



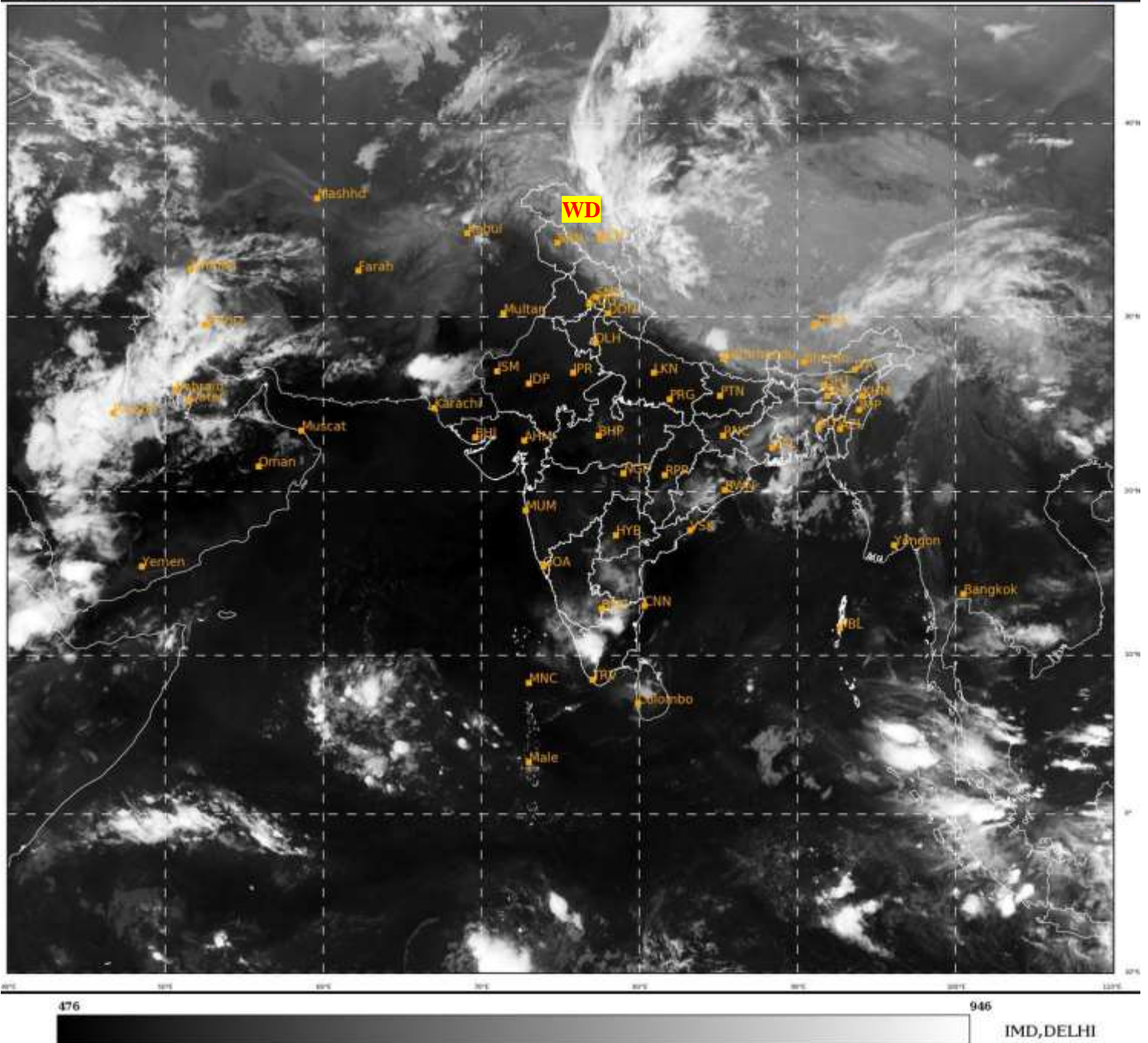
भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**18.05.2023 TIME 1800 UTC**

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

18-05-2023/(1700 to 1726) GMT  
18-05-2023/(2230 to 2256) IST



TCIN50 DEMS 181800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 181700 UTC (.)

