



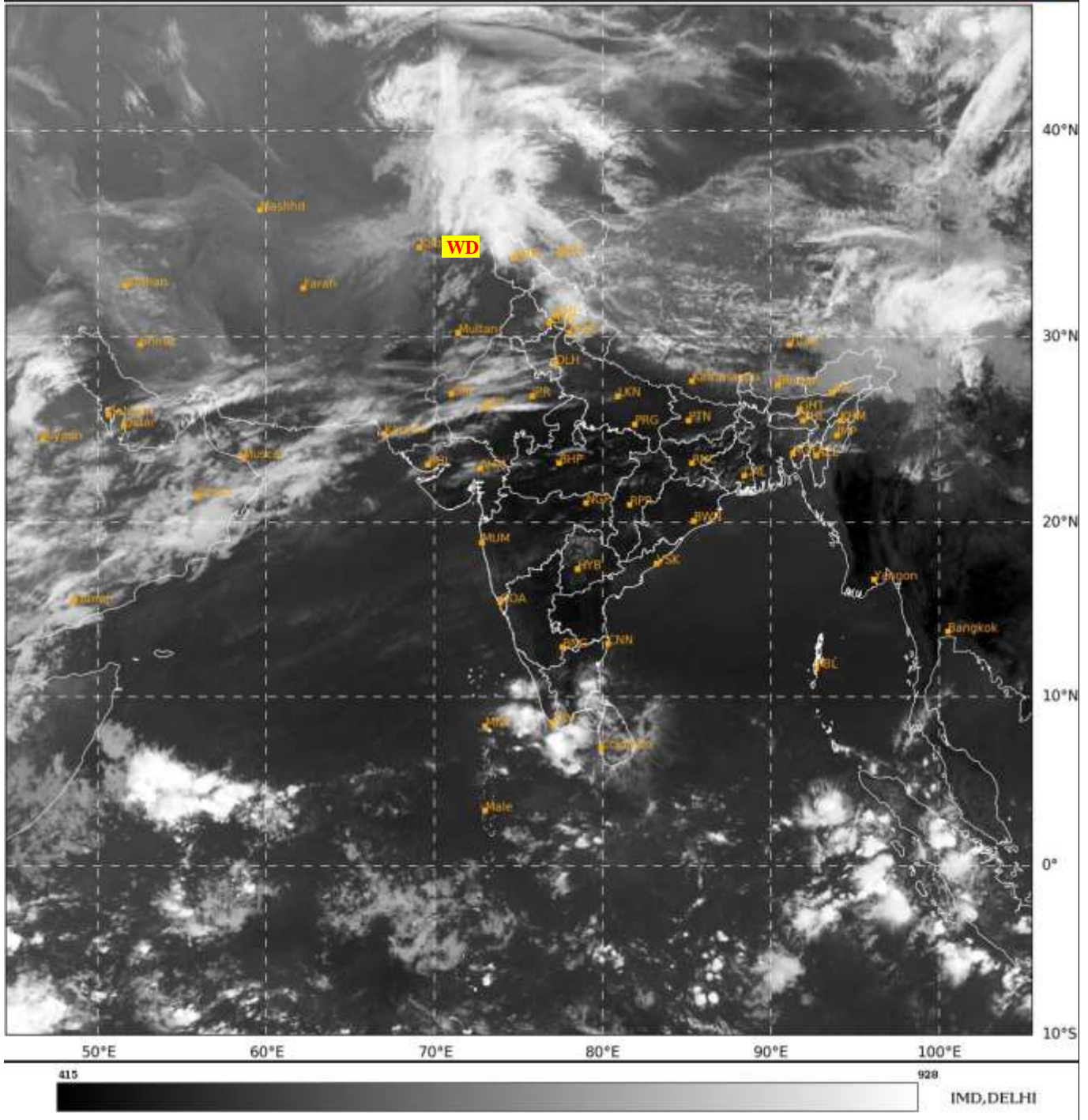
भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**03.04.2024 TIME 0300 UTC**

SAT : INSAT-3D IMG  
IMG\_TIR1 10.8 um  
LIC Mercator

03-04-2024/(0300 to 0326) GMT  
03-04-2024/(0830 to 0856) IST



TCIN50 DEMS 030300

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 030300 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 30.0°E TO 125.0°E (.)

