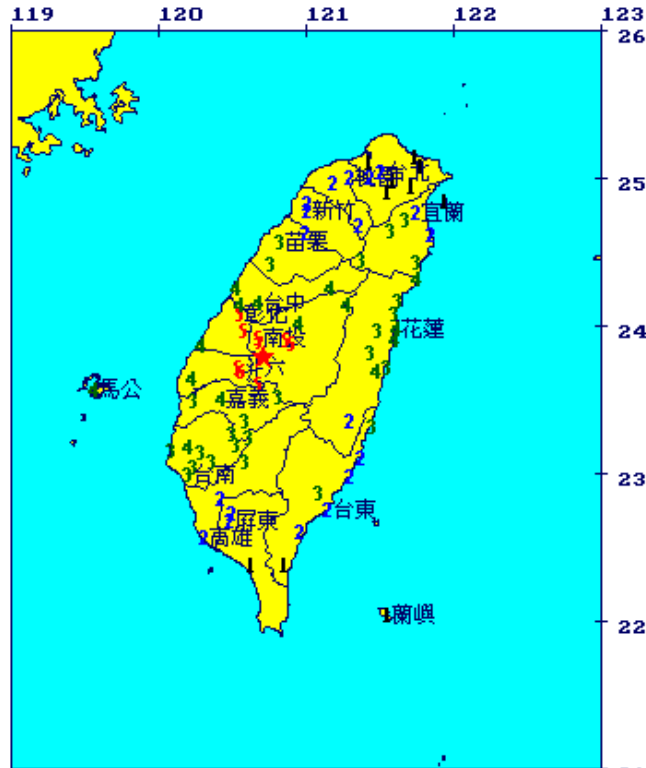


# Nanto earthquake on 05 November, 2009

Origin Time: 2009/11/05 17:32:56  
 Lat:23.79N Lon:120.72E Mag:6.0 Depth:19.3km



圖說：★表震央位置，阿拉伯數字表示該測站震度

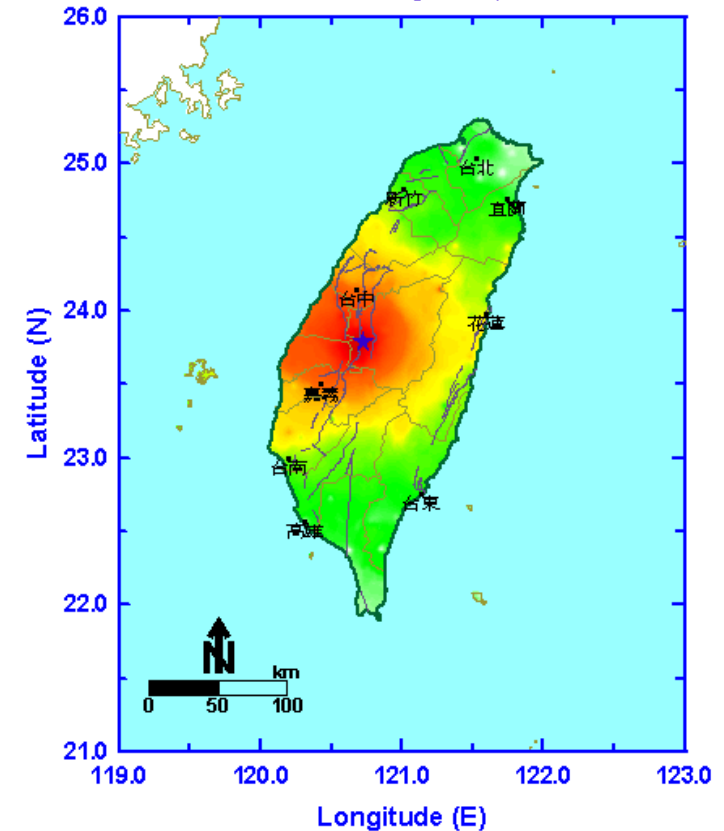
## 中央氣象局地震報告

編號：第98125號  
 日期：98年11月5日  
 時間：17時32分56.5秒  
 位置：北緯23.79度，東經120.72度  
 即在 南投名間地震站南偏東方 10.3 公里  
 地震深度：19.3 公里  
 芮氏規模：6.0

