

# Typhoon Fung-Wong Disaster Response Reports — 3<sup>rd</sup> Report

Central Emergency Operation Center  
Data as of 2014/09/20 21:00

## 1. Typhoon Summary (Data source: Central Weather Bureau)

A sea warning for weak typhoon Typhoon Fung-wong was issued at 08:30 on September 19, 2014. At 20:30 on the 19<sup>th</sup>, a land warning was issued. At 20:00 on the 20<sup>th</sup>, the position of the center was latitude north 20.8 degrees and longitude east 119.9 degrees, that is, over the sea around 160 kilometers to the south of Eluanbi. The radius of the Force 7 storm circle is 150 km and it is moving from NNE turning north at 18 kmh turning 22 kmh. Near the center the wind speed is 25 feet per second (around 90kmh), equal to Force 10; the gusts are up to 33 feet per second (around 119 kmh), equal to Force 12. It is projected that the center's position will be latitude north 24.9degrees and longitude east 121.2degrees at 20:00 on September 21, that is, around 20 kilometers to the ENE of Hsinchu. The latest weather data shows that the center of Typhoon Fung-wong is over the tip of south Taiwan and wind and rain are intensifying all over, and the storm circle has already entered the Bashi Channel and will pose a threat to south Taiwan. Land warning area: Taitung ( including Green Island and Orchid Island), Hualien, Yilan, Pingtung, Kaohsiung, Tainan, Chiayi, Yunlin, Nantou, Changhua, Taichung, Miaoli, Hsinchu, Taoyuan, Taipei, New Taipei City, Keelung and Penghu should take precautions against strong winds and very heavy rain. The sea warning area includes the Bashi Channel, Dongsha Atoll sea area, the Taiwan Straits and southeast Taiwan, northeast and north sea area. Ships passing through or working in these areas should be on guard. Affected by peripheral air currents there is a chance of torrential rain or extremely torrential rain in the southeast of Taiwan, the south, the east, the mountains of the northeast and the mountains north of Taichung, very heavy rain or torrential rain in the east and north, heavy rain or very heavy rain in central Taiwan, and heavy rain in Penghu and Matsu from today evening (20) to tomorrow (21). Wind and rain will gradually intensify all over. Objects hanging outside shop signs, feces and scaffolding should be secured and pots on balconies put in a safe place. Drains should be cleared. Landslips, rock falls, debris flows and flashfloods in mountain area and inundation in low-lying areas should be strictly guarded against. Care should be taken with regards rising river levels and the public should steer clear of mountain areas and rivers. With the wind getting stronger and waves bigger in coastal areas members of the public should stay from the shore.

## 2. Disaster Information

### A. Cumulative Rainfall

(Data source: Central Weather Bureau, Department of Transportation and Communication)  
(Statistics from Sep. 20, 2014 00:00am~ Sep. 20, 2014 20:00pm)

Area	Cumulative Rainfall(mm)
Pingtung County, Taiwu Township, Mt. XiDawu	145.5
Taitung County, Jinfeng Township, Jinfeng	133.0
Taitung County, Taimali Township, Jinlun	105.5
Taitung County, Beinan Township, Lijia	101.0
Taitung County, Taimali Township, Taimali	97.5

### 3. Disaster Response:

#### A. Number of city-county emergency operation centers established

(Data source: National Fire Agency, Ministry of the Interior)

Type	Number of EOC Established	City/County
Level 1	16	New Taipei City, Taichung City, Tainan City, Kaohsiung City, Chiayi City, Taoyuan County, Hsinchu County, Miaoli County, Changhua County, Nantou County, Yunlin County, Chiayi County, Pingtung County, Yilan County, Hualien County, Taitung County
Level 2	3	Taipei City, Hsinchu City, Penghu County

#### B. Danger area establishment situation

(16 places in low-lying areas, 266 places in the mountains, 101 places on the coast, 424 places on rivers, and 430 other places. Number of warning notices issued: 0, Number of Penalty notice issued: 0)

(Data source: National Fire Agency, Ministry of the Interior)

City/County	Number of danger areas					Implementation situation	
	Low-lying area	Mountain	Sea	River	Others	Warning issued	Penalty notice issued
Total	16	266	101	424	430	0	0
New Taipei City	1	1	6	2	0	0	0
Taichung City	0	5	6	19	0	0	0
Tainan City	0	17	6	0	0	0	0
Kaohsiung City	0	1	1	4	0	0	0
Hsinchu City	0	0	8	0	0	0	0
Chiayi City	0	0	0	2	1	0	0
Hsinchu County	0	2	2	0	0	0	0
Changhua County	0	9	11	0	0	0	0
Nantou County	0	21	0	86	249	0	0
Yunlin County	0	13	13	0	0	0	0
Chiayi County	0	6	3	27		0	0
Pingtung County	0	8	1	15	0	0	0
Yilan County	0	143	5	35	13	0	0
Hualien County	0	25	18	69	167	0	0
Taitung County	15	15	15	165	0	0	0
Pingtung County	0	0	6	0	0	0	0

