

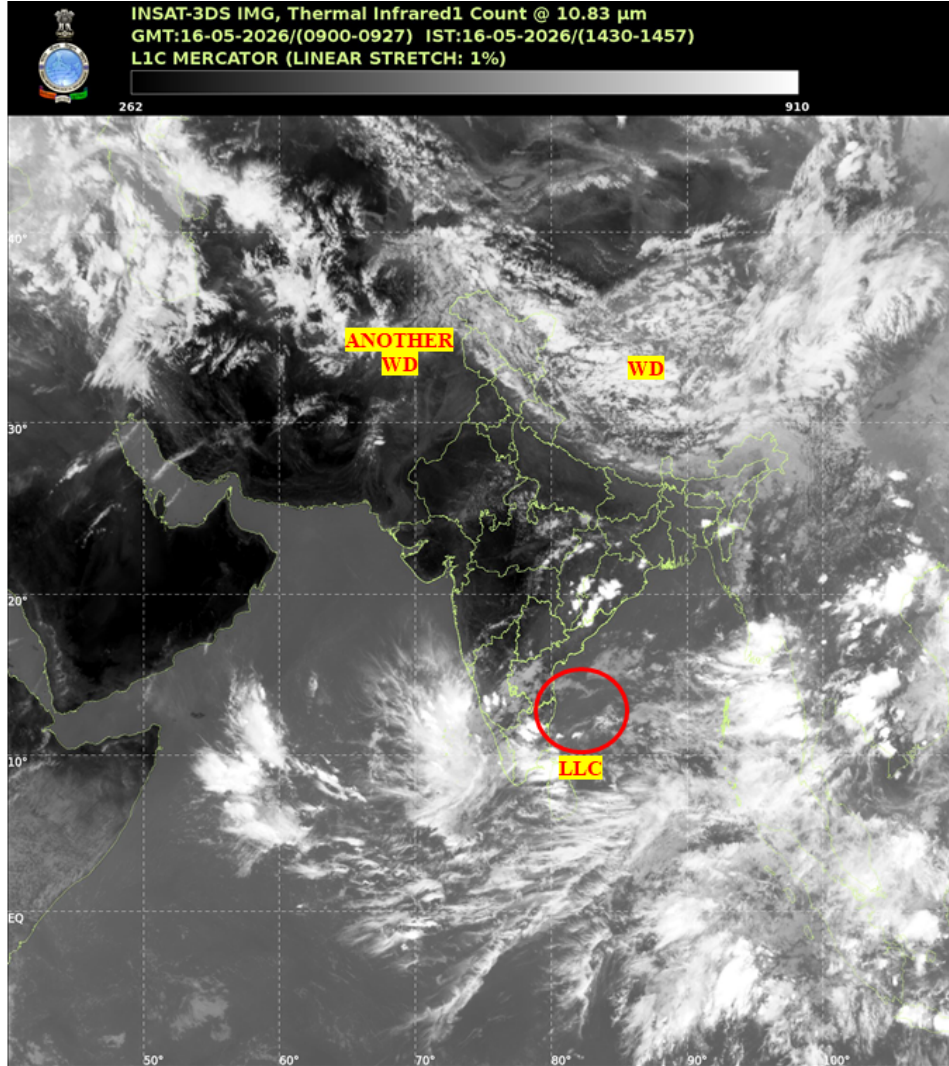


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



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

Date: 2026-05-16 Time: 09:00:00 UTC



TCIN50 DEMS 160900

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 160900 UTC (.)

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

**SALIENT FEATURES:**

**LLC OVER SOUTH-WEST BAY AND N/HOOD:-**

LOW LEVEL CIRCULATION (LLC) OVER SOUTH-WEST BAY AND N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY TN (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) AND MOD TO INT CONVTN OVER KER SIK SRI LANKA PALK STR GULF OF MANNAR COMORIN AREA (MINIMUM CTT MINUS 40-70 DEGREE CELSIUS) (.)

