

SATELLITE FIX BULLETIN

23.10.2024 TIME 0300 UTC

TCIN50 DEMS 230300

A. VORTEX (DANA)

B. 23/0315Z

C. 16.3N

D. 89.9E

E. T2.5

F. INSAT-3DR / F17

F. IR / VIS / PMW

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 SOUTH-WEST SECTOR OF THE SYSTEM CENTRE WITH POLEWARD OUTFLOW. MINIMUM CTT MINUS 93 DEGREE CELSIUS.

H. ADDITIONAL POSITIONS: F17 SSMIS MICROWAVE 00:45 UTC 16.2N / 90.0E

TOO 23/1015 EF=

NNNN