#### C. Mudslide danger area distribution situation

(Data source: Soil and Water Conservation Bureau, Council of Agriculture, Executive Yuan)

Potential debris flow Red Alert: 0, locate at 0 City/County, 0 Township, 0 village

Potential debris flow Yellow Alert: 400, locate at 4 City/County, 34 Township, 157 village

County/City	Mudflows and Landslides Alert Areas							
	Yellow Alert			Red Alert			Total	
	Potential rivers debris flow	Township Located	Village Located	Potential rivers debris flow	Township Located	Village Located	Potential rivers debris flow	Note
Kaohsiung City	85	6	29	0	0	0	85	
Pingtung	64	9	36	0	0	0	64	

County								
Hualien County	91	6	31	0	0	0	91	
Taitung County	160	13	61	0	0	0	160	
Total	400	34	157	0	0	0	400	

Note: Response to alert

1.Yellow alert (predicted rainfall higher than the mudslide warning base value: Local government should begin to persuade potentially at risk people to leave.

2.Red alert (actual rainfall reached the mudslide warning base value) : Local government should, in accordance with the actual rainfall and situation in each area, carry out forced evacuation.

#### D. Mountain climber contact

(Data Source: National Police Agency, Ministry of the Interior)

Date table made: Sep. 20, 2014 20:00pm

Applied For Entering Mountain Areas		Persuaded to not Enter Mountain Areas		The Action for People Already Enter the Mountains								Have not Yet Been Contacted	
				Already descended		Safe accommodation in mountains		Contacted and Sheltering on the Spot		Now descending			
Case	Person	Case	Person	Case	Person	Case	Person	Case	Person	Case	Person	Case	Person
626	4215	375	2757	244	1376	7	82	0	0	0	0	0	0

(Note: People who have not been contacted means the climbers have not contacted with rangers, family members, or police departments for more than 48 hours after entering mountain areas. This statistical data is filled in and reported by National Police Agency, Ministry of the Interior after collecting and arranging Ministry of Education, and Construction and Planning Agency Ministry of the Interior statistical data.)

#### E. Ensnoced Fishermen from Mainland China

(Data source: Council of Agriculture of Executive Yuan)

Time	Ensnoced on Boats	Ensnoced in Coastal Shelters	Total
2014/09/20 20:00	1106	360	1466

#### F. Cities/Counties where schools and offices have been closed

(Data Source: National Fire Agency, Ministry of Interior)

As of 20:30 on the 20th Taichung City, Tainan City, Kaohsiung City, Hsinchu County (Wufeng, Jianshi Townships), Changhua County, Yunlin County, Chiayi County, Chiayi City, Pingtung County, Taitung County, Penghu County ad announced that offices and schools will be closed on the 21st. School and offices will open normally in Taipei City, New Taipei City, Keelung City, Hsinchu County and Hsinchu City.

### 4. Evacuation and Shelter Status

#### A. Evacuated people

(Data Source: Department of Civil Affairs, Ministry of Interior)

Directly-controlled municipality/ City / County	Estimated number of evacuated people	Number of Evacuated People	Accumulative number of Evacuated People
Nantou County	115	174	174
Chiayi County	7	7	7
Pingtung County	180	2	0
Taitung County	16	10	10
Hualien County	502	212	212
Taichung City	3	3	3
Tainan City	77	77	77
Kaohsiung City	503	503	503
Total	1403	988	986