**WESTERN DISTURBANCE (WD):-**

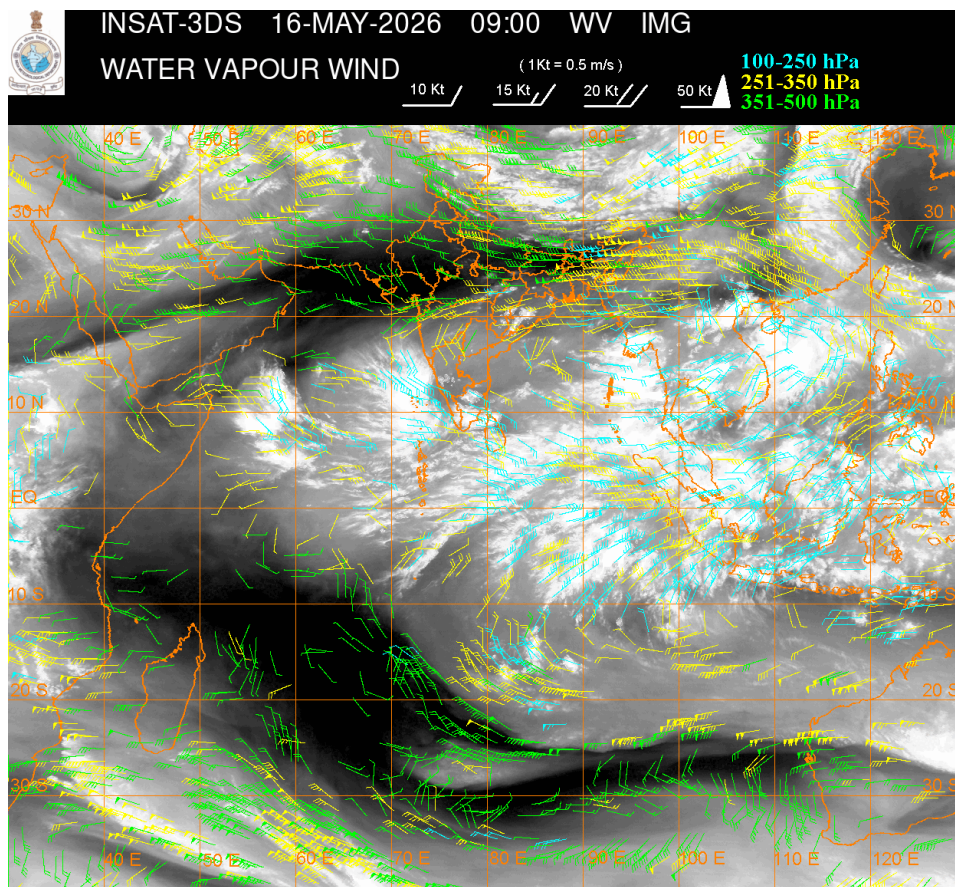
SCT MULTILAYERED CLOUDS OVER LADAKH J&K HP UTRKND TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER AFGAN N PAK AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)

**CONVECTIVE / THUNDERSTORM ACTIVITY:-**

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER ORS N COTL AP TN LKSDP ILS AREA ANDAMAN & NICOBAR ILS AREA (MINIMUM CTT MINUS 70-90 DEGREE CELSIUS) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OVER E MP CHTGH SIK KER (MINIMUM CTT MINUS 40-60 DEGREE CELSIUS) (.)



**CLOUD DESCRIPTION WITHIN INDIA:**

**NORTH:**

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER LADAKH HP UTRKND AND ISOL WK TO MOD CONVTN OVER S UP (.) SCT LOW/MED CLOUDS OVER PJB HARY N UP (.)

**EAST:**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER ORS (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH MIZO AND ISOL WK TO MOD CONVTN OVER SKM SHWB REST NE STATES (.) ISOL TO SCT LOW/MED CLOUDS OVER BHR JHRKND GWB (.)

**WEST:**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MP AND ISOL WK TO MOD CONVTN OVER E RAJ W MP VID GOA (.) SCT LOW/MED CLOUDS OVER W RAJ REST MAHA (.)

