

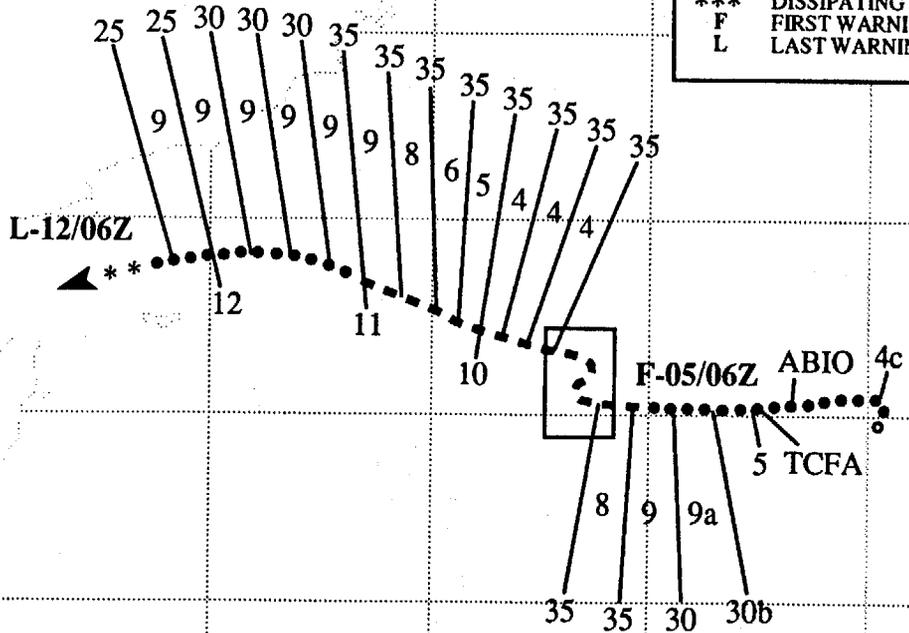
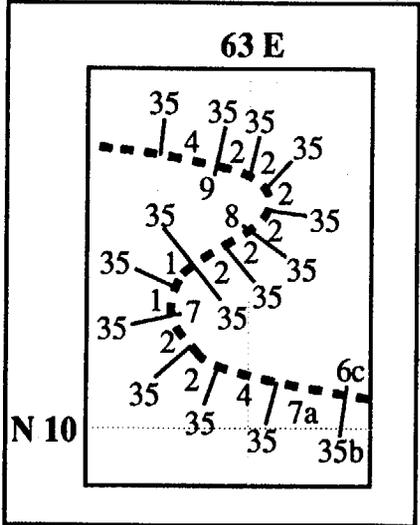
E 40                      45                      50                      55                      60                      65                      70                      75 E

N 30

**TROPICAL CYCLONE 02A**  
 BEST TRACK TC-02A  
 03 JUN - 12 JUN 92  
 MAX SFC WIND 35KT  
 MINIMUM SLP 997MB

**LEGEND**

- ∖∖∖ 6-HR BEST TRACK POSITION
- a SPEED OF MOVEMENT (KT)
- b INTENSITY (KT)
- c POSITION AT XX/0000Z
- TROPICAL DISTURBANCE
- TROPICAL DEPRESSION
- - - TROPICAL STORM
- TYPHOON
- ◆ SUPER TYPHOON START
- ◇ SUPER TYPHOON END
- ⊕ EXTRATROPICAL
- ⊖ SUBTROPICAL
- \*\*\* DISSIPATING STAGE
- F FIRST WARNING ISSUED
- L LAST WARNING ISSUED