## B. Shelter situation

### Shelter (Data Source: Ministry of Health and Welfare)

No.	City / County	District/Township	Shelter	Time established	Current Number of People Sheltered			Accumulative number of People Sheltered			estimated no. of days supplies will last and number of people provided for	
					Total	Male	Female	Total	Male	Female	Number of people	days
Total					106	49	42	91	49	42	264	41
1	Kaohsiung City	Yanchao Dist.	Gangshan Veterans Home	2014/09/20 09:00	15	6	9	0	0	0	0	0
2	Kaohsiung City	Qishan Dist.	3F, Zhongshan Hall, District Office	2014/09/20 10:06	2	1	1	2	1	1	50	3
3	Kaohsiung City	Liugui Dist.	Liugui Social Welfare Building	2014/09/20 15:00	1	1	0	1	1	0	1	0
4	Kaohsiung City	Shanlin Dist.	Jilai Activity Center	2014/09/20 17:15	5	4	1	5	4	1	26	4
5	Kaohsiung City	Shanlin Dist.	Baishuiquan Activity Center	2014/09/20 17:19	3	1	2	3	1	2	27	3
6	Hualien County	Fenglin Township	3F, Conference Room, District Office	2014/09/20 15:50	14	7	7	14	7	7	46	5
7	Hualien County	Fengbin Township	Fengbin Junior High School	2014/09/20 16:51	26	13	13	26	13	13	26	3
8	Taitung County	Taitung City	Malan Veterans Home	2014/09/20 12:21	4	3	1	4	3	1	8	7
9	Taitung County	Dawu Township	Daniao Primary School, Aiguopu Campus	2014/09/20 15:15	33	18	15	33	18	15	30	3
10	Taitung County	Haiduan Township	Haiduan Township Nursery	2014/09/20 16:38	3	1	2	3	1	2	50	13

## 5. Disaster statistics

### A. Death and injury (Data source: National Fire Agency, MOI)

No deaths or injuries

### B. Transport situation (Data source: Ministry of Transportation and Communications)

#### (1) Cancelled railway service (Data source: Ministry of Transportation and Communications)

NO.	Time	Line	Service	Reason	Note
1	09/20 23:16	West Link Line	Apart from overnight service number 531 Chu-kuang Express from Qidu to Kaohsiung (departing from Qidu at 22:54) and overnight service number 532 Chu-kuang Express Fengshan to Qidu (departing from Fengshan at 23:16), all other services operated normally on the 20 <sup>th</sup> .	Affected by the typhoon	
2	09/20 20:00	Alishan Mountain Railway	Services suspended on all lines on the 21 and 22 <sup>nd</sup> .	Affected by the typhoon	
3	09/20 19:43	Taitung Line	Services suspended between Hualien and Taitung from service number 332 Ziqiang Express (Departing Hualien at 17:55) Taitung- Hualien, services suspended from service number 317 Ziqiang Express (departing Taitung at 19:14)	Affected by the typhoon	
4	09/20 16:08	South Link Line	Taitung-Xinzuoying—all class of train suspended from service 3672 (departing Taitung at 16:08) Xinzuoying-Taitung- all class of train suspended from service number 317 Ziqiang Express (departing Xinzuoying at 16:10)	Affected by the typhoon	

**(2) Air flight Cancellation Situation (Data Source: Ministry of Transportation and Communications)**  
 Up to present six domestic flights have been delayed and 57 cancelled; 11 international flights have been delayed and seven cancelled. (see the attachment)

**6. City and County Emergency Operations Support situation**

**Military personnel deployed in high risk areas in advance (Data source: Ministry of National Defense)**

The military has deployed 42,915 servicemen and 3,139 vehicles of 39 types in advance in high risk areas.

Table of Military Disaster Response Forces in Each Combat Area					
Area	3rd Combat A <sup>rea</sup> (North)	5th Combat A <sup>rea</sup> (Center)	4th Combat A <sup>rea</sup> (South)	2nd Combat A <sup>rea</sup> (East)	Total
Location	North Region	Central Region	South Region	East Region	
Number of forward personnel	14,418 Persons	9,821 Persons	12,408 Persons	6,268 Persons	4,2915 Persons
Number of vehicles in place	1,277 vehicles of 10 types	750 vehicles of 9 types	747 vehicles of 11 types	365 vehicles of 9 types	3,139 vehicles of 39 types

**7. Others**

**About the abandoned ship off Pingtung County**

(Data Source: Ministry of Transportation and Communications)

1. The Maritime and Port Bureau, MOTC, the *Coast Guard* Administration (CGA) and the Environmental Protection Administration have established a response team and are keeping abreast of the ship’s situation at all times. A CGA helicopter inspection has shown that the ship is unmanned. At present the waves large are too large to attempt to salvage the ship. The ship has no hatch covers and the cargo hold is taking on water. It is thought that the ship will either sink or run aground during the typhoon. It (no ship name) is thought to have drifted in from the open sea. At present there is no sign of pollution but the EPA has an oil containment boom and other emergency response equipment in place at the 63<sup>rd</sup> Coastal Patrol Corp base at Nanren Fishing harbor for use as required.
2. The Maritime and Port Bureau is continuing to try to identify the gravel ship’s owner and has requested the coastal radio station to continue to broadcast the position the ship is anchored (north latitude 22.02 degrees, east longitude 120.54 degrees), and call on vessels to avoid sailing through this area to avoid a collision