

SATELLITE FIX BULLETIN

29.11.2024 TIME 1800 UTC

TCIN50 DEMS 291800

A. VORTEX (FENGAL)

B. 29/1815Z

C. 11.8N

D. 81.8E

E. T2.5

F. INSAT-3DR / OCEANSAT-3

F. IR / SCATTEROMETER

G. REMARKS:

THE SYSTEM HAS MOVED NORTH-NORTHWESTWARDS DURING LAST 6 HOURS.

THE SATELLITE IMAGERY SHOWS THE SYSTEM AS CURVED BAND PATTERN.

0.5 DEGREE CONVECTIVE WRAPS ON LOG 10 SPIRAL YIELDS A DT = 2.5. PT = 2.5. DT AND PT AGREES. HENCE FT=2.5.

OCEANSAT-3 SCATTEROMETER PASS AT 1800 UTC SHOWS MAXIMUM SUSTAINED WINDS OF 30-35 KTS SURROUNDING THE SYSTEM CENTRE.

INTENSE TO VERY INTENSE CONVECTION WITH CTT = MINUS 93 DEG CEL LIES IN THE NORTHERN AND EASTERN SECTOR OF THE SYSTEM. MODERATE CONVECTION IS ALSO SEEN OVER RAYALASEEMA COASTAL ANDHRA PRADESH & TAMIL NADU.

H. ADDITIONAL POSITIONS: OCEANSAT-3 AT 1800 UTC 11.8N / 82.0E

TOO 30/0100 EF=

NNNN