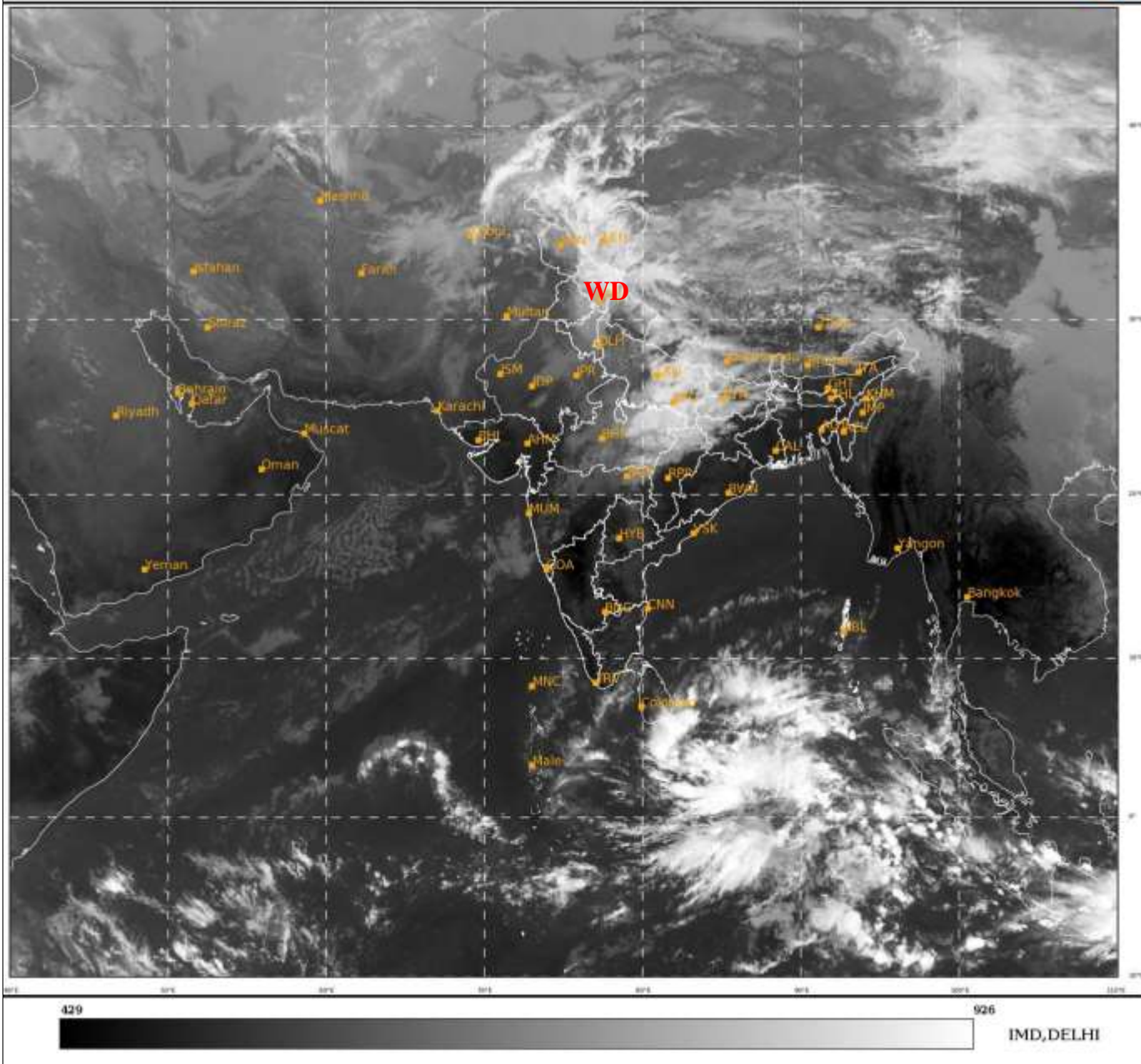




**SATELLITE BULLETIN BASED ON SATELLITE**  
**IMAGERIES AND PRODUCTS**  
**09.01.2022 TIME 0600 UTC**

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

09-01-2022/(0600 to 0627) GMT  
09-01-2022/(1130 to 1157) IST



TCIN50 DEMS 090600

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 090600 UTC (.)

REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES:-**

**WESTERN DISTURBANCE (WD):-**

SCT TO BKN MULTILAYERED CLOUDS OVER N PAK LADAKH J&K HP UTRKND E PJB HARY DLH UP E MP ADJ N CHTGH NW JHRKND BHR NEPAL TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

THE WESTERN DISTURBANCE AS A CYCLONIC CIRCULATION AT MID-UPPER LEVEL IS OBSERVED OVER NORTH PAKISTAN & NEIGHBOURHOOD (.)

