

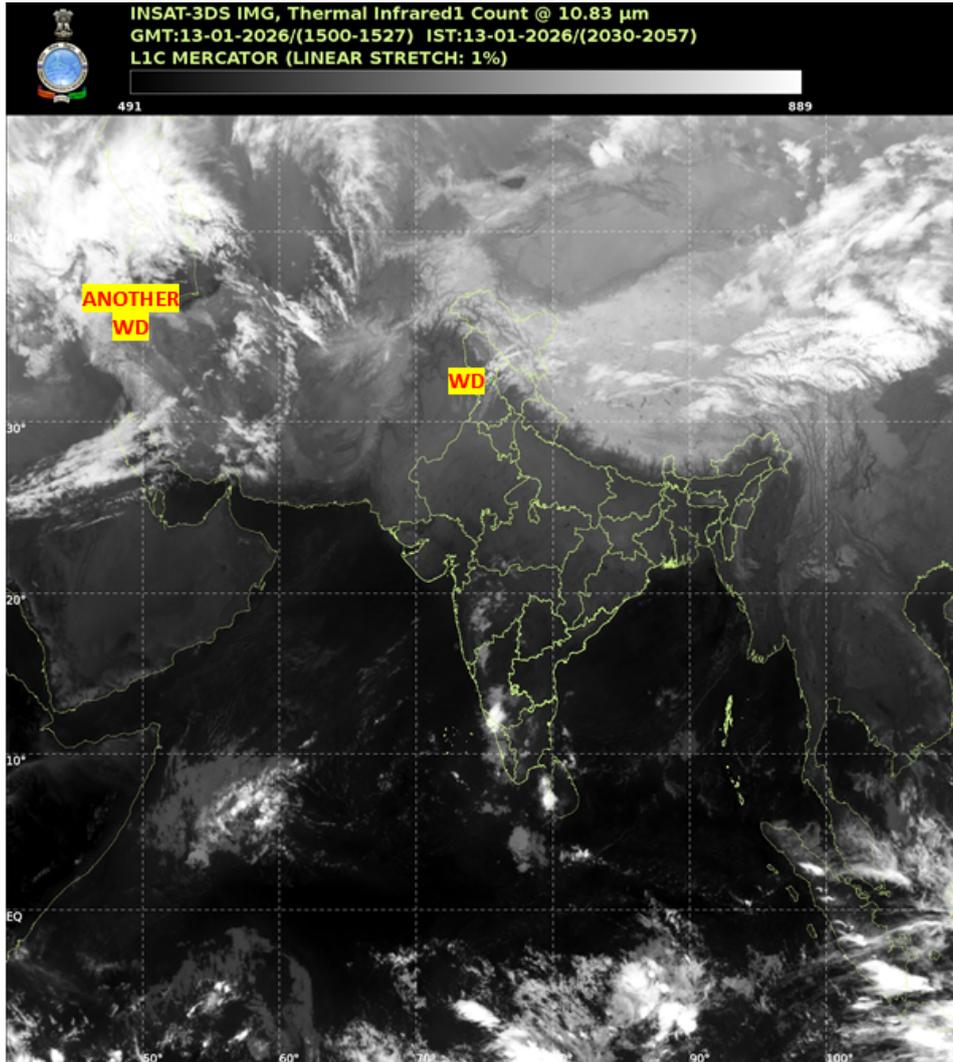


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



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

Date: 2026-01-13 Time: 15:00:00 UTC



TCIN50 DEMS 131500

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 131500 UTC (.)

