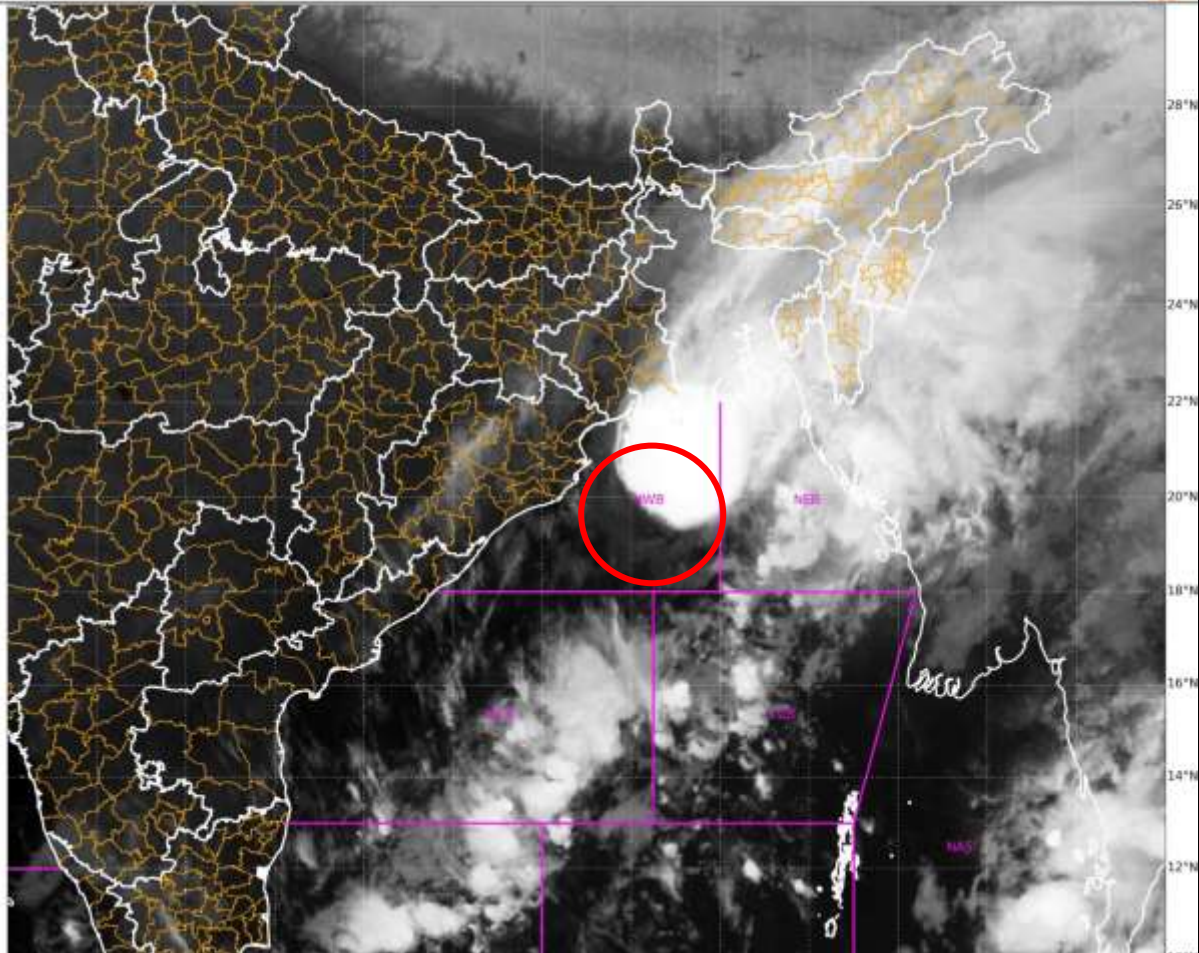


SATELLITE FIX BULLETIN

16.11.2023 TIME 2100 UTC

SAT : INSAT-3D IMG
IMG_TIR1 10.8 um
LIC Mercator

16-11-2023/(2100 to 2126) GMT
17-11-2023/(0230 to 0256) IST



TCIN50 DEMS 162100

A. VORTEX (BoB)

B. 16/2100Z

C. 19.4N

D. 88.1E

E. T2.0/2.0

F. INSAT-3D / 3DR

F. IR

G. REMARKS:

(1) WATER VAPOUR IMAGERY AT 2100 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. 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 WEST BENGAL BANGLADESH AND NORTH-EAST STATES.

H. ADDITIONAL POSITION:

TOO 17/0430 EF=

NNNN