

Tropical Storm (TS) 21W (Maria*)

First Poor : 2200Z 26 Aug 00

First Fair : 1200Z 27 Aug 00

First TCFA : 1730Z 27 Aug 00

First Warning : 0000Z 28 Aug 00

Last Warning : 0600Z 01 Sep 00

Max Intensity : 55 kts, Gusts to 70 kts

Landfall : 2000Z 31 Aug 00 east of Hong Kong

Total Warnings : 18

Remarks:

- (1) TS 21W formed and remained in the northeast South China Sea, moving in a very tight U-shaped track for approximately 100 hours before moving inland between Huidong and Haifeng, Guangdong province, China.
- (2) The China Meteorological Administration reported that TS 21W caused 72 fatalities, wounded 772 persons, and caused economic losses estimated at \$317 million.

* Name assigned by RSMC Tokyo

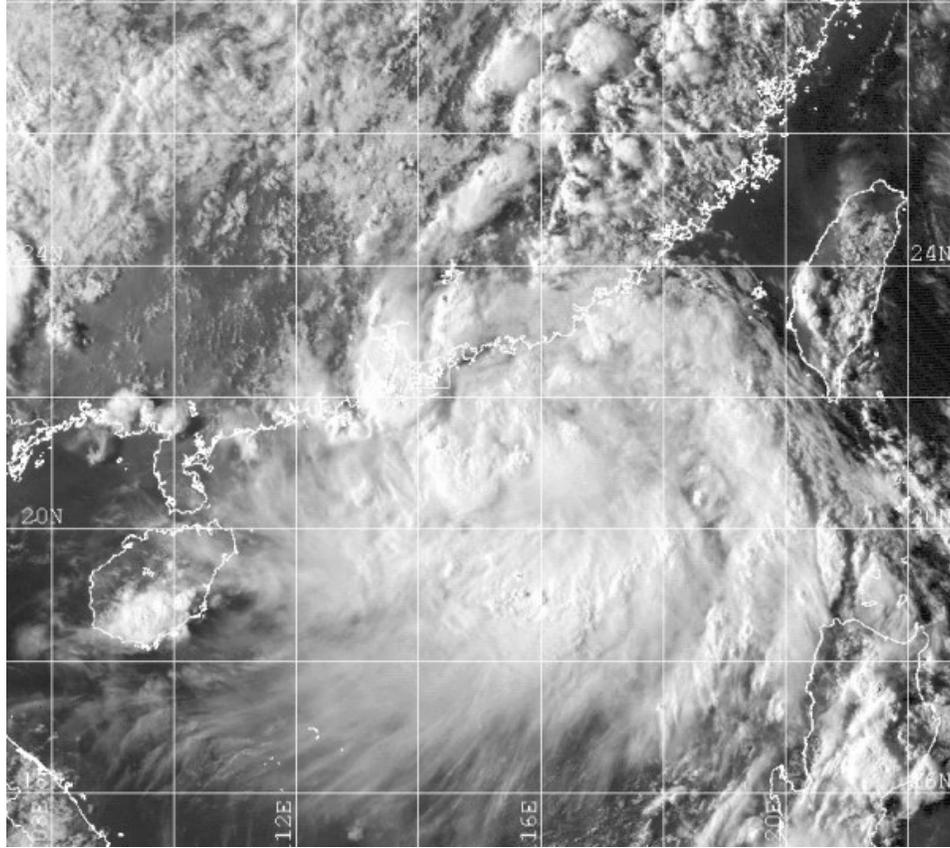


Figure 1-21W-1. 270831Z August 2000 GMS-5 visible image of the broad area of convection south of China which developed into TS 21W.

