

SATELLITE FIX BULLETIN

23.10.2024 TIME 0600 UTC

TCIN50 DEMS 230600

A. VORTEX (**DANA**)

B. 23/0615Z

C. **16.5N**

D. **89.4E**

E. **T2.5**

F. INSAT-3DR / METOP C

F. IR / VIS / ASCAT

G. REMARKS:

THE SYSTEM HAS MOVED WEST NORTH-WESTWARDS DURING LAST 6 HOURS.

THE SATELLITE IMAGERY SHOWS THE SYSTEM AS IRREGULAR CDO PATTERN. VISIBLE IMAGERY DEPICTS LLCC EMBEDDED IN NORTH-EAST SECTOR OF CDO. DIAMETER SIZE OF CDO IS ABOUT 160 KMS YIELDS CF2 AND BF = 0.5 WHICH YIELDS DT = 2.5. MET = 2.5 WITH NORMAL INTENSIFICATION AND PT = 2.5.

DT = PT = MET. HENCE FT = 2.5.

VERY INTENSE CONVECTION LIES OVER WEST SECTOR OF THE SYSTEM CENTRE WITH POLEWARD OUTFLOW. MINIMUM **CTT MINUS 93** DEGREE CELSIUS.

METOP C ASCAT PASS AT 03:22 UTC SHOWS MAXIMUM SUSTAINED WINDS OF 35 – 40 KTS.

H. ADDITIONAL POSITIONS: METOP C ASCAT 03:22 UTC **16.3N / 89.4E**

TOO 23/1245 EF=

NNNN