

# Super Typhoon (STY) 01W (Damrey\*)

First Poor : 1400Z 03 May 00

First Fair : 1700Z 03 May 00

First TCFA : 2330Z 04 May 00

First Warning : 1800Z 05 May 00

Last Warning : 0600Z 12 May 00

Max Intensity : 155 kts, Gusts to 190 kts

Landfall : None

Total Warnings : 27

Remarks:

- (1) First tropical cyclone for 2000 and first super typhoon that occurred during the western North Pacific Ocean tropical cyclone season.
- (2) The second most intense tropical cyclone to have occurred in May according to JTWC records.
- (3) Rapidly intensified to super typhoon strength after changing track from northwestward to northeastward in the Philippine Sea.
- (4) Reached peak intensity 091800Z May 00
- (5) Weakened to tropical storm intensity 30 hours after attaining peak intensity.
- (6) Experienced vertical shear, weakened then dissipated near the Bonin Islands.

\* Name assigned by RSMC Tokyo

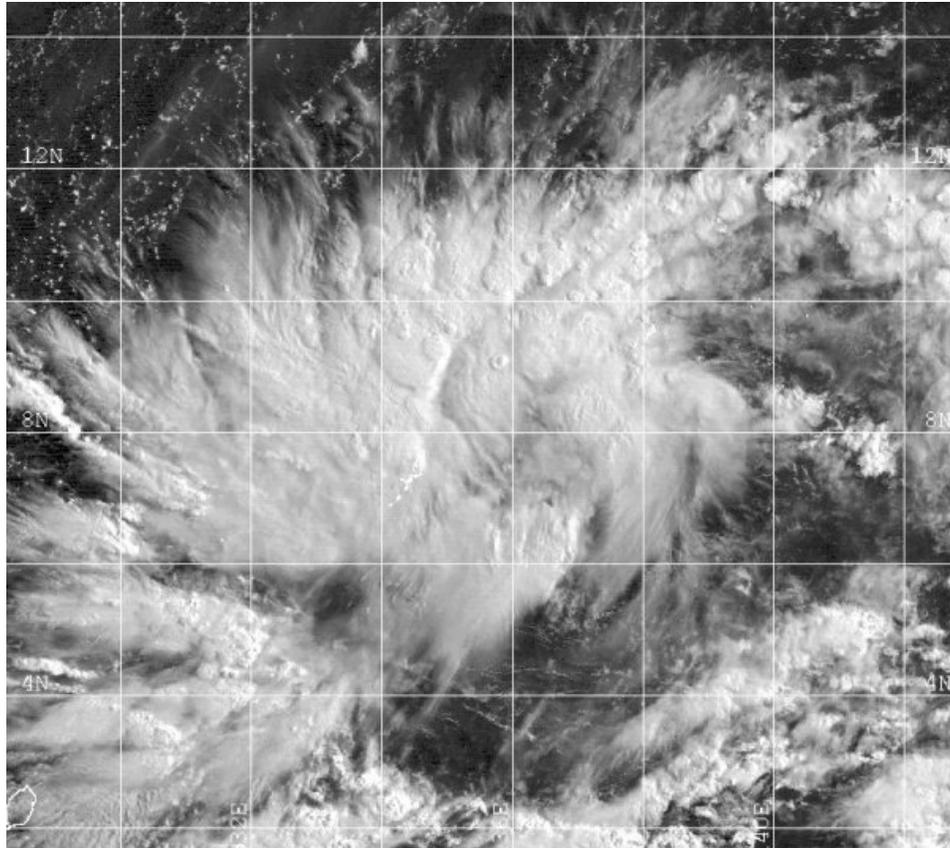


Figure 1-01W-1. 032322Z May 2000 GMS-5 visible image of the incipient disturbance near Palau which developed into STY 01W.

