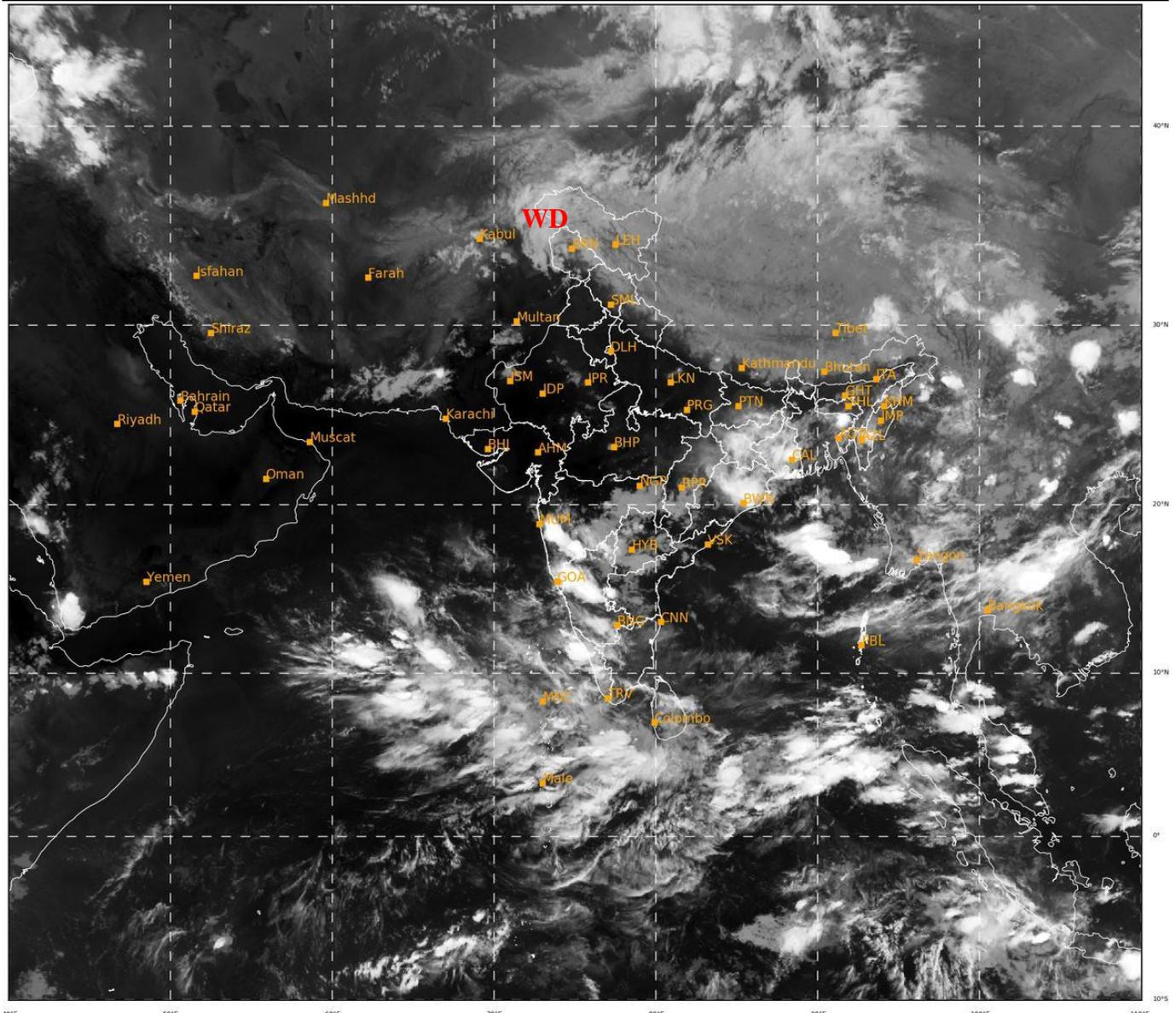




**SATELLITE BULLETIN BASED ON SATELLITE  
IMAGERIES AND PRODUCTS**  
**31.05.2022 TIME 1800 UTC**

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

31-05-2022/(1700 to 1726) GMT  
31-05-2022/(2230 to 2256) IST



474

941

IMD, DELHI

TCIN50 DEMS 311800

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 311700 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 MULTILAYERED CLOUDS OVER NE AFGAN N PAK J&K HP LADAKH & N/HOOD IN ASSW  
**WD** OVER THE AREA (.)