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

**SALIENT FEATURES:**

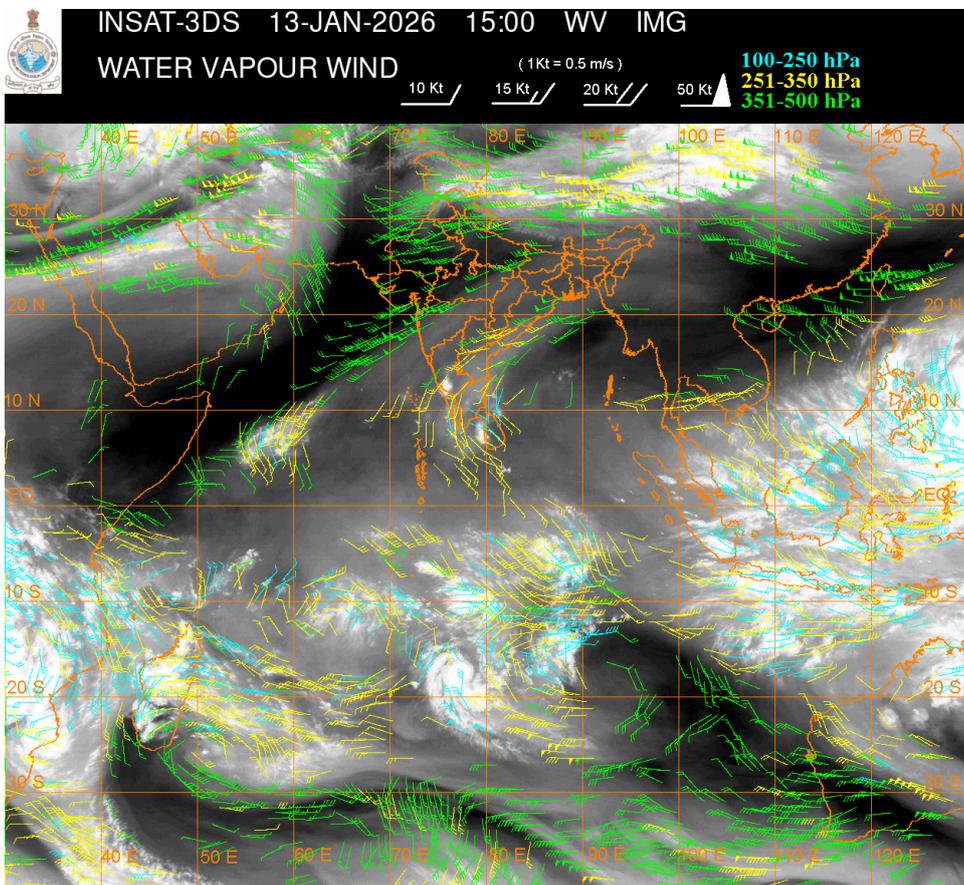
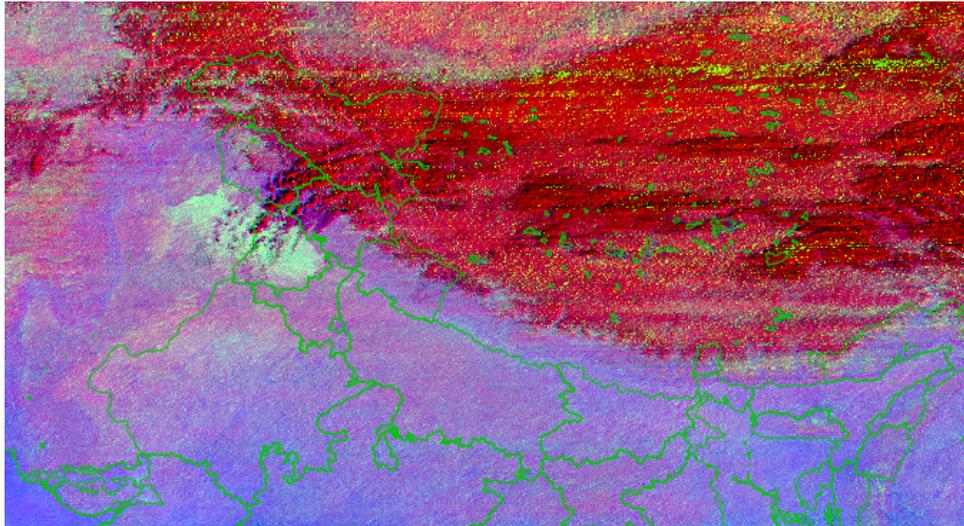
**WESTERN DISTURBANCE (WD):-**

SCT MULTILAYERED CLOUDS OVER NORTH PAK LADAKH J&K HP PJB UTRKND TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT TO BKN MULTILAYERED CLOUDS OVER CASPIAN SEA IRAN AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

**FOG / LOW CLOUDS:-**

**SCT FOG / LOW CLOUDS OVER PJB ADJ PAK (.)**



**CLOUD DESCRIPTION WITHIN INDIA:**

**NORTH:**

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

**EAST:**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SKM (.) ISOL TO SCT LOW/MED CLOUDS OVER ORS SHWB NE STATES (.)

**WEST:**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONVTN OVER SW MP MADHYA MAHA MRTHWD (.) ISOL LOW/MED CLOUDS OVER KKN (.)

### **SOUTH:**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW SIK N KER AND WK TO MOD CONVTN OVER REST SIK WEST NIK S KER TN LKSDP ILS AREA(.) SCT LOW/MED CLOUDS OVER REST KRNTK W TLNGN RYLSM COTL AP ANDAMAN & NICOBAR ILS (.)