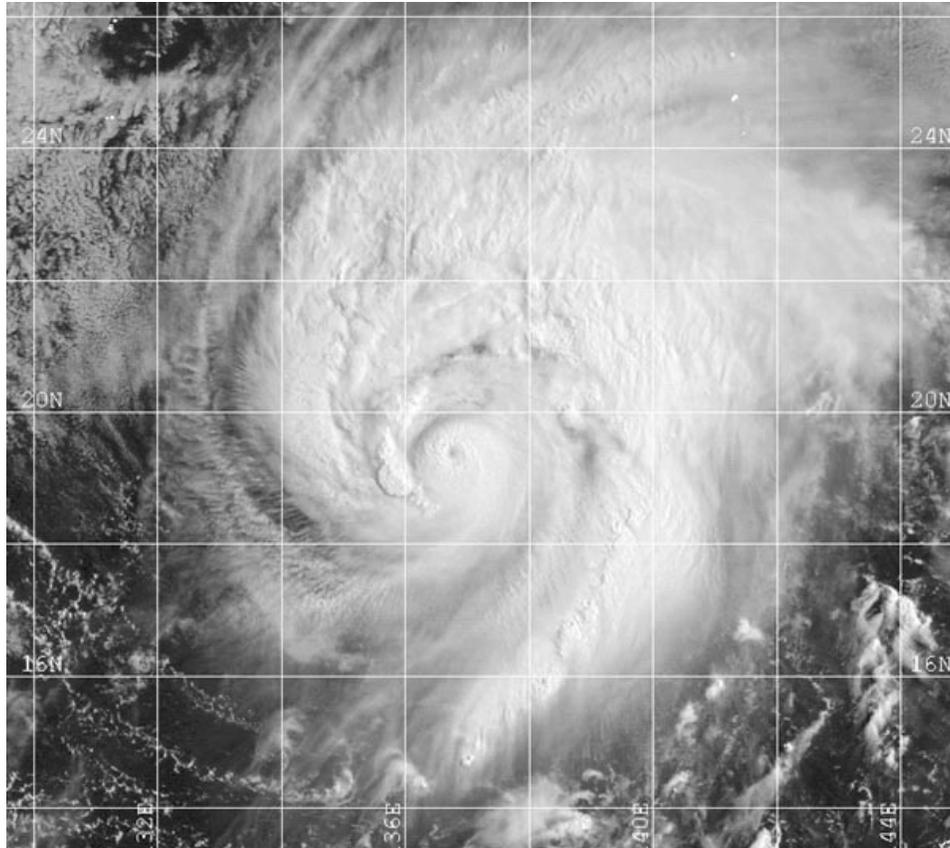


Figure 1-01W-2. 092301Z May 2000 GMS-5 visible image of STY 01W near peak intensity, with estimated winds of 150 knots. At this time, STY 01W is located about 480 nm west of the Mariana Islands with a tiny eye embedded within a well developed central dense overcast.

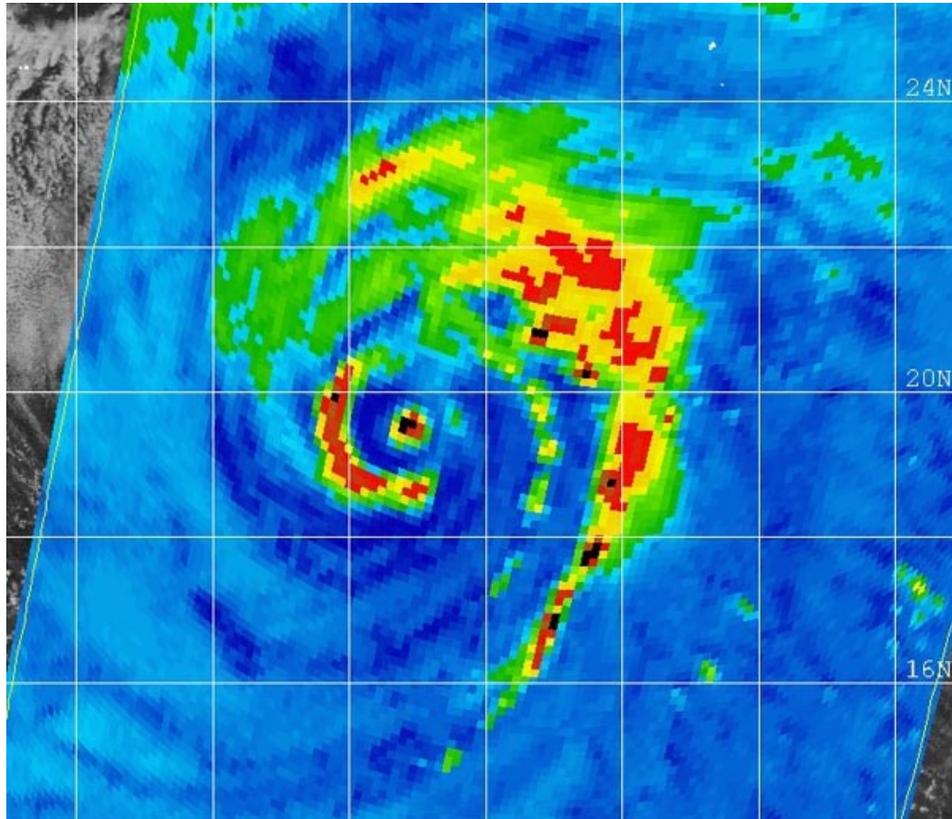


Figure 1-01W-3. 092342Z May 2000 SSMI 85 GHz image of STY 01W, with well-developed convection to the northeast of the low-level circulation.

