

TROPICAL STORM SCOTT (11W)

Tropical Storm Scott formed in mid-July near 24N 150E from a Tropical Upper Tropospheric Trough (TUTT)-induced mid level disturbance. It was first noted on the 20 July Significant Tropical Weather Advisory (ABPW) as a closed low-level circulation with associated scattered convection. Initial development of the pre-Scott disturbance was inhibited by outflow from Super Typhoon (STY) Rosie (10W). However by 0000Z on 24 July system organization improved significantly, leading to issuance of a Tropical Cyclone Formation Alert (TCFA). The first warning on Tropical Depression (TD) 11W was issued just 6 hours later, at which time Rosie was located approximately 20 degrees west of TD 11W and moving north-northeastward with a large trailing anti-cyclone. The influence of this anti-cyclone caused TD 11W's northward track to shift to the southeast. TD 11W took a southeastward track instead of the more usual southwestward track attributed to the Indirect Tropical Cyclone Interaction (ITI) pattern because of the northwest-southeast orientation of the trailing anticyclone. After Rosie (10W) made landfall in Japan, this anticyclone became less significant as a steering influence on TD 11W. By 26 July, TD 11W appeared to be dissipating and JTWC issued what was thought to be the final warning. Soon afterward, development recommenced, resulting in a second TCFA issued at 1730Z on the 26th. Scott reached tropical storm intensity at 0600Z on the 27th and began its second major track change as it turned first toward the northwest for 24 hours and then finally to the northeast. The system reached its peak intensity of 55 kt (28 m/s), at 0600Z on the 29th and held it through 1800Z the same day. Scott began to slowly weaken, continuing northeastward, until it merged with a frontal system on 2 August. JTWC issued a final warning at 1200Z on this day. Tropical Storm Scott remained over water for its entire existence and JTWC received no reports of damage.



Figure 3-11-1 Tropical Storm Scott at peak intensity of 55 kt (28 m/s) on 29 July at 0633Z

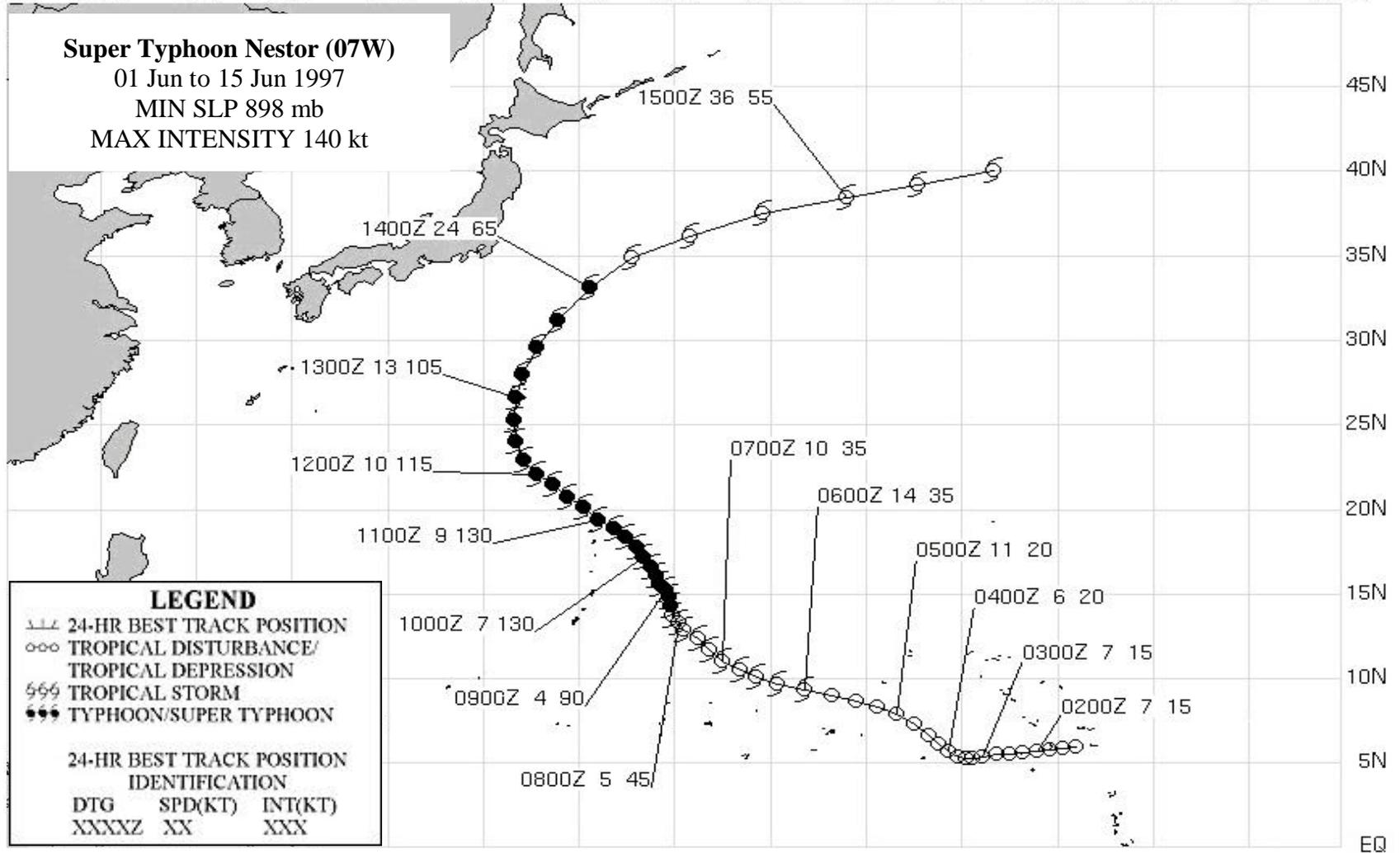
115E 120E 125E 130E 135E 140E 145E 150E 155E 160E 165E 170E 175E 180 175W

Super Typhoon Nestor (07W)

01 Jun to 15 Jun 1997

MIN SLP 898 mb

MAX INTENSITY 140 kt



LEGEND

- 24-HR BEST TRACK POSITION
- ooo TROPICAL DISTURBANCE/
TROPICAL DEPRESSION
- 555 TROPICAL STORM
- *** TYPHOON/SUPER TYPHOON

24-HR BEST TRACK POSITION
IDENTIFICATION

DTG	SPD(KT)	INT(KT)
XXXXZ	XX	XXX