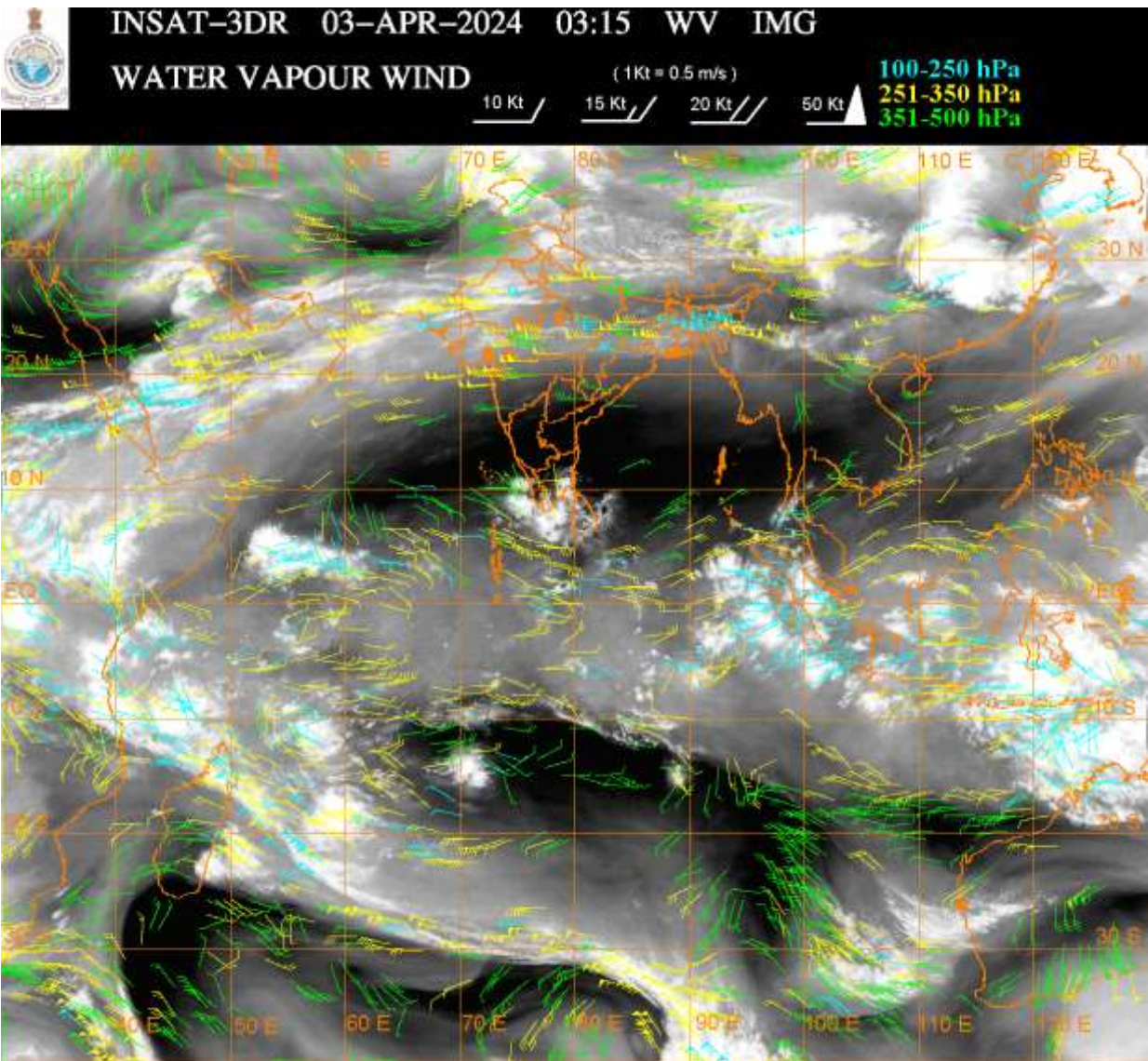
**SALIENT FEATURES:-**

**WESTERN DISTURBANCE:-**

SCT MULTILAYERED CLOUDS OVER N PAK LADAKH J&K HP UTRKND PJB AND OVER AREA BET LAT 37.0N TO 43.0N LONG 67.0E TO 80.0E IN ASSW **WD** OVER THE AREA (.)

**THUNDERSTORM/ CONVECTIVE ACTIVITY:-**

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER CENTRAL EC TN (MINIMUM CTT MINUS **51** DEG) (.)



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH J&K HP UTRKND ADJ AND ISOL WK TO MOD CONVTN OVER PJB HARY DLH (.) SCT LOW/MED CLOUDS OVER REST UP (.)

**EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER ARUPR MANI MIZO N TRP S ASSAM MEGHA N CHTGH N ORS JHRKND GWB & BD (.) SCT LOW/MED CLOUDS OVER S CHTGH S ORS BHR SHWB REST NE STATES (.)

**WEST:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER RAJ MP N GUJ (.) SCT LOW/MED CLOUDS OVER S GUJ MAHA (.)

**SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER KER S& EC TN (.) SCT LOW/MED CLOUDS WITH WK TO MOD CONVTN OVER TLNGN REST TN NICOBAR ILS LKSDP ILS ANDAMAN ILS (.)

**ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ARSEA OFF KER COAST & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER N ARSEA (.)

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

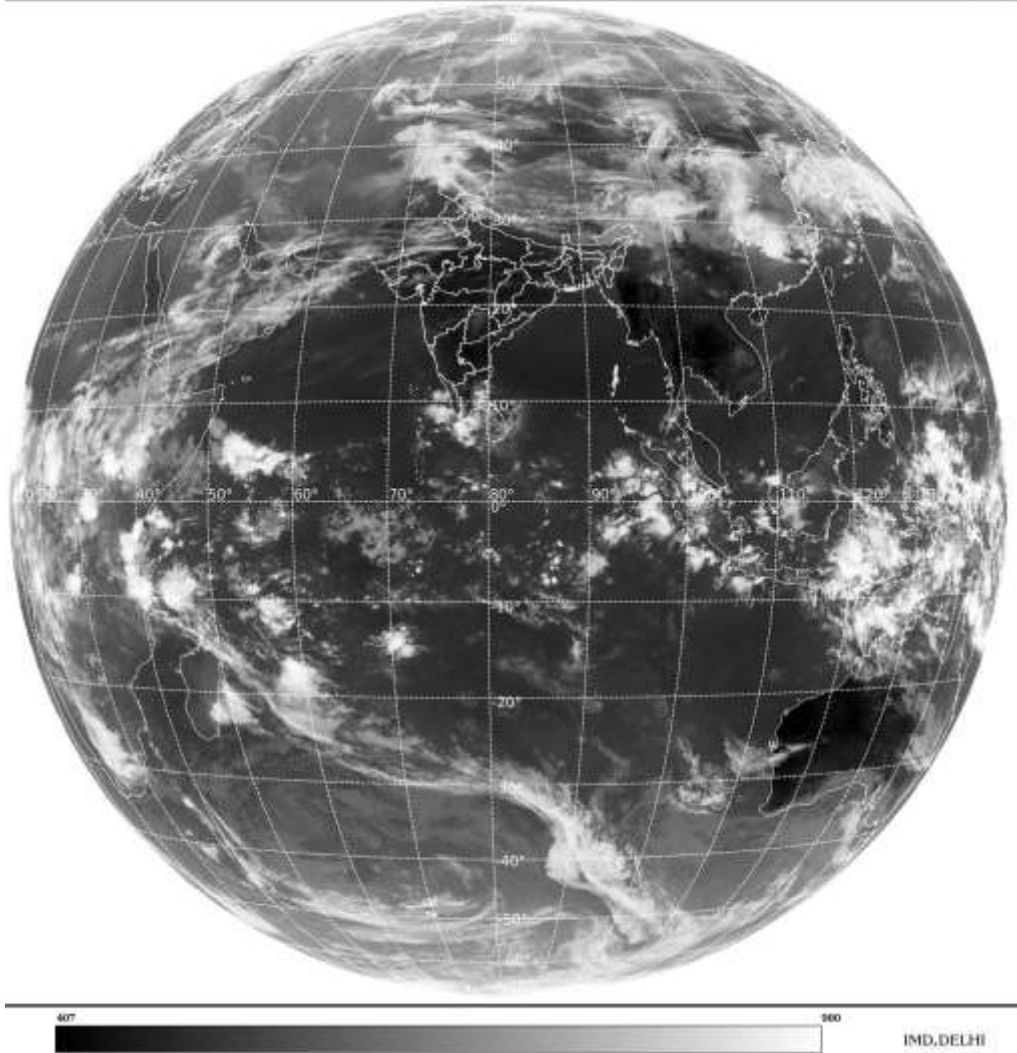
SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER S ANDAMAN SEA AND ISOL WK TO MOD CONVTN OVER S BAY SOUTH OF LAT 10.0N (.)



**CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SAT : INSAT-3D IMG  
Thermal Infrared1 Count 10.8 um  
LIB FULL DISK

03-04-2024(0300 to 0326) GMT  
03-04-2024(0830 to 0856) IST



**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR PAK W NEPAL TIBET CHINA N MYANMAR SUMATRA STR OF MALACCA MALAYSIA BORNEO ADJ SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS EAST CHINA SEA YELLOW SEA MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 110.0E AND BET LAT 10.0S TO 30.0S LONG 50.0E TO 90.0E (.)**