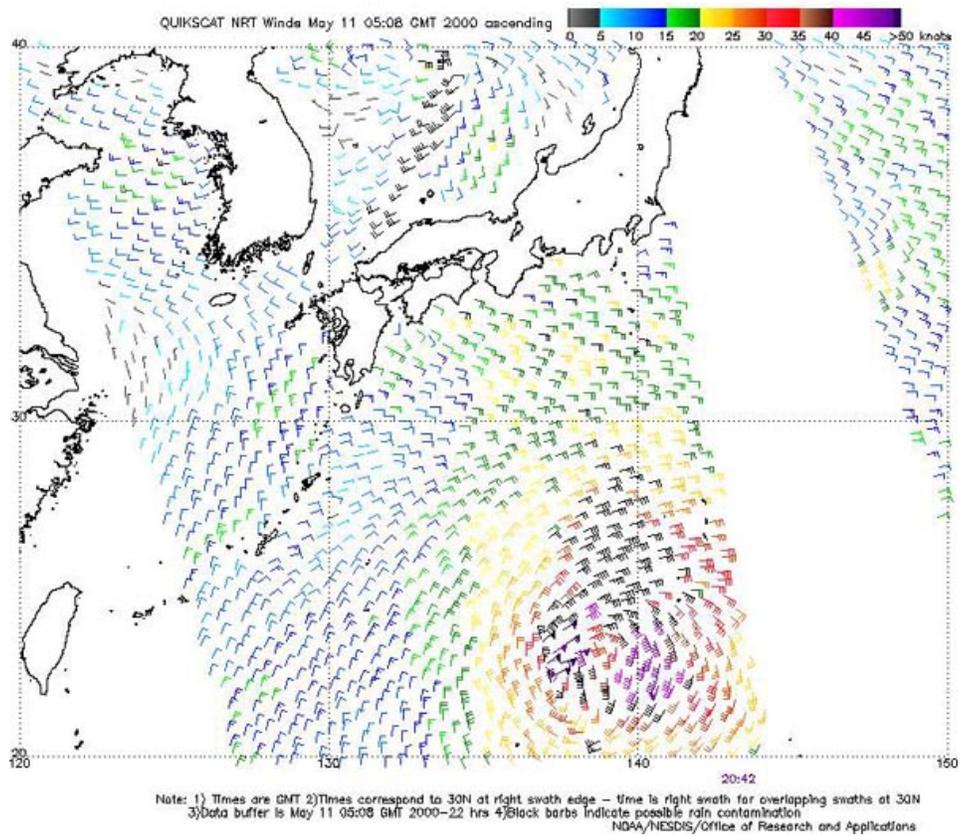


Figure 1-01W-4. 110508Z May 2000 QUIKSCAT pass over the well-defined low-level circulation center. STY 01W is centered 10 degrees south of Japan, with estimated best track intensity of 45 knots.