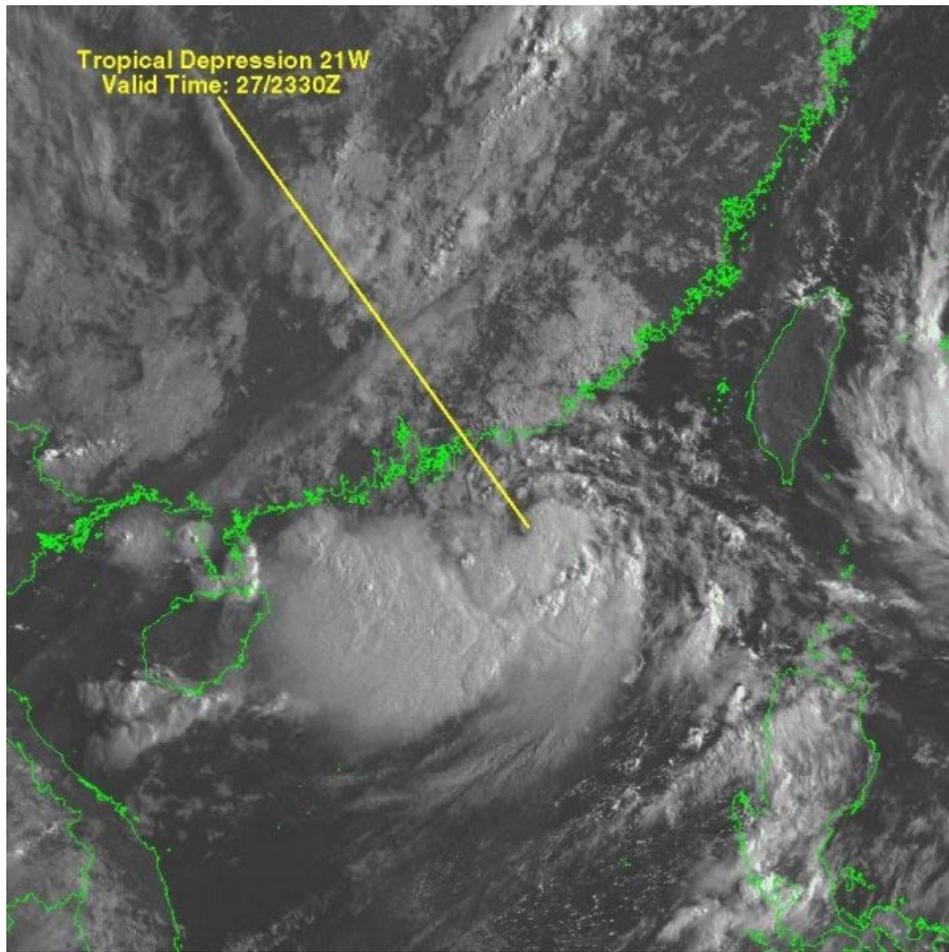


Figure 1-21W-2. 272330Z August 2000 GMS-5 visible image of TS 21W, with the low-level circulation center located about 100 nm east-southeast of Hong Kong, China. Deep convection is seen wrapping around the circulation center, as a large rainband stretches to the west.

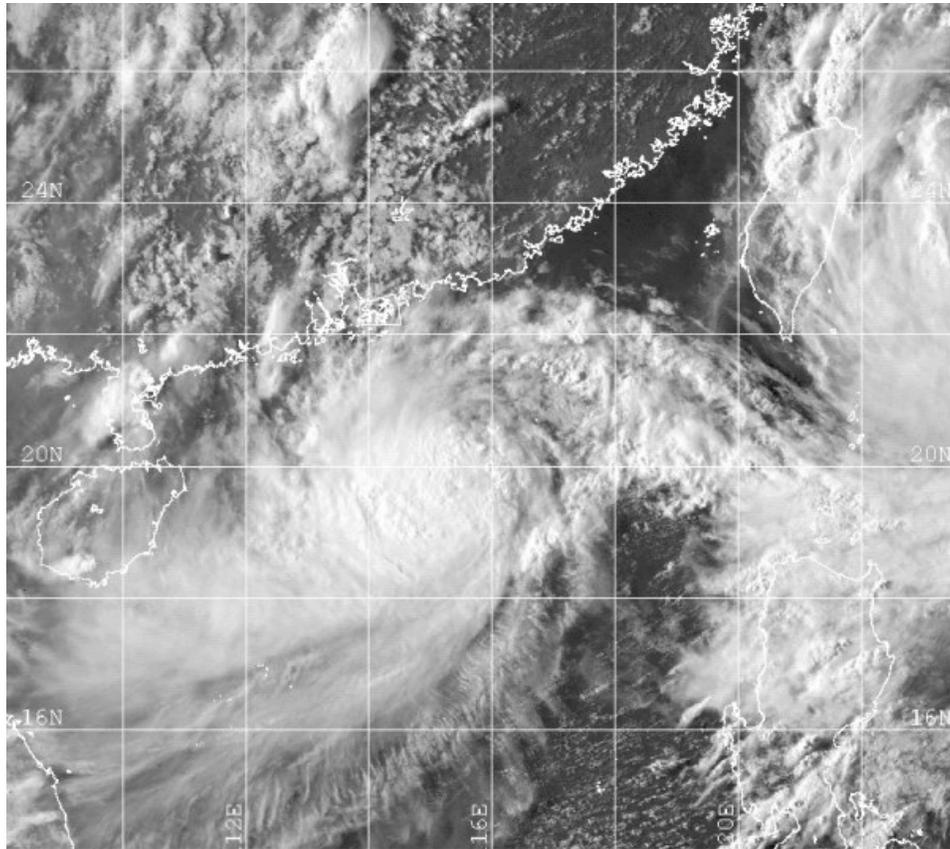


Figure 1-21W-3. 280831Z August 2000 GMS-5 visible image of TS 21W, located about 120 nm east-southeast of Hong Kong with deep convection mainly to the southwest. The banding feature that extends into Luzon Strait appears to suggest linkage or association with TY 20W, which at this time, is located east of Taiwan.