### 各地最大震度

|      |    |      |    |
|------|----|------|----|
| 南投名間 | 7級 | 苗栗市  | 3級 |
| 雲林古坑 | 6級 | 台東長濱 | 3級 |
| 南投市  | 5級 | 宜蘭南山 | 3級 |
| 斗六市  | 5級 | 台南市  | 3級 |
| 彰化員林 | 5級 | 新竹市  | 2級 |
| 彰化市  | 5級 | 桃園三光 | 2級 |
| 台中市  | 4級 | 新竹竹北 | 2級 |
| 嘉義市  | 4級 | 屏東九如 | 2級 |
| 台中港  | 4級 | 台東市  | 2級 |
| 花蓮光復 | 4級 | 高雄市  | 2級 |
| 台南佳里 | 4級 | 桃園市  | 2級 |
| 花蓮市  | 4級 | 宜蘭市  | 2級 |
| 澎湖馬公 | 4級 | 台北板橋 | 2級 |
| 嘉義草山 | 3級 | 屏東市  | 2級 |
| 苗栗三義 | 3級 | 台北市  | 2級 |
| 高雄甲仙 | 3級 |      |    |

本報告係中央氣象局地震觀測網即時地震資料地震通報之結果。



震度 I II III IV V VI VII  
 PGA 0.8 2.5 8 25 80 250 400 (gal)