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

**SALIENT FEATURES:-**

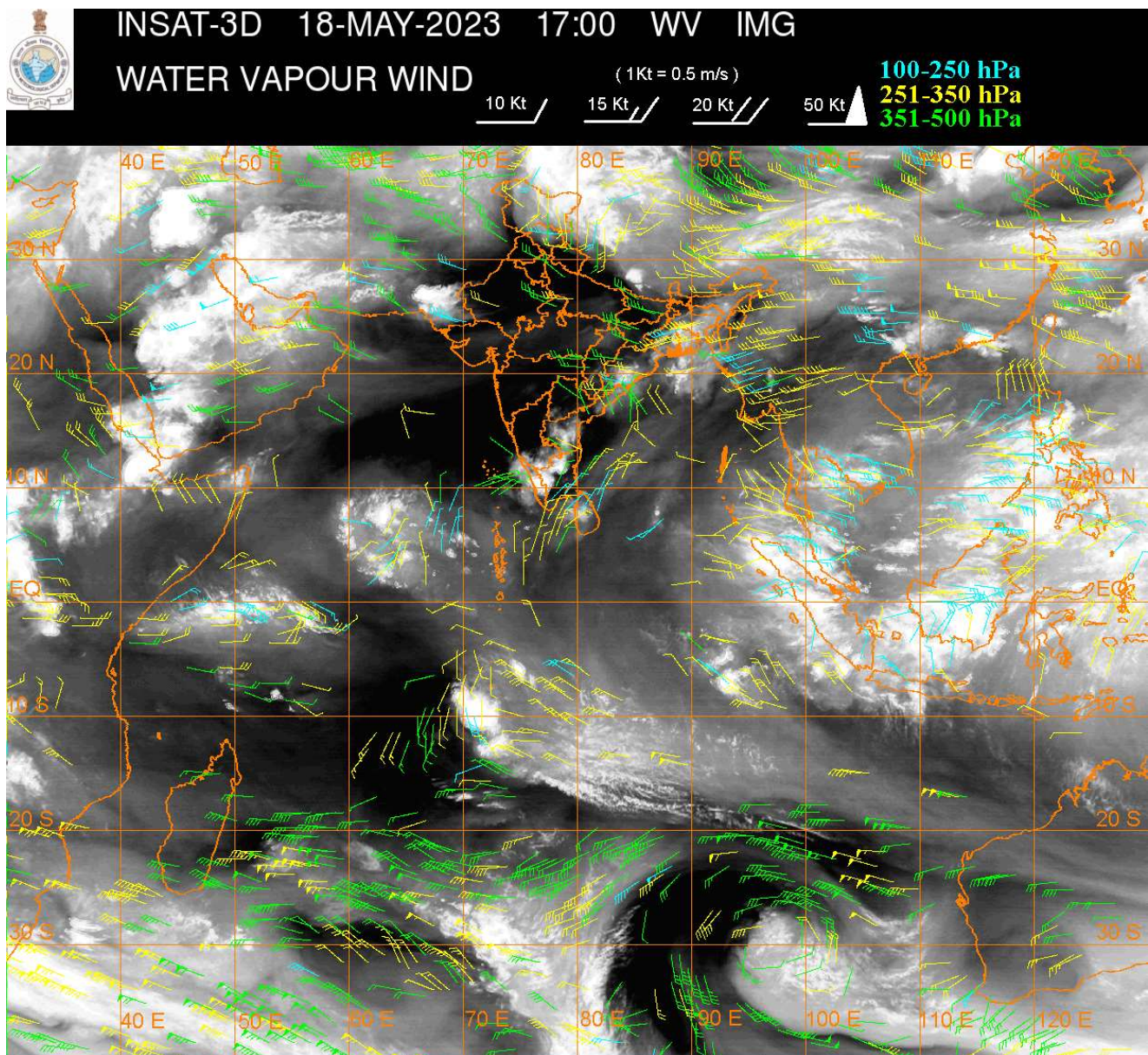
**WESTERN DISTURBANCE (WD):-**

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

**THUNDERSTORM / CONVECTIVE ACTIVITY:-**

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVET N KER N TN (MINIMUM CTT **MINUS 70** DEG CEL) (.)





## **CLOUDS DESCRIPTION WITHIN INDIA:-**

### **NORTH:-**

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

### **EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER ORS E GWB BD AND WK TO MOD CONVTN OVER W GWB SKM ARUPR ASSAM MEGHA TRP (.) SCT LOW/MED CLOUDS OVER CHTGH JHRKND REST NE STATES (.)

### **WEST:-**

SCT LOW/MED CLOUDS OVER MAHA MP (.)

### **SOUTH:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER KER N TN (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S COTL AP RYLSM SIK KER (.) SCT LOW/MED CLOUDS OVER REST KRNTK TLNGN S TN (.)

