100 km/h. Afterwards it crossed Honshu still as a Tropical Storm and emerged into the Sea of Japan in the morning of 9 September, then it started weakening and it dissipated. Strong winds, storm surge and very heavy rainfall affected Honshu during its passage.
- The very heavy rains of the last few days caused floods and landslides in several areas of Japan. As of 10 September morning, more than 100 000 people have been evacuated and 170 000 more have been evacuated in greater Tokyo area as **Kinugawa River** burst through a flood barrier, about 50 km north-east of Tokyo. A further 800 000 people across eastern Japan have been advised to evacuate after officials issued warnings. As of 10 September, **one person is missing in Tochigi** prefecture, at least 20 people are injured and nearly 1 000 houses affected. As of 10 September morning (JMA), an **Emergency Warning** (heavy rain) is in effect in the prefecture of **Tochigi** and **Ibaraki**; flood Warnings are also in effect.
- Over the next 12-24 h heavy rains may still continue affecting the flooded areas (see warning in effect in the main map), while on 11-12 September, the heavy rainfall may affect mostly the north-eastern tip of Japan, due to the passage of Tropical Storm KILO (see map below).

**Sources:** GDACS, JMA, JTWC, GloFAS, WMO, OpenStreetMap, Media