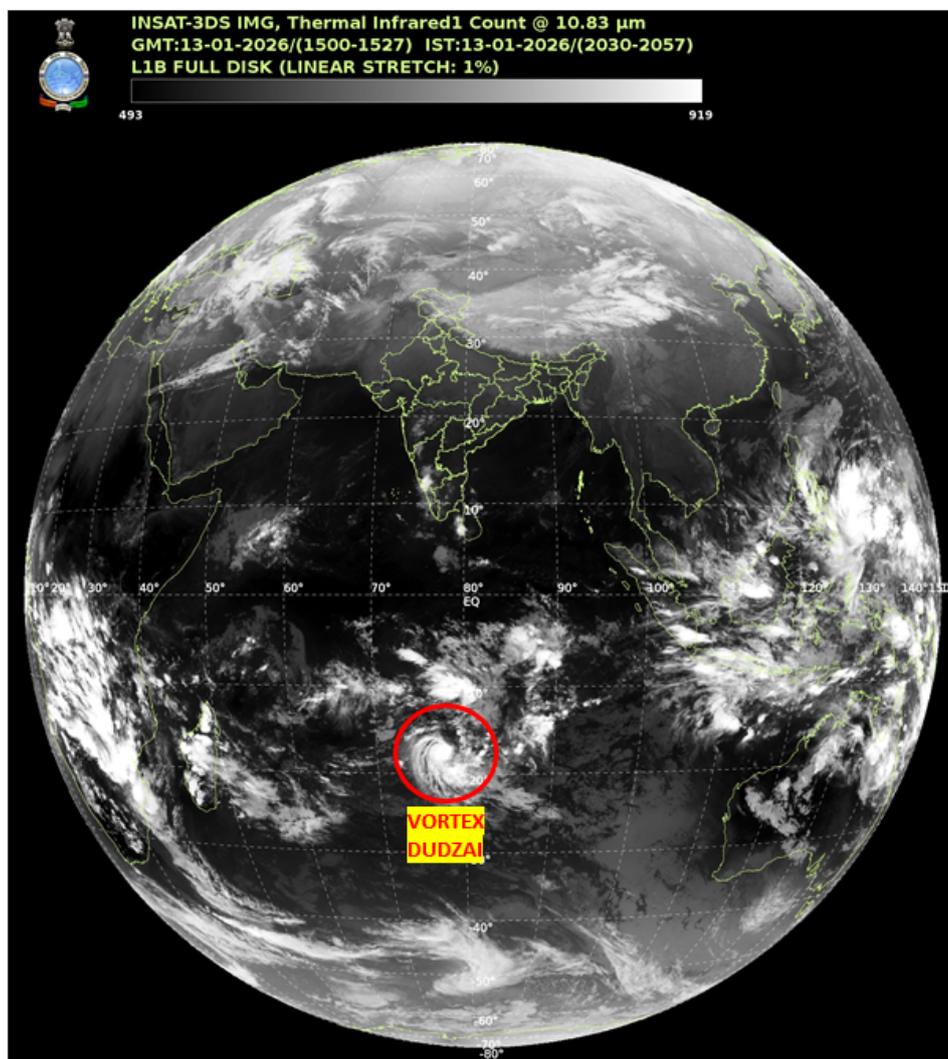
### **ARABIAN SEA:**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ARSEA LKSDP ILS AREA AND COMORIN AREA (.) SCT LOW/MED CLOUDS OVER REST ARSEA (.)

### **BAY OF BENGAL & ANDAMAN SEA:**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW BAY OFF TN COAST AND ISOL WK TO MOD CONVTN OVER SE BAY (.) SCT LOW/MED CLOUDS OVER REST BAY AND ANDAMAN SEA (.)

### **CLOUD DESCRIPTION OUTSIDE INDIA:**



### **VORTEX (DUDZAI) OVER SOUTH INDIAN OCEAN :-**

VORTEX (DUDZAI) OVER SOUTH INDIAN OCEAN (AREA E80) CENTERED NEAR 17.4S / 77.7E (.) INTENSITY T4.5/5.0 (.) MAX SUSTAINED WINDS 90-119 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 14.0S TO 22.0S LONG 74.0E TO 84.0E (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA NORTH PAK TIBET CHINA 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 EQ TO LAT 30.0S LONG 40.0E TO 120.0E (.)

T00 13/2135 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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