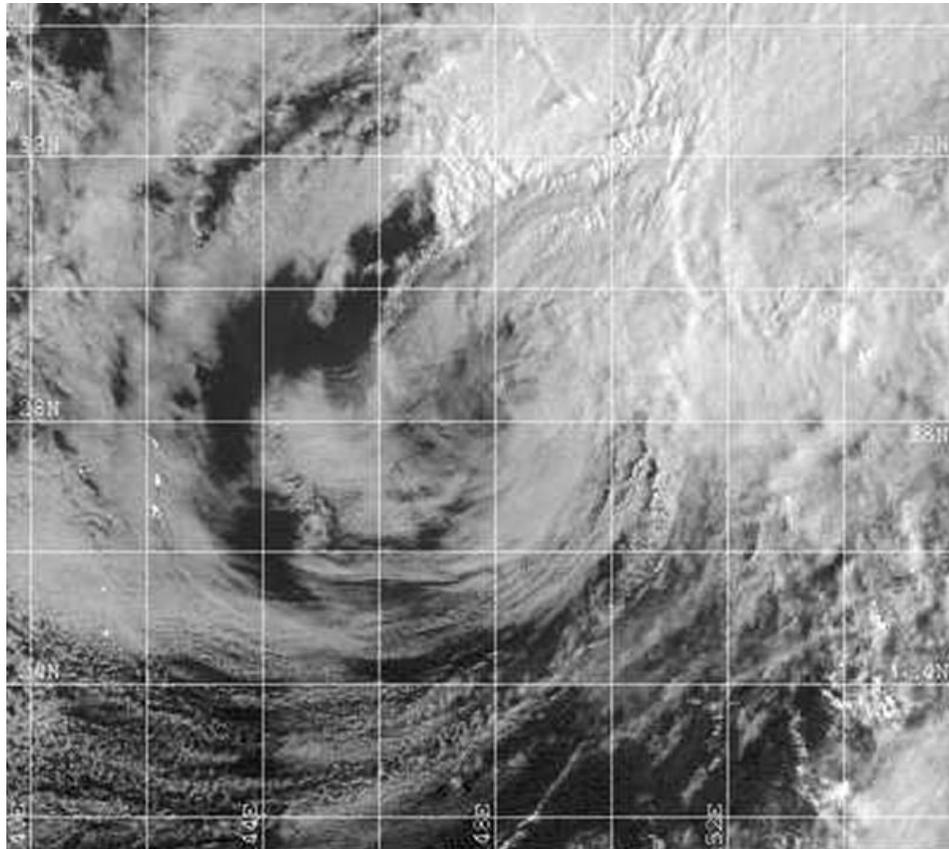
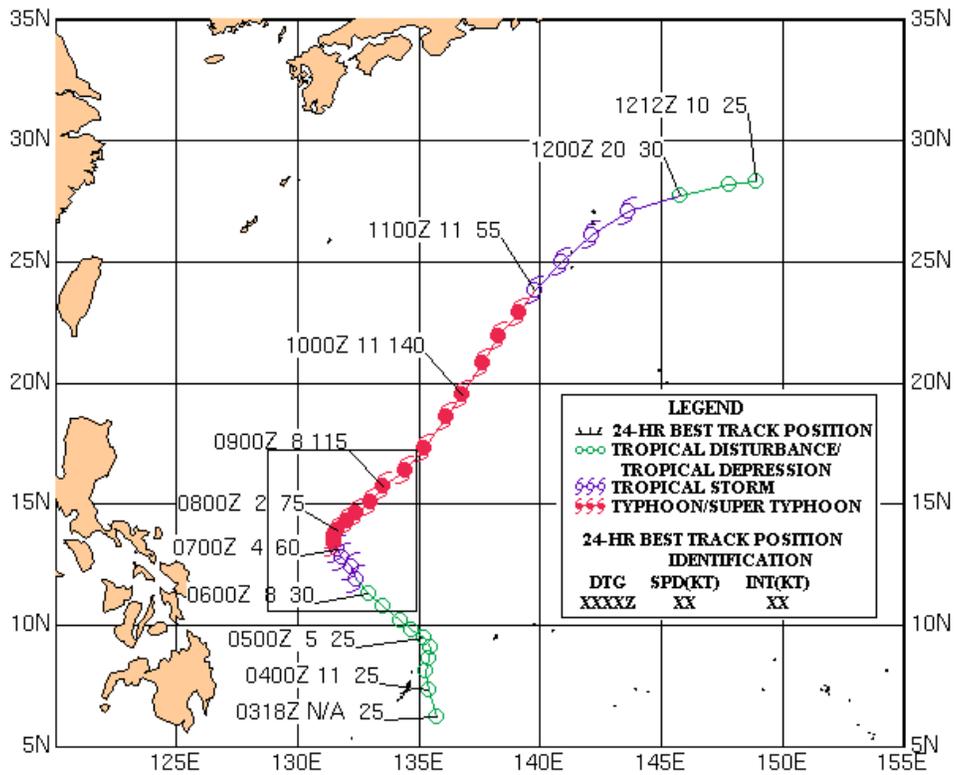


Figure 1-01W-5. 120716Z May 2000 GMS-5 visible image of the exposed low-level circulation. All the deep convection is located several degrees to the northeast. Synoptic data indicate the cyclone weakened as an upper-level trough approached from the northwest, increased the vertical shear, and displaced the upper-level circulation to the northeast.

**SUPER TYPHOON 01W (DAMREY)**  
05 - 12 MAY 2000



See below to view inset detail

