

SATELLITE FIX BULLETIN

05.10.2025 TIME 1200 UTC

TCIN50 DEMS 051200

A. VORTEX (**SHAKHTI**)

B. 05/1200Z

C. **20.1N**

D. **60.8E**

E. **T3.5**

F. INSAT-3DS / GPM GMI

F. IR / VIS / MICROWAVE

G. REMARKS:

THE SATELLITE IMAGERY SHOWS THE SYSTEM AS IRREGULAR CENTRAL DENSE OVERCAST (CDO) PATTERN WITH DIAMETER GREATER THAN 1.5 DEGREE YIELDS CF = 3.0, BF=0.5 YIELDS DT= 3.5 MET = 3.5 FOR STEADY STATE TREND AND PT = 3.5.

DT=MET=PT AND HENCE FT=3.5.

THE SYSTEM HAS MOVED SOUTH SOUTH-WEST WARDS DURING PAST 6 HRS. IR IMAGERY SHOWS THE SYSTEM CENTER EMBEDDED WITHIN THE INTENSE CONVECTIVE CLOUD MASS.

GPM GMI 37 GHz MICROWAVE IMAGERY AT 11:30 UTC CLEARLY EXPOSES LLCC WITH INTENSE CONVECTIVE BAND IN THE SOUTHERN SECTOR OF THE SYSTEM CENTER.

H. ADDITIONAL POSITION: GPM GMI 11:30 UTC: 20.1N / 60.7E.

TOO 05/1845 EF=

NNNN