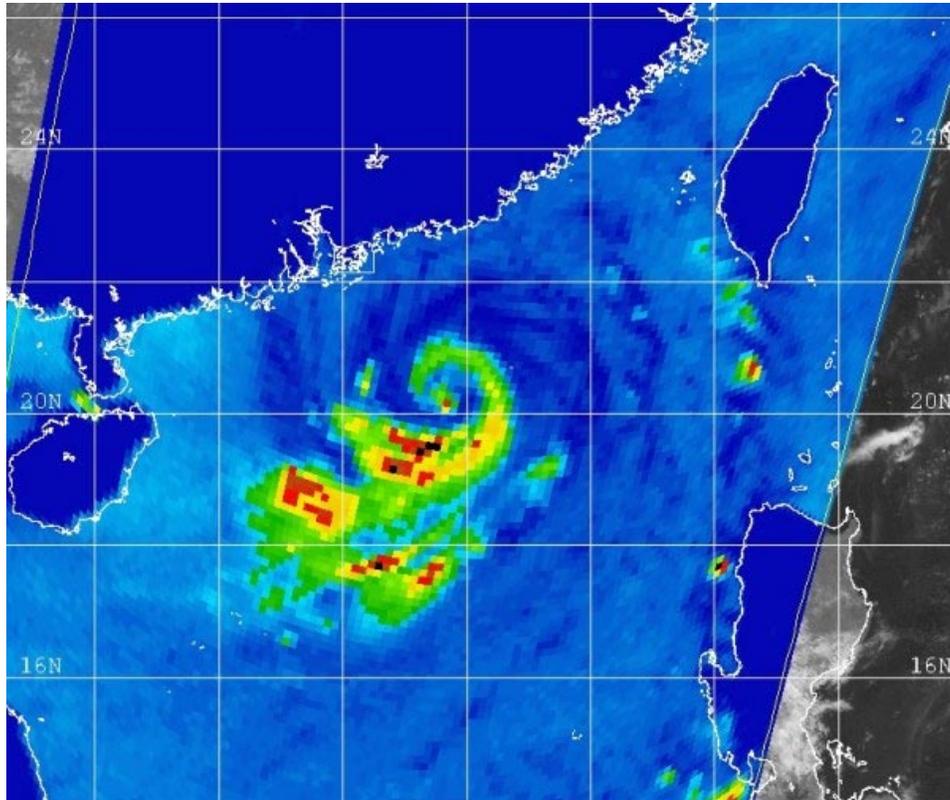


Figure 1-21W-4. 310131Z August 2000 SSMI 85 GHz image of TS 21W, depicting spiral banding around the center. At this time, the cyclone is about 170 nm east-southeast of Hong Kong, moving north at 7 knots.

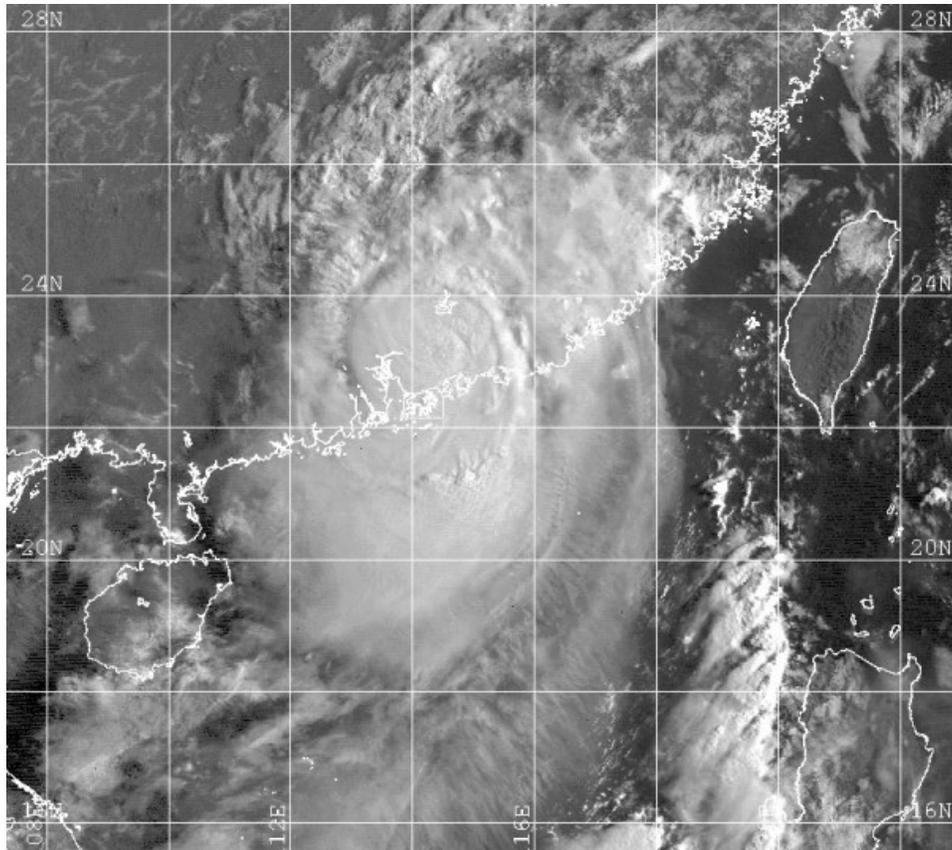


Figure 1-21W-5. 312301Z August 2000 GMS-5 visible image of TS 21W, just after landfall over China, with maximum sustained winds of 55 knots and deep convection still present near the center.

TROPICAL STORM 21W (MARIA)
27 AUGUST - 01 SEPTEMBER 2000

