

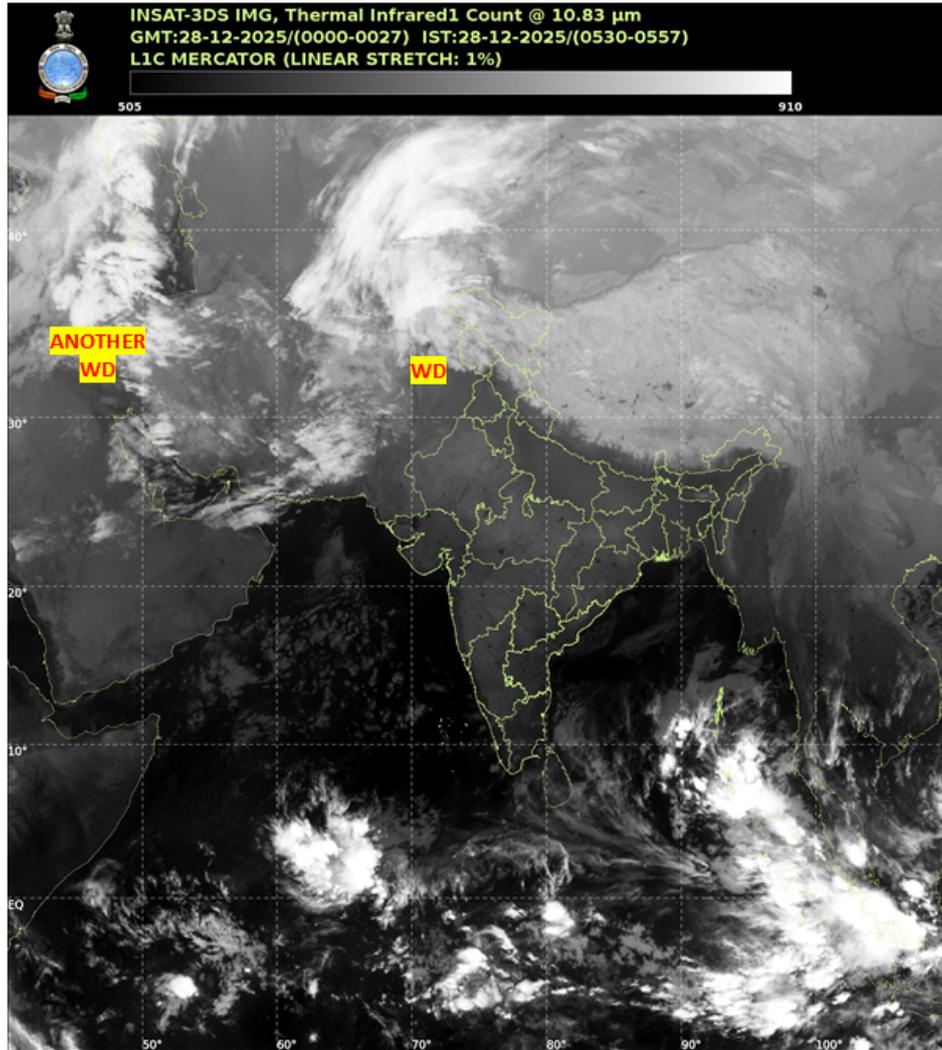


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS**

Date: 2025-12-28 Time: 00:00:00 UTC



TCIN50 DEMS 280000

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 280000 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:**

