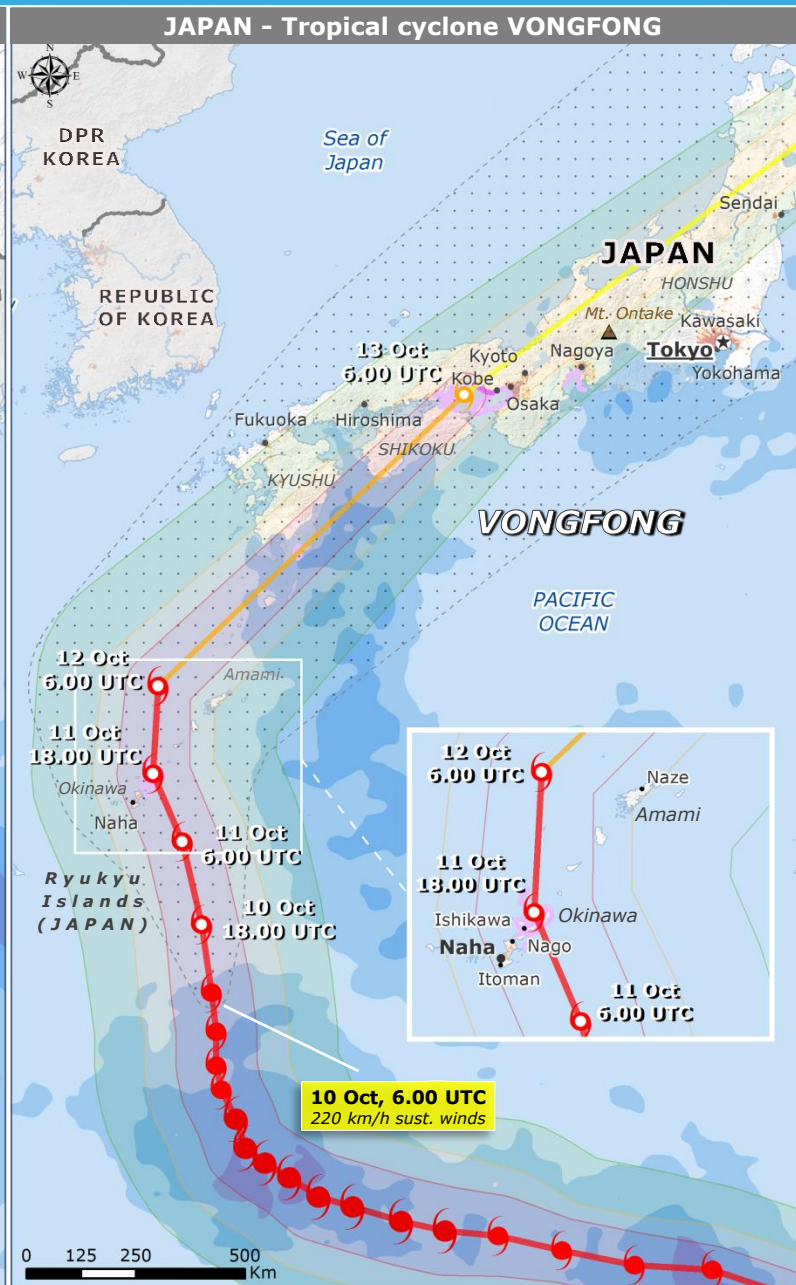


10 October 2014: Tropical cyclones HUDHUD and VONGFONG



SITUATION

INDIA - Tropical cyclone HUDHUD

- On 10 October, 6.00 UTC, HUDHUD had max. sustained winds of 120 km/h and its center was over the Bay of Bengal, approx. 520 km south-east of Visakhapatnam in Andhra Pradesh. Over the next 48h, it is forecast to move north-west and approach northern coastal Andhra Pradesh on 12 October, while further intensifying.
- As of 10 October, a Cyclone Warning is in effect for north Andhra Pradesh and south Odisha coasts (Orange Message, [IMD](#)). It is expected to affect these areas with strong winds, heavy rainfall and storm surge. JRC calculations indicate possible storm surge of approx. 1.7 m near Visakhapatnam on 12 October early morning (UTC).

Sources: [GDACS](#), [JTWC](#), [IMD \(1, 2\)](#), [Media](#)

JAPAN - Tropical cyclone VONGFONG

- On 10 October, 6.00 UTC, VONGFONG was centred over water, approx. 480 km south-east of Okinawa. It has slightly weakened, but remains a very strong typhoon. Over the next 48h, it is forecast to move north-west and approach the Okinawa and the Amami Islands on 11 October, before turning north-east towards Kyushu. It is expected to weaken further as it approaches the southern Japanese islands.
- As of 10 October (JMA), there are warnings in effect for high waves, storms for parts of Okinawa and the Amami and southern Kyushu islands. VONGFONG is expected to affect southern Japan with heavy rainfall, strong winds and storm surge.

Sources: [GDACS](#), [JTWC](#), [JMA \(1, 2\)](#), [Media](#)

Legend

INTENSITY	WIND BUFFER
● Tropical Depression	■ 64 km/h
● Tropical Storm	■ 92 km/h
● Typhoon/Cyclone	■ 120 km/h
⊞ Area of track uncertainty	Last 7 days acc. rain (NASA/TRMM)
Storm Surge	■ 100 - 200 mm
JRC calculations	■ 200 - 300 mm
■ 1.5 - 1.7 m	■ 300 - 400 mm
■ 1.0 - 1.5 m	■ > 400 mm
■ 0.5 - 1.0 m	POP. DENSITY (pop./km²)
▲ Mt. Ontake volcano	■ 501 - 2 500
	■ 2 501 - 5 000
	■ 5 001 - 130 000