

SATELLITE FIX BULLETIN

24.10.2023 TIME 0300 UTC

VORTEX 1 (BAY OF BENGAL)

A. VORTEX (**HAMOON**)

B. 24/0300Z

C. 20.0N

D. 89.8E

E. **T4.0/4.0**

F. INSAT-3D / 3DR

F. VIS / IR

G. REMARKS: SATELLITE IMAGERY SHOWS FURTHER CONSOLIDATION OF THE SYSTEM WITH RAGGED EYE STRUCTURE OBSERVED IN VISIBLE IMAGERY.

EMBEDDED DISTANCE OF ~3/4 DEG YIELDS E5.0 CORRECTIONN OF -1.0 DUE TO RAGGED EYE MAKES A DT 4.0. RAPID INTENSIFICATION IS OBSERVED OVER LAST 24 HRS.

INTENSE CONVECTIVE CLOUD MASS EMBEDDED WITH MULTIPLE VERY INTENSE CONVECTIVE CELLS CONTINUES TO APPEAR TO THE NE OF THE SYSTEM INTERACTING WITH BANGLADESH COAST. THE OUTFLOW BANDS ARE SEEN OVER WB AND NE STATES OF INDIA.

H. ADDITIONAL POSITONS: NIL

VORTEX 2 (ARABIAN SEA)

A. VORTEX (**TEJ**)

B. 24/0300Z

C. 16.0N

D. 52.0E

E. **OVERLAND**

F. INSAT-3D / 3DR

F. VIS / IR

G. REMARKS: LAND INTERACTION AND DRY AIR INCURSION HAS WEAKEND THE SYSTEM FURTHER. MODERATE TO INTENSE CONVECTIVE CLOUD MASS CONTINUES OVER NE YEMEN ADJ S OMAN. OUTFLOW BANDS

WITH WEAK TO MODERATE CONVECTION IS SEEN OVER E YEMEN, S OMAN AND ADJOINING PARTS OF E SAUDI ARABIA & UAE.

H. ADDITIONAL POSITONS: NIL

TOO 24/1000 EF