

Typhoon Trami Disaster Response Report - 1st Report

Central Emergency Operation Center

Data as of 20.08.13 22:00:00

I. Typhoon Summary (Source: Central Weather Bureau)

Sea warning for mild Typhoon Trami was issued at 11:30 on August 20, 2013, with the sea and land warning issued at 20:30. At 20:00 the typhoon center was located at 23.2 degrees north latitude and 127.0 degrees east longitude. This placed the typhoon out at sea 590 km southeast-east of Taipei. The Force 7 storm radius is 150 km and the typhoon is moving in the northwest-west direction at a rate of 23 km/hr with 19 revolutions per hour. The latest update places the center of the typhoon out at sea southeast-east of Taipei and continuing to move in the northwest-west direction. The storm circle is gradually approaching the seas east of Taiwan and will pose a threat to Yilan, Taipei, New Taipei, Hualien and Keelung. The typhoon is expected to increase slightly in strength and the storm circle has shown signs of expanding as well. Yilan, Taipei, New Taipei, Hualien and Keelung should take extra precautions as well as prepare for strong winds and heavy rain. Shipping sailing or operating off Taiwan's north coast, northeast coast and in the northern part of the Taiwan Strait should take extra precautions. Due to the outer circulation of the typhoon, The mountains in Taiwan's northeast and western half began experiencing torrential or extremely torrential rains starting tonight; The mountains in the northeast, western half, Hualien and Taitung may experience extremely heavy rain or torrential rain; Hualien, Taitung, Penghu, Kinmen and Mazu may experience heavy rain or extremely heavy rain. Please watch out for landslides, falling rocks, debris flows and flash floods. Low-lying areas should take precautions against flooding. Long waves are very likely along Taiwan's northern and eastern coasts as well as in Lyudao, Lanyu and Hengchun Peninsula so please be careful near the coast. Spring tide is currently in effect so low-lying areas should take precautions against flooding and storm surges.

II. Disaster Profile

A. Rainfall (Source: Central Weather Bureau, Ministry of Transportation and Communications) ●

(Data from 8/20 0:00 to 8/20 22:00)

Area	Rainfall (mm)
Guanyin Township of Taoyuan County	240.5
Linkou District of New Taipei City	225

III. Typhoon Response

A. City-county emergency operation centers established (Source: National Fire Agency, Ministry of the Interior)

Type	Number of EOCs	Location
------	----------------	----------

	established	
County/ City	9	Level 1: Taipei City Level 2: New Taipei City, Taoyuan County, Hsinchu City, Yilan County, Hualien County Level 3: Hsinchu County, Tainan City, Penghu County
Port	3	Level 1: Taichung Port Level 2: Keelung Port, Hualien Port

B. Danger areas declared (Source: National Fire Agency, Ministry of the Interior)

County/City	Number of danger areas					Enforcement	
	Low-lying area	Mountain	Coast	River	Other	Warnings issued	Penalty notices issued
New Taipei City	0	0	9	10	19	0	0
Yilan County	0	143	5	35	13	0	0
Hualien County	0	25	18	69	166	0	0
Total	0	168	32	114	198	0	0

C. Accommodation of fishermen from Mainland China (Source: Council of Agriculture, Executive Yuan)

Time	Accommodated on boats	Accommodated on shore	Total
2013/08/20 21:11	1020	726	1746

D. Mountain climber contact (Source: National Police Agency, Ministry of the Interior)

Table created: 21:00, 20/08/2013

Mountain Climbing Applications		Persuaded to not enter mountain areas		Climbers contacted								Climbers out of contact	
				Already left the mountains		Safe accommodation in the mountains		Shelter in place		Leaving the mountains			
Case	Persons	Case	Persons	Case	Persons	Case	Persons	Case	Persons	Case	Persons	Case	Persons
850	4755	646	3580	204	1175	0	0	0	0	0	0	0	0

(Note: Climbers out of contact refers to climbers that have not contacted rangers, family members or the police for more than 48 hours after entering the mountain areas. This table was compiled by the MOI National Police Agency and the MOI Construction and Planning Agency)

IV. Disaster Statistics

A. Deaths and injuries (Source: National Fire Agency, Ministry of the Interior)

No injuries or deaths have been reported so far.

