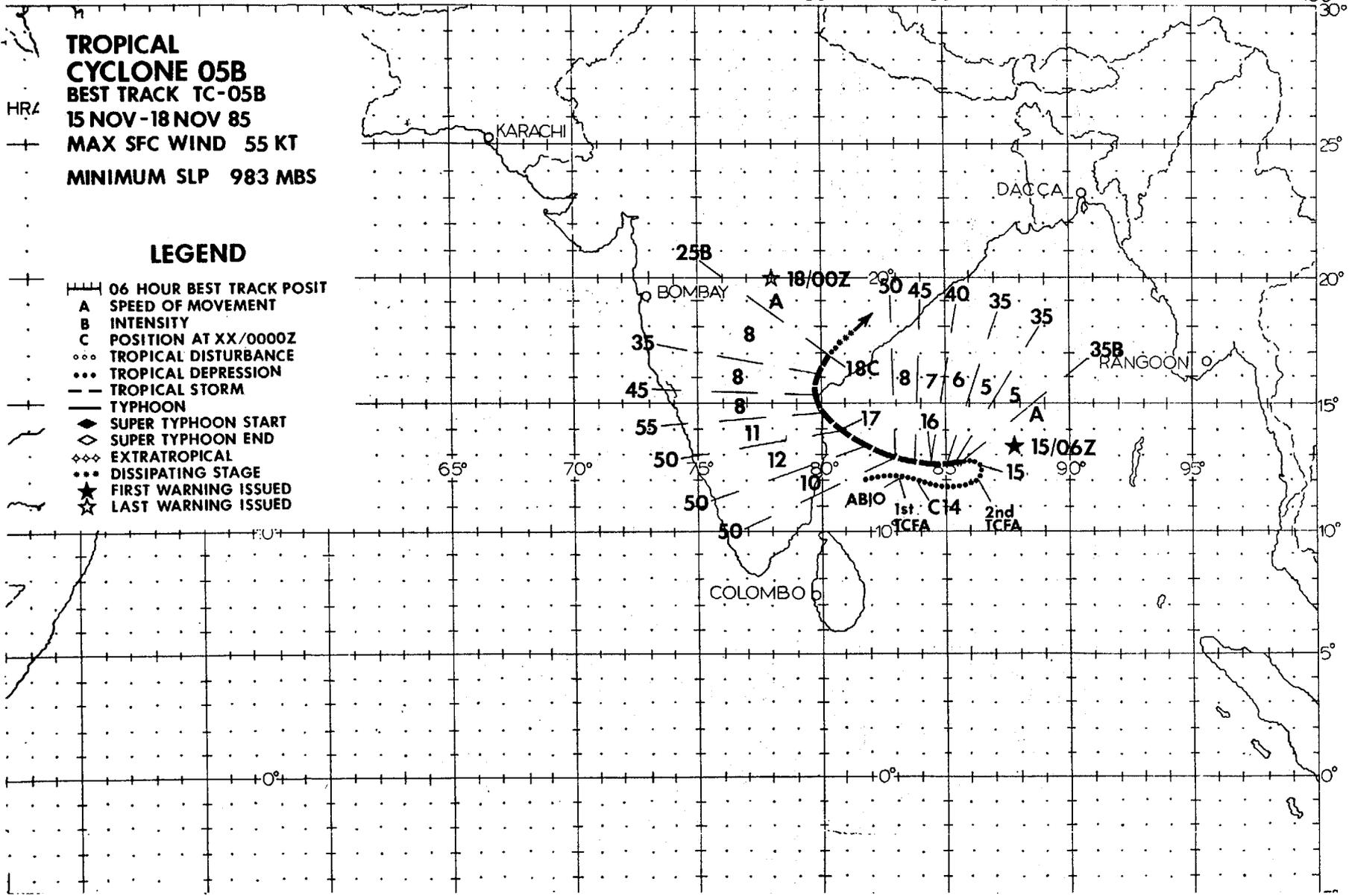


50° 55° 60° 65° 70° 75° 80° 85° 90° 95° 100°

**TROPICAL  
CYCLONE 05B**  
**BEST TRACK TC-05B**  
 15 NOV - 18 NOV 85  
 MAX SFC WIND 55 KT  
 MINIMUM SLP 983 MBS

**LEGEND**

- 06 HOUR BEST TRACK POSIT
- A SPEED OF MOVEMENT
- B INTENSITY
- C POSITION AT XX/0000Z
- ... TROPICAL DISTURBANCE
- ... TROPICAL DEPRESSION
- TROPICAL STORM
- TYPHOON
- ◆ SUPER TYPHOON START
- ◇ SUPER TYPHOON END
- ◆◆ EXTRATROPICAL
- ... DISSIPATING STAGE
- ★ FIRST WARNING ISSUED
- ★ LAST WARNING ISSUED



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## TROPICAL CYCLONE 05B

Tropical Cyclone 05B formed as a monsoon depression on the southern periphery of the monsoon trough approximately 120 nm (222 km) east-southeast of Madras, India. The system was initially thought to be associated with a disturbance that formed on the east Indian coast near Madras. However, post-analysis of satellite fixes and imagery indicate that the first disturbance formed near the western extent of the monsoon trough on 111200Z, then went ashore on about 120600Z. Therefore, it was determined that the first system was not part of the disturbance that eventually became Tropical Cyclone 05B. At 130600Z, a small area of convection on the southern extent of the monsoon trough developed into a cyclone of about 25 kt (13 m/s). A TCFA was issued at 131800Z as the system remained at 25 kt (13 m/s) and moved east along the southern periphery of the monsoon trough. A second TCFA was issued at 141800Z as the cyclone remained at the same intensity and continued to move east at about 9 kt (5 m/s). Tropical Cyclone 05B finally began to intensify slightly when it reached the eastern extent of the monsoon trough at about 150000Z. Subsequently, the system slowed to about 6 kt (3 m/s), began to move north, and intensified to 35 kts (18 m/s), prompting the issuance of the first warning at 150600Z.

At 151200Z, it was apparent that Tropical Cyclone 05B had begun to move west toward India under the influence of low- to mid-level easterlies to the north of the monsoon trough. At this point, the system continued to intensify slowly and began to accelerate, turning to the west-northwest. Tropical Cyclone 05B reached a maximum intensity of 55 kt (28 m/s) just prior to landfall at 170600Z, 90 nm (167 km) north of Madras. No reports of damage or loss of life due to Tropical Cyclone 05B were received.