Emergency Response Coordination Centre (ERCC) - ECHO Daily Map | 28/9/2015

European Commission I

Humanitarian Aid and Civil Protection



1-2m = < 1 m</p>

Pop. Density (pop/km2)

Potential local disaster

Potential severe disaster

South China

Sea

Sources: GDACS, JTWC

(28 Sep. 12.00 UTC).

OpenStreetMan

Strait

PHILIPPINES

501 - 2 500

2 501 - 5 000

5 001 - 130 000

Moderate event

Acc. rain 21-27 Sep

51 - 100 mm

101 - 150 mm

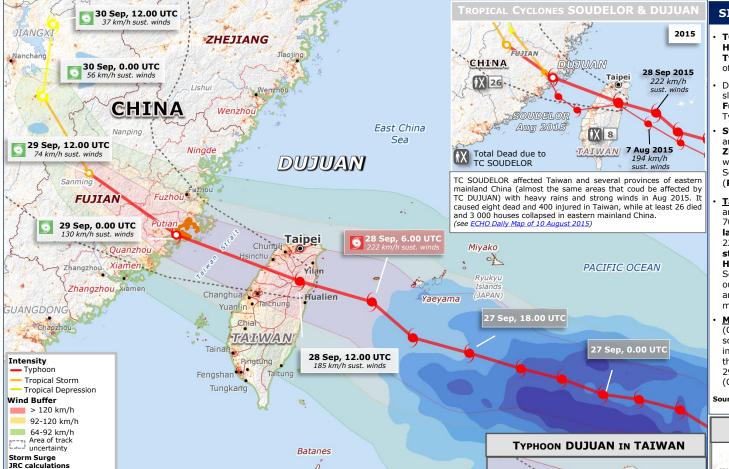
151 - 200 mm

201 - 250 mm

> 250 mm

GDACS Alert

(NASA)



SITUATION

- TC DUJUAN reached the coast of eastern Taiwan, in the area north of Hualien, late in the morning (UTC) of 28 September, as an intense **Typhoon.** On 28 September at 6.00 UTC, it had max, sustained winds of 222 km/h (equivalent to Category 4).
- DUJIAN is forecast to cross central-northern Taiwan on 28 September, slightly weakening, but still remaining a Typhoon and it may reach Fuiian province (eastern China) early on 29 September still as a Typhoon (Category 1).
- Strong winds, heavy rains and storm surge may affect several areas of Taiwan, as well as the provinces of Fujian and southern Zhejiang (eastern China) on 28-30 September. Heavy rains and winds may still affect southern Ryukyu Islands (Japan) on 28 September, while moderate rainfall may also affect northern Luzon (Philippines), including the Batanes on 28-29 September.
- Taiwan: Torrential rains (> 200 mm in 24 h) may affect several areas of Taiwan, extremely torrential rains (> 350 mm, up to 600-700 mm) over the mountain areas, with the risk of flash floods and landslides. Very strong winds (max. sustained winds of 180-220 km/h, gust up to 260 km/h) affected the landfall area. Moreover storm surge may also especially affect the coastal areas of Yilan and **Hualien** counties, including the cities of Yilan and Hualien. As of 28 September morning, over 290 000 households were affected by power outages, Emergency Response Centers have been set up in the north and east, as well as 100 shelters, and approx. 5 000 people living in mountainous areas of Taiwan were evacuated.
- Mainland China: According to China Meteorological Administration (CMA), up to 180 mm of rain may affect north-eastern Fujian and southern Zhejiang on 28-29 Sep. Moreover JRC calculations (using as input the data of 28 September 9.00 UTC) indicate a storm surge of the order of 1.7 m in the coastal area of **Putian**, Fujian (see map) on 29 September early morning (UTC). As of 28 September morning (CMA), an **Orange Warning for Typhoon** was in effect.

Sources: GDACS, JTWC, CMA, JMA, CWB, NOAA, Media

Juifang Keelung

Sust. winds

Landfall on

28 Septeber

Hualien

Taipei

12.00 UTC

TAIWAN

Yilan



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Philippines

Sea