B. Transportation: Flight delays and cancellations (Source: Ministry of Transportation and Communications)

A total of 19 flights were affected as listed in attachment.

V. Support for City-County Emergency Operations

A. Emergency response readiness (Source: Ministry of National Defense)

The first emergency response force of 3200 people can be deployed with 10 minutes' notice. The second emergency response force of 4800 people can be deployed with 3 hours' notice.

Table of Pre-Deployed Military Emergency Response Forces on Taiwan				
Area	3rd Combat Zone (North)	5th Combat Zone (Central)	4th Combat Zone (South)	2nd Combat Zone (East)
1st Emergency Response Force	800 people	800 people	800 people	800 people
Location				
Subtotal	3200 people			
2nd Emergency Response Force	1200 people	1200 people	1200 people	1200 people

Location				
Subtotal	4800 people			

B. Military personnel pre-deployed in high risk areas (Source: Ministry of National Defense)

The military has pre-deployed a total of 160 servicemen and 47 vehicles in 5 types in high-risk areas.

Table of Pre-Deployed Military Emergency Response Forces on Taiwan					
Area	3rd Combat Zone (North)	5th Combat Zone (Central)	4th Combat Zone (South)	2nd Combat Zone (East)	Total
Location	Linkou, Su-ao	Shuishang	Zuoying		
Pre-deployed Personnel	47 people	14 people	99 people	0 people	160 people
Pre-deployed vehicles	2 types, 10 vehicles	2 types, 4 vehicles	1 types, 33 vehicles	0 types, 0 vehicles	5 types, 47 vehicles

附件

航空交通延誤及停班情形

項次	日期時間	航空公司別	航線或班次	延誤或停班	原因 (機場關閉、天候因素、航班調度)	備註
1	08/20 15:50	菲律賓航空	895(TPE-MNL)	取消	天候因素(颱風)	
2	08/20 15:35	復興航空	2073(KHH-KNH)	延誤	天候因素(颱風)	
3	08/20 15:00	復興航空	2202(KHH-MZG)	延誤	天候因素(颱風)	
4	08/20 14:50	菲律賓航空	894(MNL-TPE)	取消	天候因素(颱風)	
5	08/20 14:50	越南航空	583(KHH-SGN)	延誤	天候因素(颱風)	
6	08/20 14:40	復興航空	236(KNH-TSA)	延誤	天候因素(颱風)	
7	08/20 14:30	立榮航空	665(KHH-MZG)	取消	天候因素(颱風)	
8	08/20 14:05	復興航空	2064(KNH-KHH)	延誤	天候因素(颱風)	
9	08/20 13:20	德安航空	7011(KHH-CMJ)	延誤	天候因素(颱風)	
10	08/20 13:15	立榮航空	887(TSA-KNH)	延誤	天候因素(颱風)	
11	08/20 13:05	復興航空	237(TSA-KNH)	延誤	天候因素(颱風)	
12	08/20 12:38	德安航空	7006(WOT-KHH)	延誤	天候因素(颱風)	
13	08/20 12:35	立榮航空	953(CYI-KNH)	延誤	天候因素(颱風)	

14	08/20 12:30	復興航空	2342(KNH-TSA)	取消	天候因素(颱風)	
15	08/20 11:40	中華航空	712(MNL-KHH)	取消	天候因素(颱風)	
16	08/20 10:45	復興航空	235(TSA-KNH)	取消	天候因素(颱風)	
17	08/20 07:30	中華航空	711(KHH-MNL)	取消	天候因素(颱風)	
18	08/20 01:25	宿霧太平洋航空	311(TPE-MNL)	延誤	天候因素(颱風)	
19	08/20 00:40	宿霧太平洋航空	310(MNL-TPE)	延誤	天候因素(颱風)	