## Taiwan seismic intensity scale

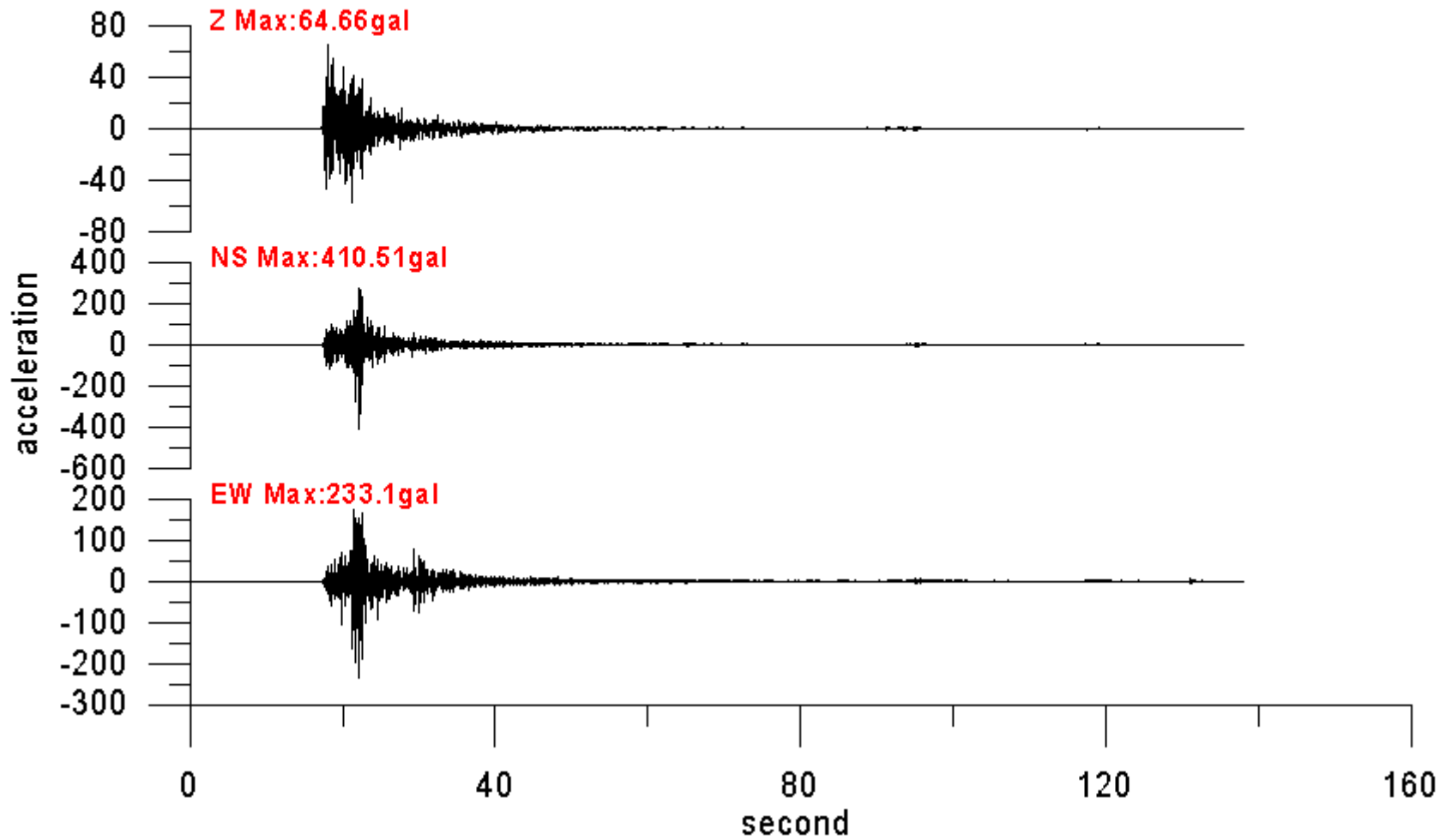
|   |
|---|
| 0 : No feeling<br>Shocks too weak to cause feelings, registered only by seismographs.<br>Acceleration smaller than 0.8 gals.  |
| I : Slight<br>Extremely feeble shocks only by person at rest or by those who are observant of earthquake.<br>Acceleration in the range of 0.8 to 2.5 gals.  |
| II : Weak<br>Shocks felt by most persons, slight shaking of doors.<br>Acceleration in the range of 2.5 to 8 gals.   |
| III : Rather strong<br>Slight shaking of houses and buildings, rattling of doors, swinging of hanging objects such as electric lamps, moving of liquids in vessels.<br>Acceleration in the range of 8.0 to 25 gals. |
| IV : Strong<br>Strong shaking of houses and buildings, overturning of unstable objects, spilling of liquids out of vessels.<br>Acceleration in the range of 25 to 80 gals.  |
| V : Very strong<br>Cracks in the walls, overturning of gravestones, stone lanterns etc., damaging of chimneys and stones walls.<br>Acceleration in the range of 80 to 250 gals.                                     |
| VI : Disastrous<br>Demolition of houses, landslides, faults, fissures on the ground.<br>Acceleration in the range of 250 to 400 gals.   |
| VI : Very disastrous<br>Demolition of houses, intense landslides, faults, large fissures on the ground.<br>Acceleration greater than 400 gals.  |

