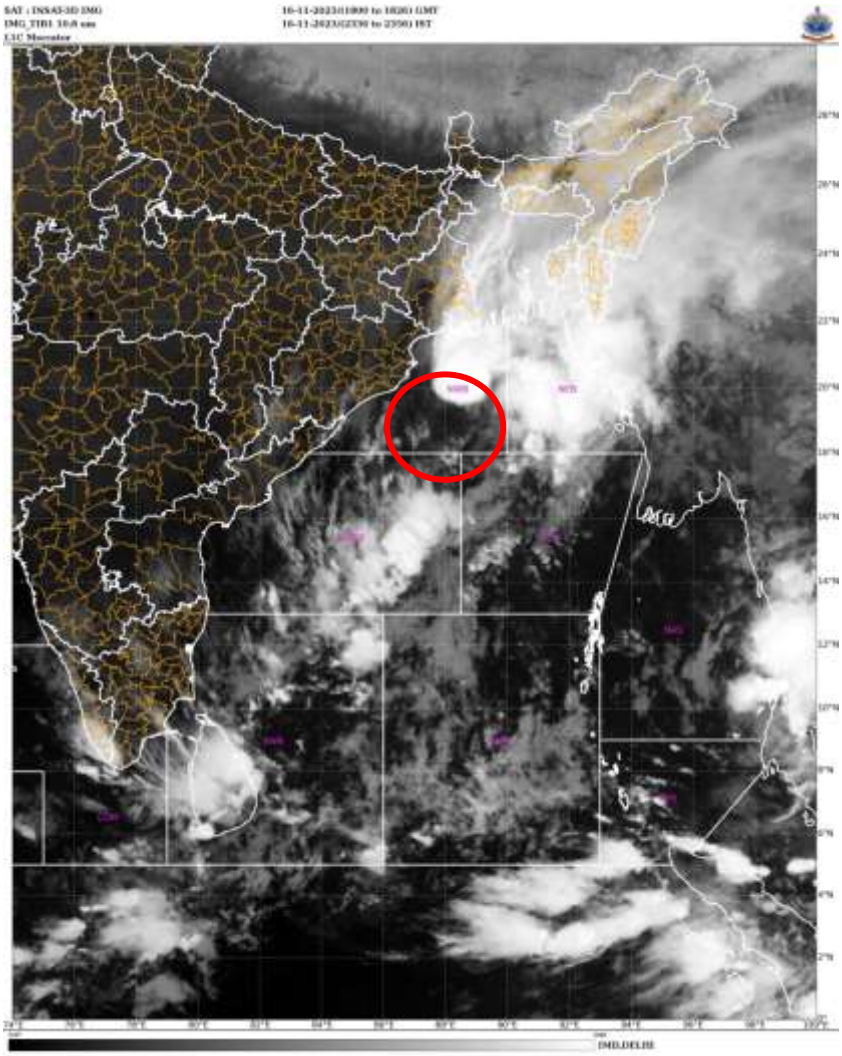
SATELLITE FIX BULLETIN
16.11.2023 TIME 1800 UTC



TCIN50 DEMS 161800

A. VORTEX (BoB)

B. 16/1800Z

C. 19.1N

D. 87.9E

E. T2.0/2.0

F. INSAT-3D / 3DR

F. IR

G. REMARKS:

(1) WATER VAPOUR IMAGERY AT 1800 UTC INDICATES A DEEP WESTERLY TROUGH AROUND LONG 80.0E 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 93 DEGREE CELSIUS.

(2) SHEAR PATTERN. DISTANCE OF ABOUT 80 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 NORTHERN SECTOR OF THE SYSTEM CENTRE. IR IMAGERY SHOWS POLEWARD OUTFLOW OF CIRRUS CLOUDS OVER NORTHERN PART OF THE SYSTEM COVERING WEST BENGAL BANGLADESH AND NORTH-EAST STATES.

H. ADDITIONAL POSITION: ASCAT METOP-B 15:44 UTC 18.8 / 87.8

TOO 17/0030 EF=

NNNN