**SOUTH:**

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

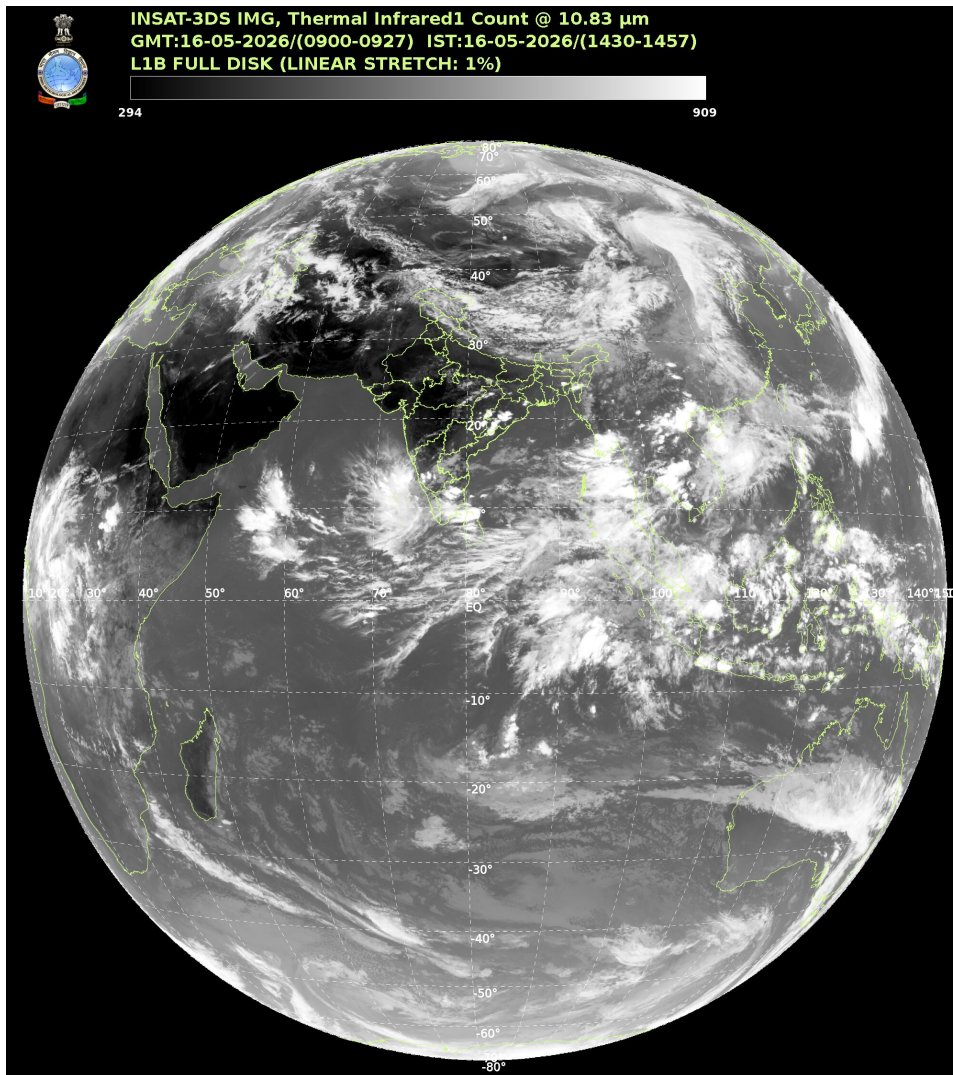
**ARABIAN SEA:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SW & SE ARSEA OFF KRNTK-KER COASTS LKSDP ILS AREA & MALDIVES AREA COMORIN AREA (.)

**BAY OF BENGAL & ANDAMAN SEA:**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC & SOUTH BAY ANDAMAN SEA GULF OF MARTABAN TENASSERIM COAST (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER REST BAY (.)

**CLOUD DESCRIPTION OUTSIDE INDIA:**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES AREA TIBET CHINA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 110.0E AND LAT 10.0S TO 30.0S LONG 70.0E TO 120.0E (.)

T00 16/1520 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
SHWB	SUB-HIMALAYAN WEST BENGAL
SKM	SIKKIM
ARUPR	ARUNACHAL PRADESH
ASSAM	ASSAM

<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>