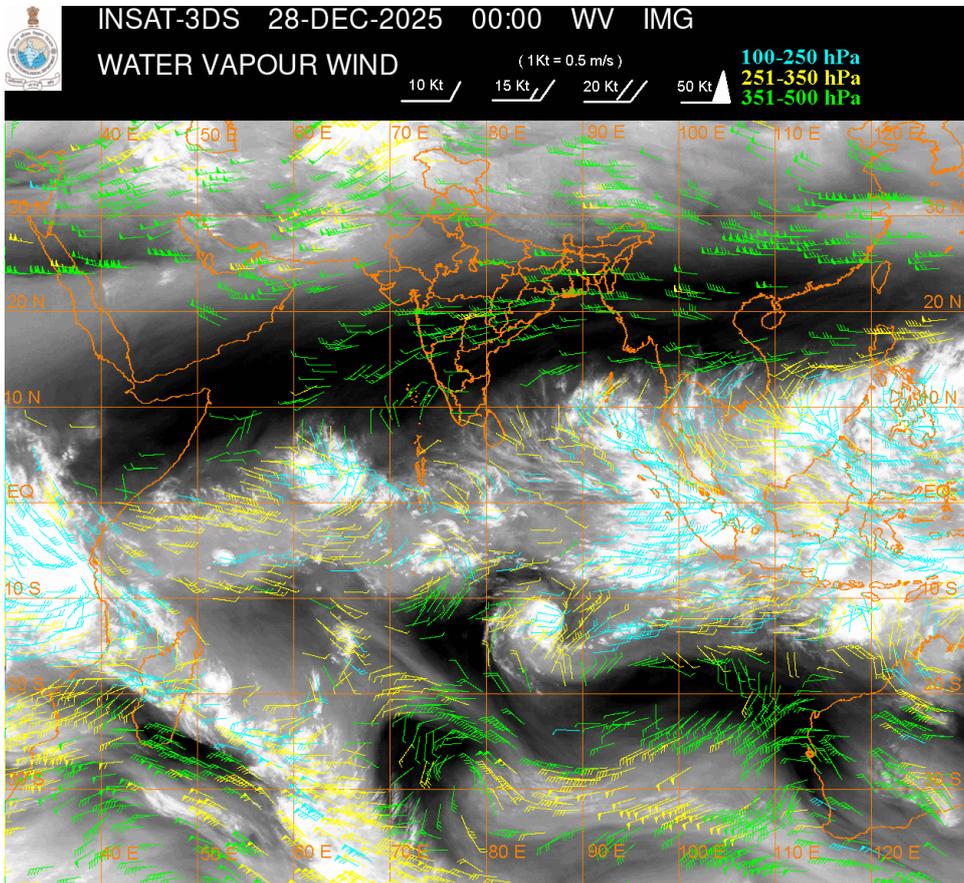
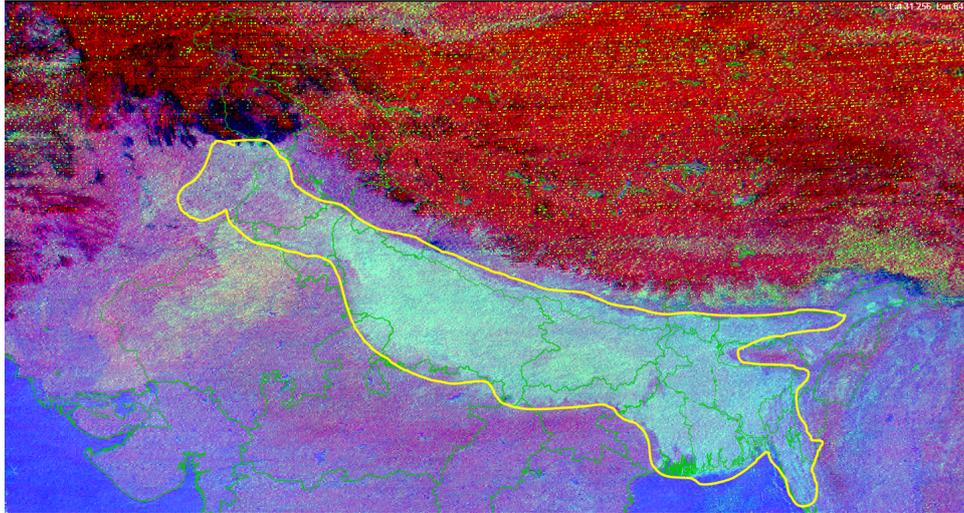
**WESTERN DISTURBANCE (WD):-**

SCT MULTILAYERED CLOUDS OVER AFGAN PAK LADAKH J&K HP UTRKND RAJ HARY DLH NW UP IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER IRAN & N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

**FOG / LOW CLOUDS:-**

**SCT TO BKN FOG / LOW CLOUDS OVER PJB HARY N RAJ DLH UP S UTRKND BHR N JHRKND NE MP SHWB GWB W MEGHA ASSAM TRP & BD (.)**



**CLOUD DESCRIPTION WITHIN INDIA:**

**NORTH:**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND PJB N HARY NW UP (.) SCT LOW/MED CLOUDS OVER S HARY DLH (.)**

**EAST:**

**SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER SKM ARUPR (.) SCT LOW/MED CLOUDS OVER REST NE STATES (.)**

**WEST:**

**SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER OVER RAJ (.)**

**SOUTH:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ANDAMAN & NICOBAR ILS AREA (.) SCT LOW/MED CLOUDS OVER RYLSM COTL AP SIK KER TN (.)