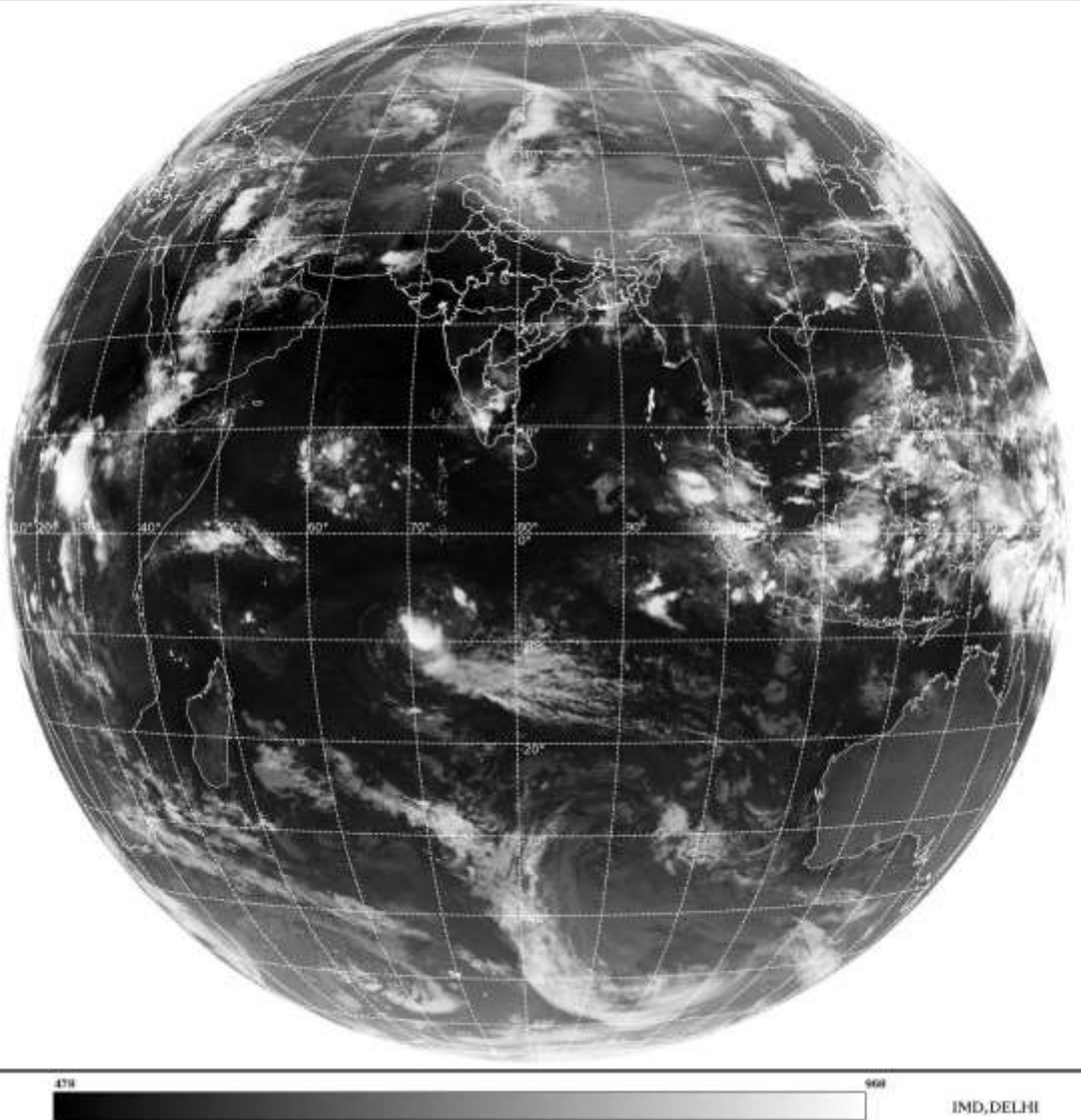
### **ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL PARTS OF SOUTH ARSEA ADJ EQITORIAL INDIAN OCEAN (.)

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

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

## **CLOUDS DESCRIPTION OUTSIDE INDIA:-** |



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

**VORTEX (FABIEN) OVER SOUTH INDIAN OCEAN (AREA E65) CENTERED NEAR 9.5S / 71.0E (.) INTENSITY T2.5/2.5 (.) CORRESPONDING MAXIMUM SUSTAINED WINDS OF 34-47 KTS (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 8.0S TO 13.0S LONG 70.0E TO 77.0E (.)**

**SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE PAK BHUTAN TIBET CHINA MYANMAR GULF OF THAILAND SUMATRA ADJ WEST COAST STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA W JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES TAIWAN YELLOW SEA E CHINA SEA AND INDIAN OCEAN BET EQ TO LAT 17.0S LONG 44.0E TO 101.0E (.)**

**TOO 18/2330 HRS IST=**

**NNNN**

**LEGEND:-**

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH OR WB SKM NORTH- EAST STATES
	WEST	RAJ MP GUJ MAHA GOA
	SOUTH	TLNGN AP KRNTK KER TN LKSDP ANDAMAN & NICOBAR ILS
	ISOL	ISOLATED (LESS THAN 25%)
	SCT	SCATTERED (25 TO 50%)



<b>CLOUD DISTRIBUTION</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>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 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>