Origin Time:2009/11/05 17:32:56

Lat:23.79N Lon:120.72E Depth:19.3km Mag:6.0

Dist:10.25km AZ:165.03

### 名間 WNT(2009/11/05 17:32:44) 7級

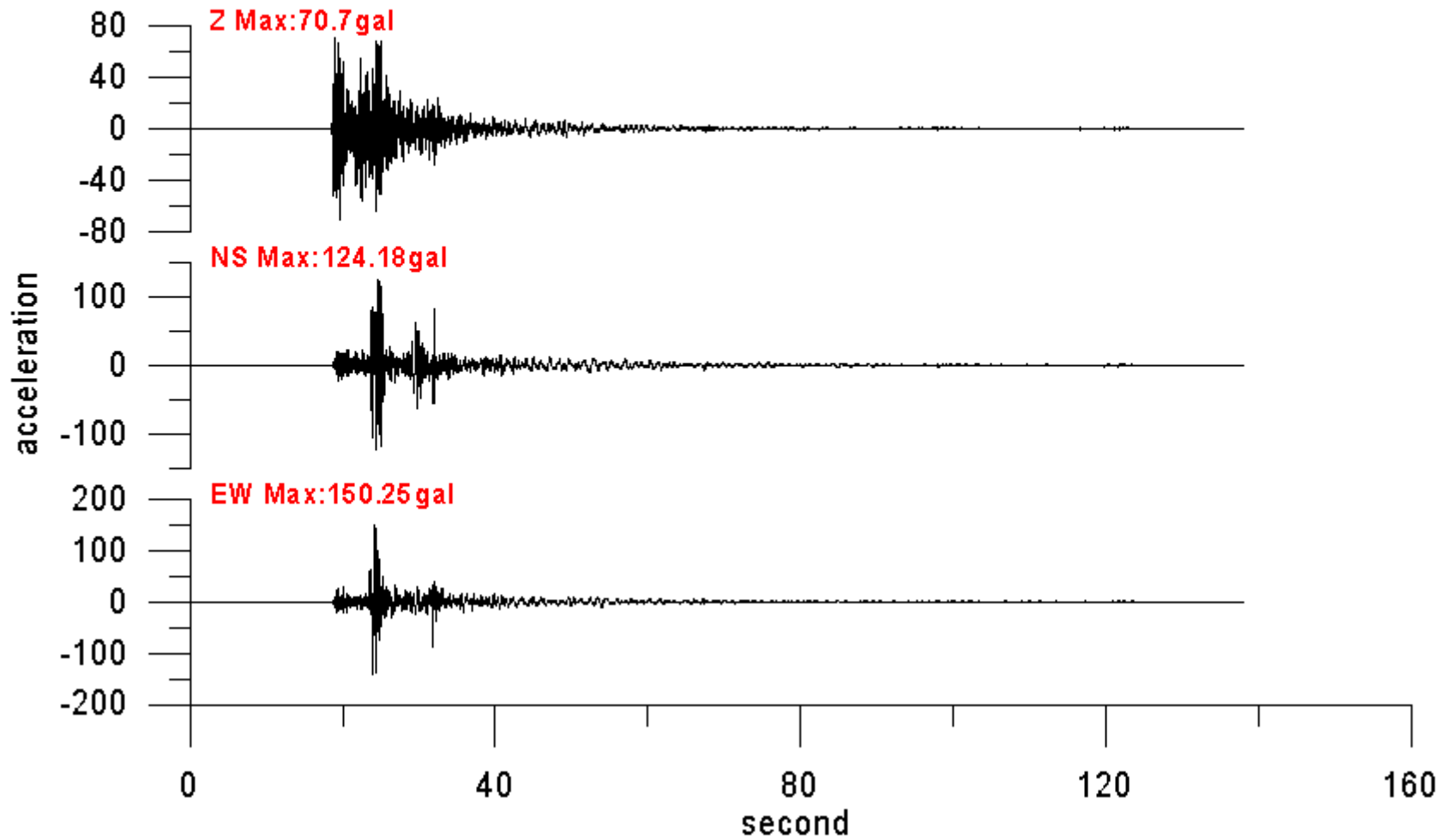