**CONVECTION OVER S BAY ADJ EQUATORIAL INDIAN OCEAN:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY SOUTH OF LAT 10.0N ADJ EQUATORIAL INDIAN OCEAN PERSISTS FROM LAST 24 HRS (.) MINIMUM CTT MINUS **80** DEG C (.)

**FOG/LOW CLOUD:-**

**DAY MICROPHYSICS PRODUCT OF INSAT 3D AT 0600 UTC INDICATES SCT FOG/LOW CLOUDS OVER NORTH ADJ CENTRAL RAJ (.)**

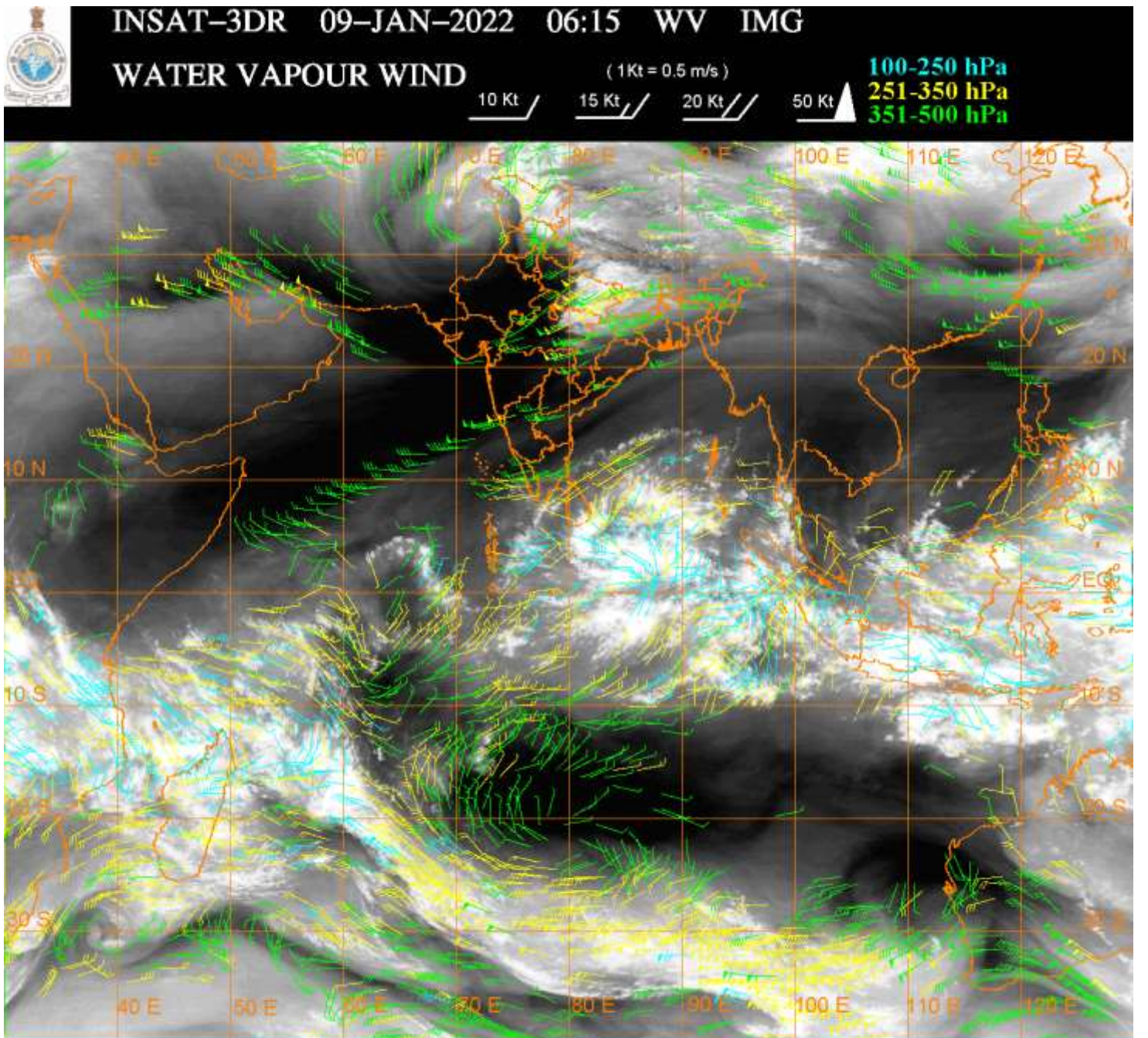
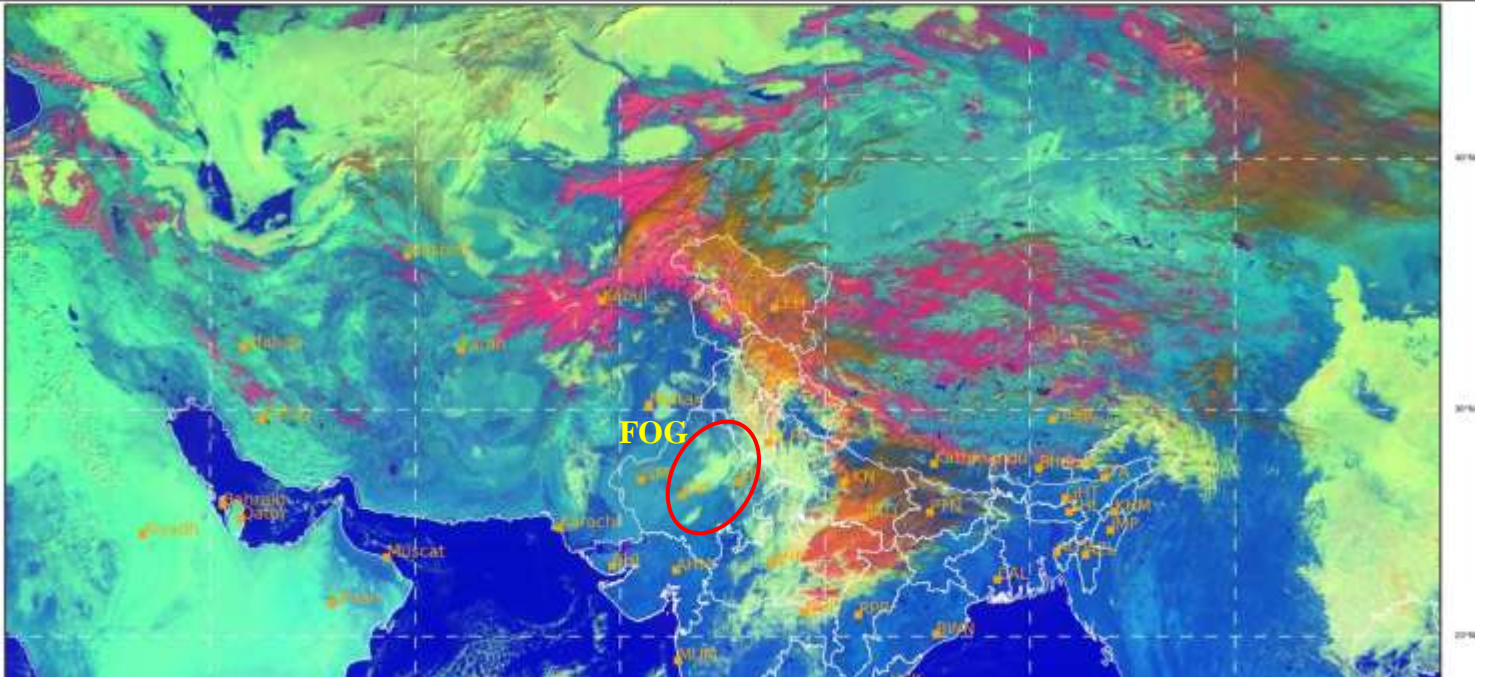
SAT : INSAT-3D IMG