160

EQ

## TROPICAL CYCLONE 02A

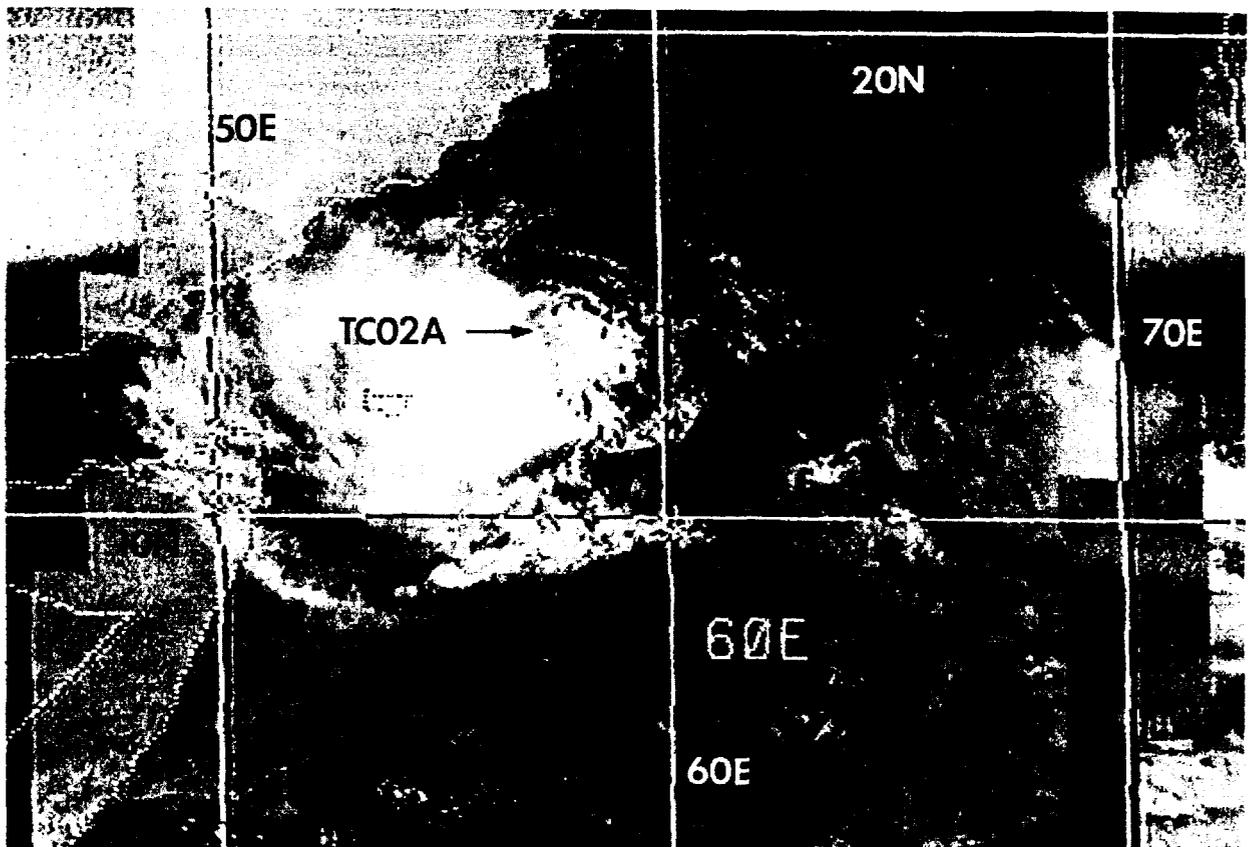


Figure 3-02A-1. A partially exposed low-level circulation is visible to the east of TC02A's central cloud mass (110300Z - 110400Z June DMSP visual digitized mosaic).

Two weeks after TC01B formed in the Bay of Bengal, a small low-level circulation center developed in the monsoon trough in the Arabian Sea. Increasing convection prompted JTWC to mention it on the 041800Z June Significant Tropical Weather Advisory. As convective organization rapidly improved, this was followed by a Tropical Cyclone Formation Alert at 042300Z, and the first warning at 050600Z. However, strong upper-level easterly winds restricted the outflow aloft, keeping the cyclone at minimum tropical storm intensity over the next five days as it tracked slowly westward across the Arabian Sea. Interpretation of DMSP microwave imagery on 7 June indicated that the low-level circulation was further east than analyzed from infrared data, resulting in a relocated position and an amended forecast at 072100Z. As the presence of upper-level shear persisted, TC02A gradually weakened. The final warning was issued by JTWC at 120600Z as the cyclone dissipated over the open ocean just north of the island of Socotra. TC02A was the first of four tropical cyclones to develop during 1992 in the Arabian Sea, a basin that averages only one per year