Origin Time:2009/11/05 17:32:56

Lat:23.79N Lon:120.72E Depth:19.3km Mag:6.0

Dist:23.82km AZ:143.7

**員林 WYL(2009/11/05 17:32:44) 5 級**

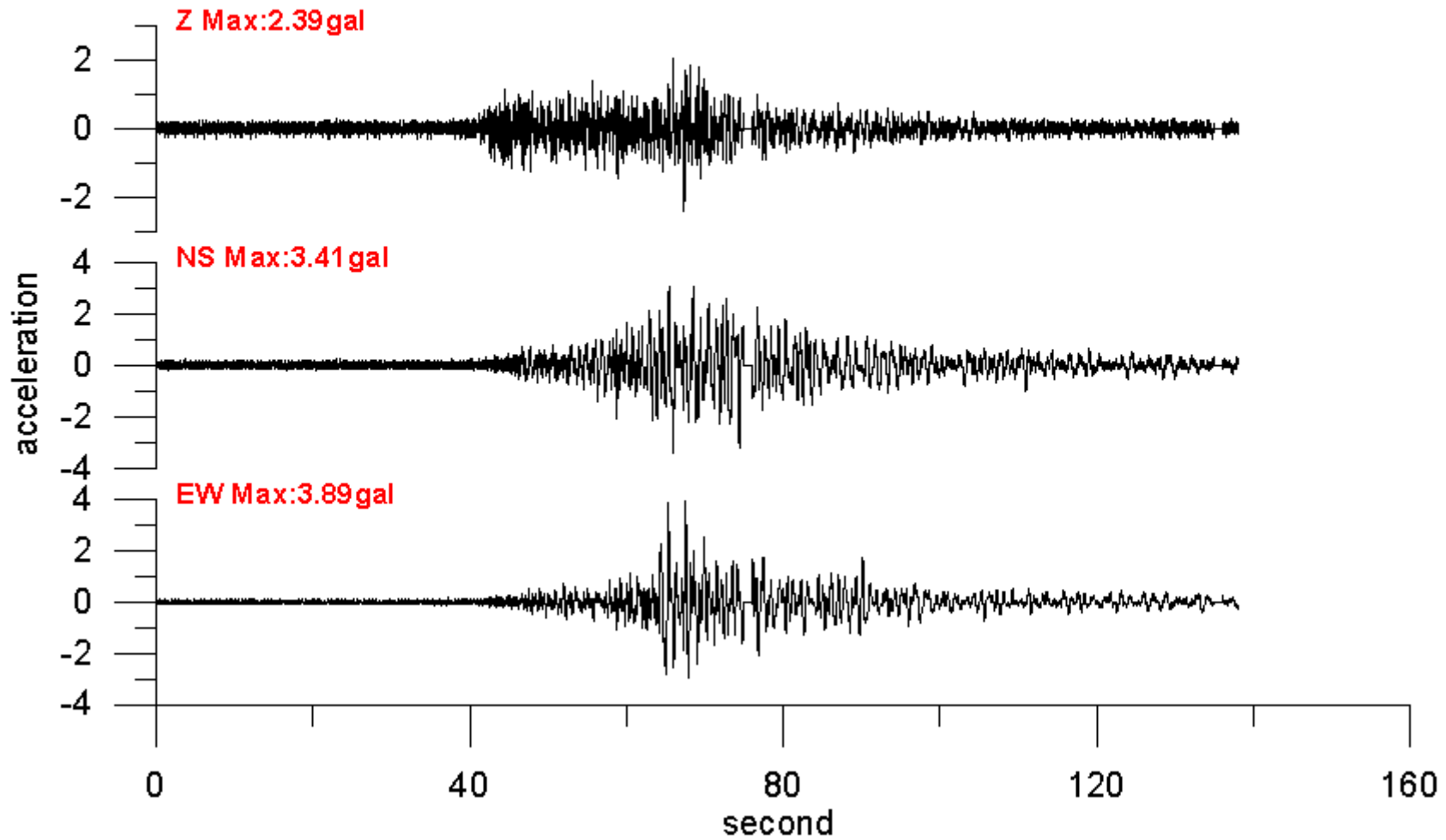


Origin Time:2009/11/05 17:32:56

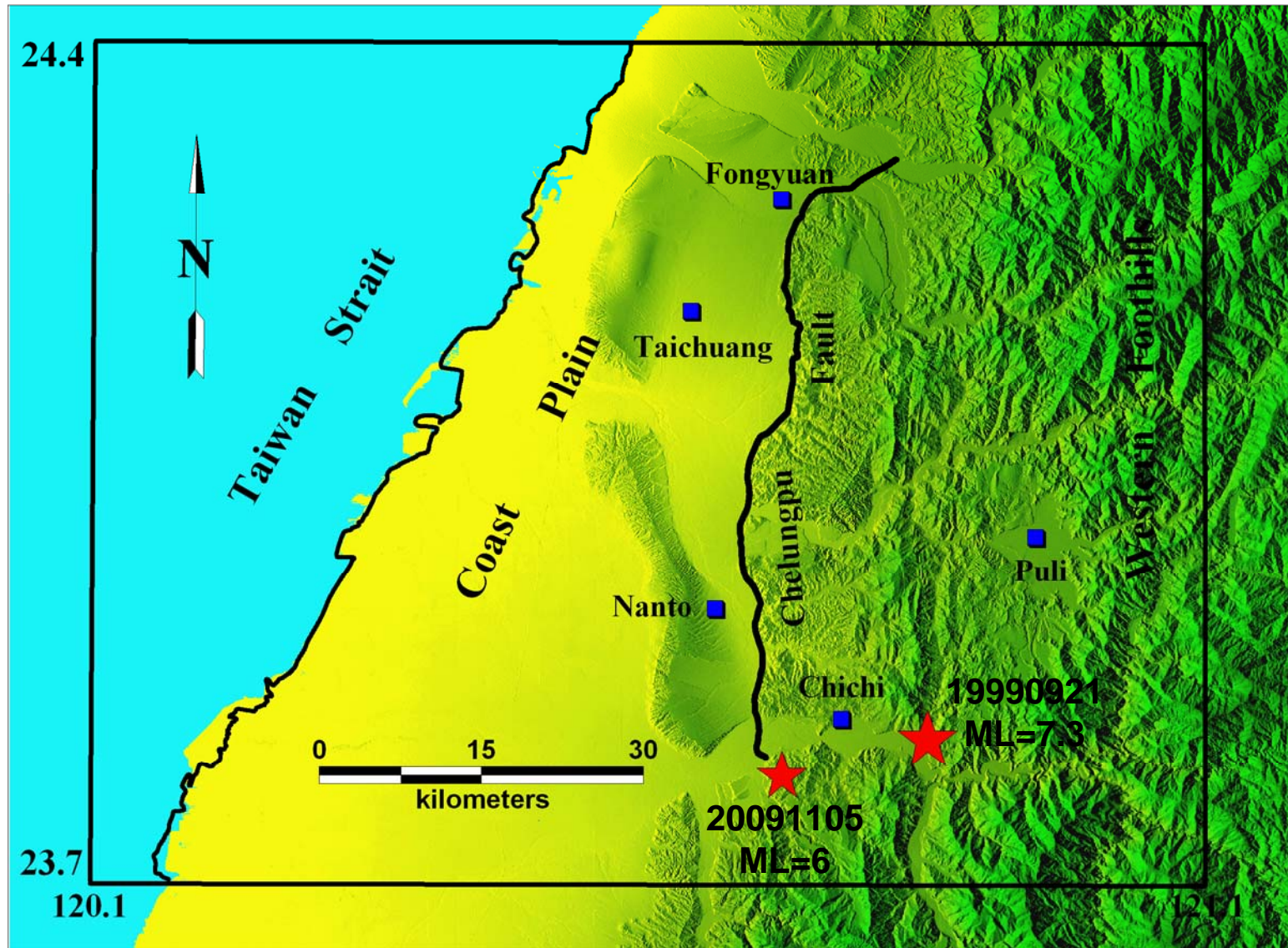
Lat:23.79N Lon:120.72E Depth:19.3km Mag:6.0