09-01-2022/(0600 to 0627) GMT

Day Microphysics: VIS\_REFL (R), SWIR\_REFL (G), TIR1\_BT (B)

L1C Mercator

09-01-2022/(1130 to 1157) IST



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER LADAKH HP E UP (MINIMUM CTT MINUS 56 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER J&K PJB HARY DLH UTRKND W UP (.)

**EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N CHTGH NW JHRKND BHR SHWB SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER REST JHRKND ASSAM MEGHA NAGA (.)

**WEST:-**

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

**SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER TLNGN RYLSM COTL AP KRNTK KER TN & ANDAMAN ILS (.)

**ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER COMORIN AREA (.)

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

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH BAY SOUTH OF LAT 10.0N ADJ EQUATORIAL INDIAN OCEAN (MINIMUM CTT MINUS 80 DEG C) (.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S SRILANKA N PAK NEPAL TIBET ADJ CHINA SUMATRA STR OF MALACCA BORNEO ADJ SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS S PHILIPPINES MADAGASCAR MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 80.0E TO 100.0E AND BET 3.0S TO 30.0S LONG 40.0E TO 70.0E (.)

TOO 09/1240 HRS IST=

NNNN

**LEGEND:-**

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	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%)

<b>CLOUDS TOP TEMPERATURE</b>	<b>CTT</b>	<b>CLOUD TOP TEMPERATURE</b>	
<b>CONVECTION</b>	<b>WK CONVTN</b>	<b>WEAK CONVECTION (CTT GREATER THAN -25°C)</b>	
	<b>MOD CONVTN</b>	<b>MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)</b>	
	<b>INT CONVTN</b>	<b>INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)</b>	
	<b>V INT CONVTN</b>	<b>VERY INTENSE CONVECTION (CTT LESS THAN -70°C)</b>	
<b>METEOROLOGICAL SUB-DIVISIONS, STATES &amp; UNION TERRITORIES</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>