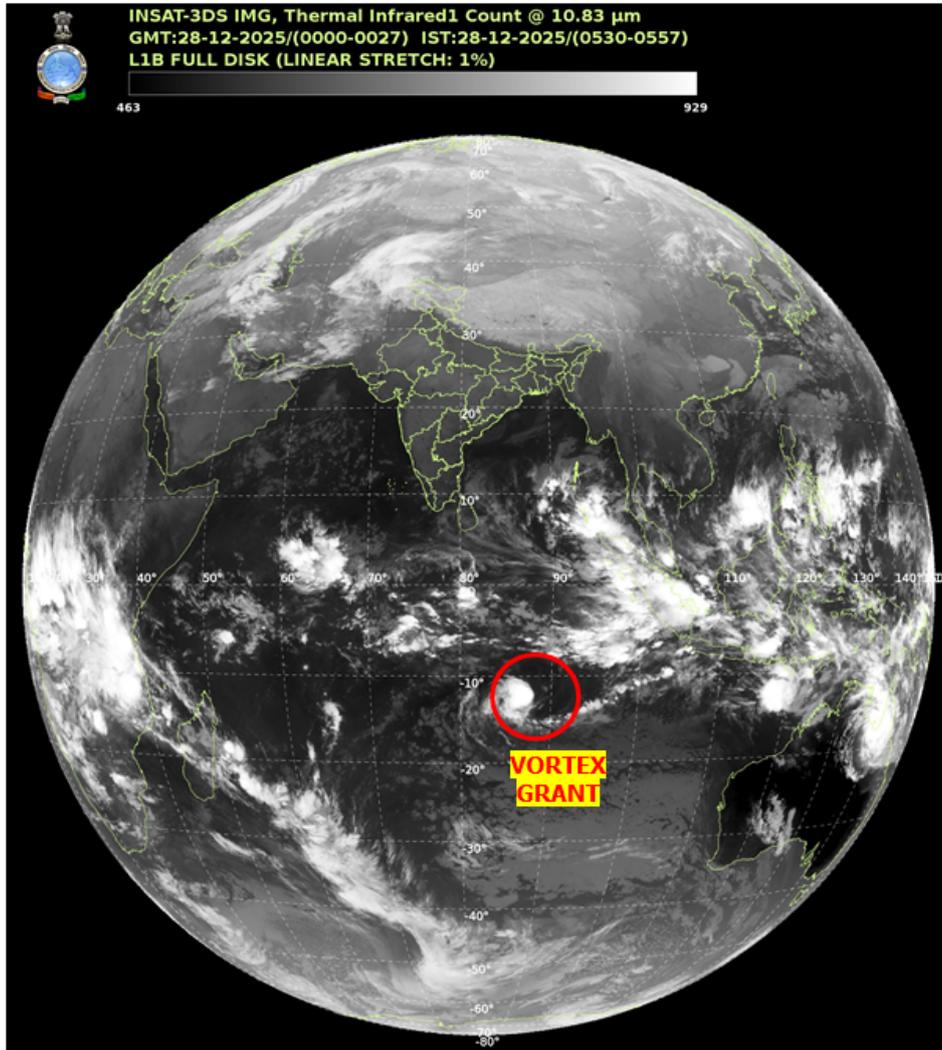
**ARABIAN SEA:**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL PARTS OF SOUTH ARSEA SOUTH OF LAT 7.0N ADJ EQUATORIAL INDIAN OCEAN (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER WEST ARSEA (.)