Dist:160.25km AZ:210.23

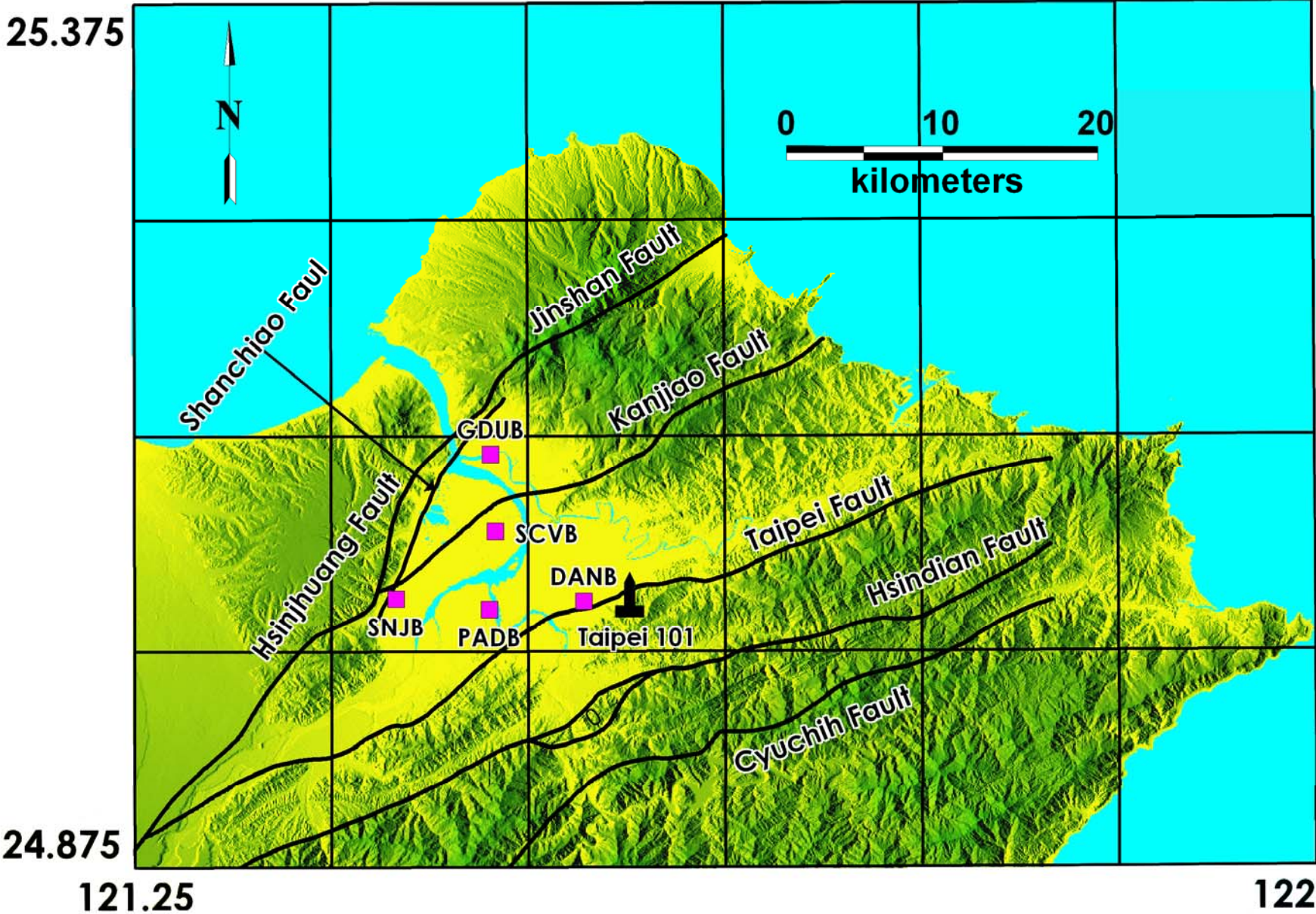
## 台北市TAP(2009/11/05 17:32:44) 2級



# Nanto earthquake on 05 November, 2009



# Broadband downhole seismic array in Taipei Basin



# The waveforms recorded at DANB downhole site