**TOO 03/0930 HRS IST=**

**NNNN**

**LEGEND:-**

<b>REGION</b>	<b>NORTH</b>	<b>J&amp;K HP PJB HARY DLH UP UTRKND</b>
	<b>EAST</b>	<b>BHR JHRKND CHTGH ORS WB SKM NORTH- EAST STATES</b>
	<b>WEST</b>	<b>RAJ MP GUJ MAHA GOA</b>
	<b>SOUTH</b>	<b>TLNGN AP KRNTK KER TN LKSDP ANDAMAN &amp; NICOBAR ILS</b>
<b>CLOUD DISTRIBUTION</b>	<b>ISOL</b>	<b>ISOLATED (LESS THAN 25%)</b>
	<b>SCT</b>	<b>SCATTERED (25 TO 50%)</b>
	<b>BKN</b>	<b>BROKEN (51 TO 75%)</b>
	<b>SLD</b>	<b>SOLID (GREATER THAN 75%)</b>
<b>CLOUDS TOP TEMPERATURE</b>	<b>CTT</b>	<b>CLOUD TOP TEMPERATURE</b>
	<b>WK CONVTN</b>	<b>WEAK CONVECTION (CTT GREATER THAN -25°C)</b>

<b>CONVECTION</b>	<b>MOD CONV TN</b>	<b>MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)</b>	
	<b>INT CONV TN</b>	<b>INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)</b>	
	<b>V INT CONV TN</b>	<b>VERY INTENSE CONVECTION (CTT LESS THAN -70°C)</b>	
<b>METEOROLOGICAL SUB- DIVISIONS, STATES &amp; UNION TERITORIES</b>	<b>ARUPR</b>	<b>ARUNACHAL PRADESH</b>	
	<b>BHR</b>	<b>BIHAR</b>	
	<b>CHTGH</b>	<b>CHHATTISGARH</b>	
	<b>COTL AP</b>	<b>COASTAL ANDHRA PRADESH</b>	
	<b>COTL KRNTK</b>	<b>COASTAL KARNATAKA</b>	
	<b>COTL ORS</b>	<b>COASTAL ORISSA</b>	
	<b>GUJ</b>	<b>GUJARAT</b>	
	<b>GWB</b>	<b>GANGETIC WEST BENGAL</b>	
	<b>HARY</b>	<b>HARYANA</b>	
	<b>DLH</b>	<b>DELHI</b>	
	<b>HP</b>	<b>HIMACHAL PRADESH</b>	
	<b>J&amp;K</b>	<b>JAMMU AND KASHMIR</b>	
	<b>JHRKND</b>	<b>JHARKHAND</b>	
	<b>KER</b>	<b>KERALA</b>	
	<b>KKN</b>	<b>KONKAN</b>	
	<b>LKSDP</b>	<b>LAKSHADWEEP</b>	
	<b>M MAHA</b>	<b>MADHYA MAHARASHTRA</b>	
	<b>MAHA</b>	<b>MAHARASHTRA</b>	
	<b>MANI</b>	<b>MANIPUR</b>	
	<b>MEGHA</b>	<b>MEGHALAYA</b>	
	<b>MIZO</b>	<b>MIZORAM</b>	
	<b>MP</b>	<b>MADHYA PRADESH</b>	
		<b>MRTHWD</b>	<b>MARATHWADA</b>
		<b>NAGA</b>	<b>NAGALAND</b>
		<b>N COTL AP</b>	<b>NORTH COASTAL ANDHRA PRADESH</b>
		<b>NIK</b>	<b>NORTH INTERIOR KARNATAKA</b>
	<b>ORS</b>	<b>ORISSA</b>	
	<b>PJB</b>	<b>PUNJAB</b>	
	<b>RAJ</b>	<b>RAJASTHAN</b>	
	<b>RYLSM</b>	<b>RAYALASEEMA</b>	
	<b>SAU &amp; KUTCH</b>	<b>SAURASHTRA &amp; KUTCH</b>	
	<b>SHWB</b>	<b>SUB-HIMALAYAN WEST BENGAL</b>	
	<b>SIK</b>	<b>SOUTH INTERIOR KARNATAKA</b>	
	<b>SKM</b>	<b>SIKKIM</b>	
	<b>TLNGN</b>	<b>TELANGANA</b>	
	<b>TN</b>	<b>TAMIL NADU</b>	
	<b>TRP</b>	<b>TRIPURA</b>	
	<b>UP</b>	<b>UTTAR PRADESH</b>	
	<b>UTRKND</b>	<b>UTTARAKHAND</b>	
	<b>VID</b>	<b>VIDHARBHA</b>	
	<b>SHWB</b>	<b>SUB HIMALAYAN WEST BENGAL</b>	

	<b>GWB</b>	<b>GANGETIC WEST BENGAL</b>
	<b>ARSEA</b>	<b>ARABIAN SEA</b>
	<b>ILS</b>	<b>ISLANDS</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>