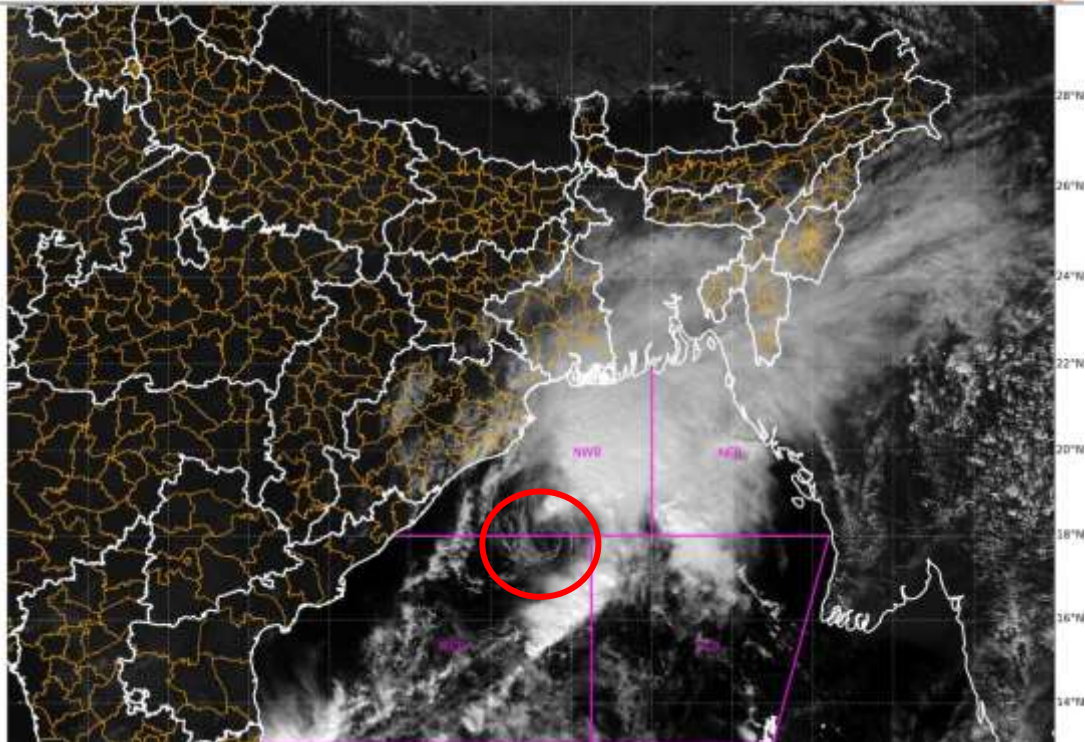


SATELLITE FIX BULLETIN

16.11.2023 TIME 0600 UTC

SAT : INSAT-3D IMG
Visible Count 0.03 um
LIC Mercator

16-11-2023/(0600 to 0627) GMT
16-11-2023/(1130 to 1157) IST



ZCZC 001

TCIN50 DEMS 160600

A. VORTEX (BoB)

B. 16/0600Z

C. 17.9N

D. 87.4E

E. T2.0/2.0

F. INSAT-3D / 3DR

F. VIS / IR

G. REMARKS:

(1) WATER VAPOUR IMAGERY AT 0600 UTC INDICATES A DEEP WESTERLY TROUGH AROUND LONG 78.0E TO THE NORTH LAT 18.0N (WEST OF SYSTEM) DUE TO WHICH SOUTH-WESTERLY WINDS SUPPORTS THE N-NE MOVEMENT OF THE SYSTEM DURING PAST 06 HRS. THE WINDS (WARM &

MOIST) FROM RIDGE OVER SOUTH MYANMAR AND NEIGHBOURHOOD ARE CONVERGING WITH COLD AND DRY AIRMASS OF WESTERLY TROUGH LEADING TO ENHANCEMENT IN CONVECTION / THUNDERSTORM OVER NORTH BAY HAVING CTT MINUS 92 DEGREE CELSIUS.

(2) SHEAR PATTERN. DISTANCE OF ABOUT 85 KM BETWEEN LLCC AND NEAREST CONVECTIVE EDGE (< 1.25 DEGREE RULE 2b) YIELDS DT 2.0. PT 2.0 MET 2.5 (1.5 + 1.0). FT BASED ON DT. MET AND PT ALSO SUPPORTS FT. THE SYSTEM IS SEEN AS A SHEARED PATTERN SYSTEM WITH CONVECTION IN NE SECTOR OF THE SYSTEM CENTRE. IR IMAGERY SHOWS POLEWARD OUTFLOW OF CIRRUS CLOUDS OVER NORTHERN PART OF THE SYSTEM COVERING NE ORISSA EAST JHARKHAND WEST BENGAL BANGLADESH AND NORTH-EAST STATES.

(3) AREA OF DEEP CONVECTION OVER NORTH BAY HAS REDUCED DURING PAST 06 HRS.

H. ADDITIONAL POSITION: NIL

TOO 16/1315 EF=

NNNN