**BAY OF BENGAL & ANDAMAN SEA:**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER SOUTH BAY NORTH ANDAMAN SEA (.)

**CLOUD DESCRIPTION OUTSIDE INDIA:**



**VORTEX (GRANT) OVER SOUTH INDIAN OCEAN :-**

VORTEX (GRANT) OVER SOUTH INDIAN OCEAN (AREA H05 ADJ E85) CENTERED NEAR 12.4S/ 87.0E (.) INTENSITY T4.0/4.0 (.) MAXIMUM SUSTAINED WINDS 48-63 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 09.0S TO 16.0S AND LONG 85.0E TO 90.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES PAK TIBET CHINA YELLOW SEA EAST CHINA SEA CAMBODIA SOUTH VIETNAM GULF OF THAILAND SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN

BET LAT 5.0N TO 20.0S LONG 40.0E TO 120.0E AND BET LAT 20.0S TO 35.0S LONG 40.0E TO 90.0E (.)

T00 28/0640 HRS IST=

NNNN

## LEGEND

REGION	
NORTH	J&K HP UTRKND PJB HARY DLH UP
EAST	BHR JHRKND CHTGH ORS WB SKM NORTH-EAST STATES
WEST	RAJ MP GUJ MAHA GOA
SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS
CLOUD DISTRIBUTION	
ISOL	ISOLATED (LESS THAN 25%)
SCT	SCATTERED (25 TO 50%)
BKN	BROKEN (51 TO 75%)
SLD	SOLID (GREATER THAN 75%)
CLOUDS TOP TEMPERATURE	
CTT	CLOUD TOP TEMPERATURE
CONVECTION	
WK CONVTN	WEAK CONVECTION (CTT GREATER THAN -25°C)
MOD CONVTN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)
INT CONVTN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)
V INT CONVTN	VERY INTENSE CONVECTION (CTT LESS THAN -70°C)
METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERRITORIES	
J&K	JAMMU AND KASHMIR
HP	HIMACHAL PRADESH
UTRKND	UTTARAKHAND
PJB	PUNJAB
HARY	HARYANA
DLH	DELHI
BHR	BIHAR
JHRKND	JHARKHAND
CHTGH	CHHATTISGARH
ORS	ORISSA
GWB	GANGETIC WEST BENGAL

<b>SHWB</b>	<b>SUB-HIMALAYAN WEST BENGAL</b>
<b>SKM</b>	<b>SIKKIM</b>
<b>ARUPR</b>	<b>ARUNACHAL PRADESH</b>
<b>ASSAM</b>	<b>ASSAM</b>
<b>MEGHA</b>	<b>MEGHALAYA</b>
<b>MANI</b>	<b>MANIPUR</b>
<b>MIZO</b>	<b>MIZORAM</b>
<b>TRP</b>	<b>TRIPURA</b>
<b>RAJ</b>	<b>RAJASTHAN</b>
<b>MP</b>	<b>MADHYA PRADESH</b>
<b>GUJ</b>	<b>GUJARAT</b>
<b>SAU &amp; KUTCH</b>	<b>SAURASHTRA &amp; KUTCH</b>
<b>MAHA</b>	<b>MAHARASHTRA</b>
<b>M MAHA</b>	<b>MADHYA MAHARASHTRA</b>
<b>MRTHWD</b>	<b>MARATHWADA</b>
<b>VID</b>	<b>VIDARBHA</b>
<b>KKN</b>	<b>KONKAN</b>
<b>TLNGN</b>	<b>TELANGANA</b>
<b>RYLSM</b>	<b>RAYALSEEMA</b>
<b>COTL AP</b>	<b>COASTAL ANDHRA PRADESH</b>
<b>NIK</b>	<b>NORTH INTERIOR KARNATAKA</b>
<b>SIK</b>	<b>SOUTH INTERIOR KARNATAKA</b>
<b>COTL KRNTK</b>	<b>COASTAL KARNATAKA</b>
<b>KER</b>	<b>KERALA</b>
<b>TN</b>	<b>TAMILNADU</b>
<b>LKSDP</b>	<b>LAKSHADWEEP</b>
<b>ILS</b>	<b>ISLANDS</b>
<b>ARSEA</b>	<b>ARABIAN SEA</b>
<b>MISCELLANEOUS</b>	
<b>ASSW</b>	<b>IN ASSOCIATION WITH</b>
<b>ASSTD</b>	<b>ASSOCIATED</b>
<b>LLC</b>	<b>LOW LEVEL CIRCULATION</b>
<b>EMBDD</b>	<b>EMBEDDED</b>
<b>N/HOOD</b>	<b>NEIGHBOURHOOD</b>

<b>EXT</b>	<b>EXTREME</b>
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