**THUNDERSTORM / CONVECTIVE ACTIVITY:-**

THUNDERSTORM / CONVECTIVE ACTIVITIES OBSERVED OVER JHRKND N ORS GWB KKN  
SOUTH MADHYA MAHA KRNTK KER (.)

**DUST:-**

DUST PRODUCT OF METEOSAT-8 AT 1700 UTC INDICATES DUST AT ISOLATED PLACES OVER  
CENTRAL UP (.)

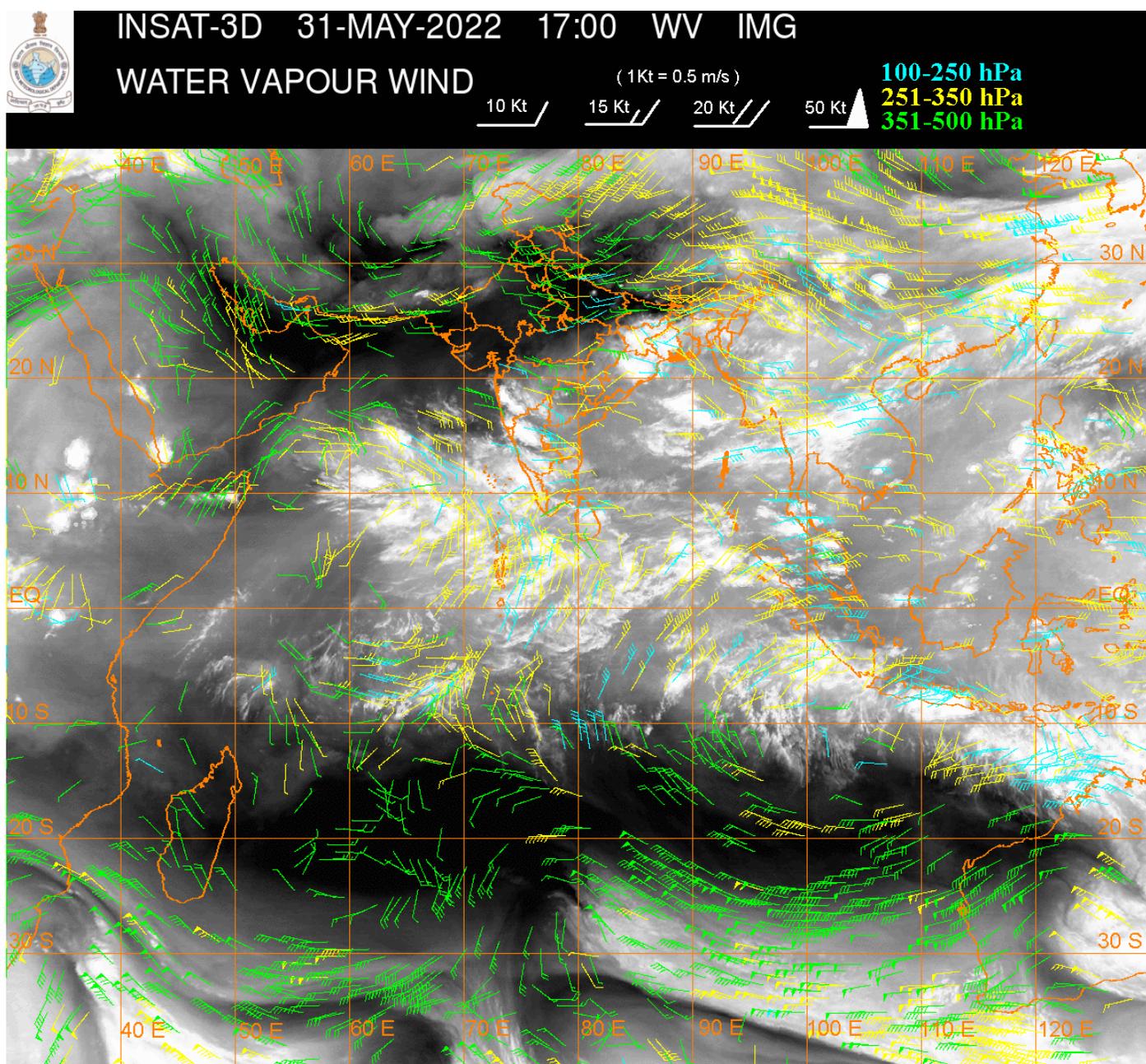
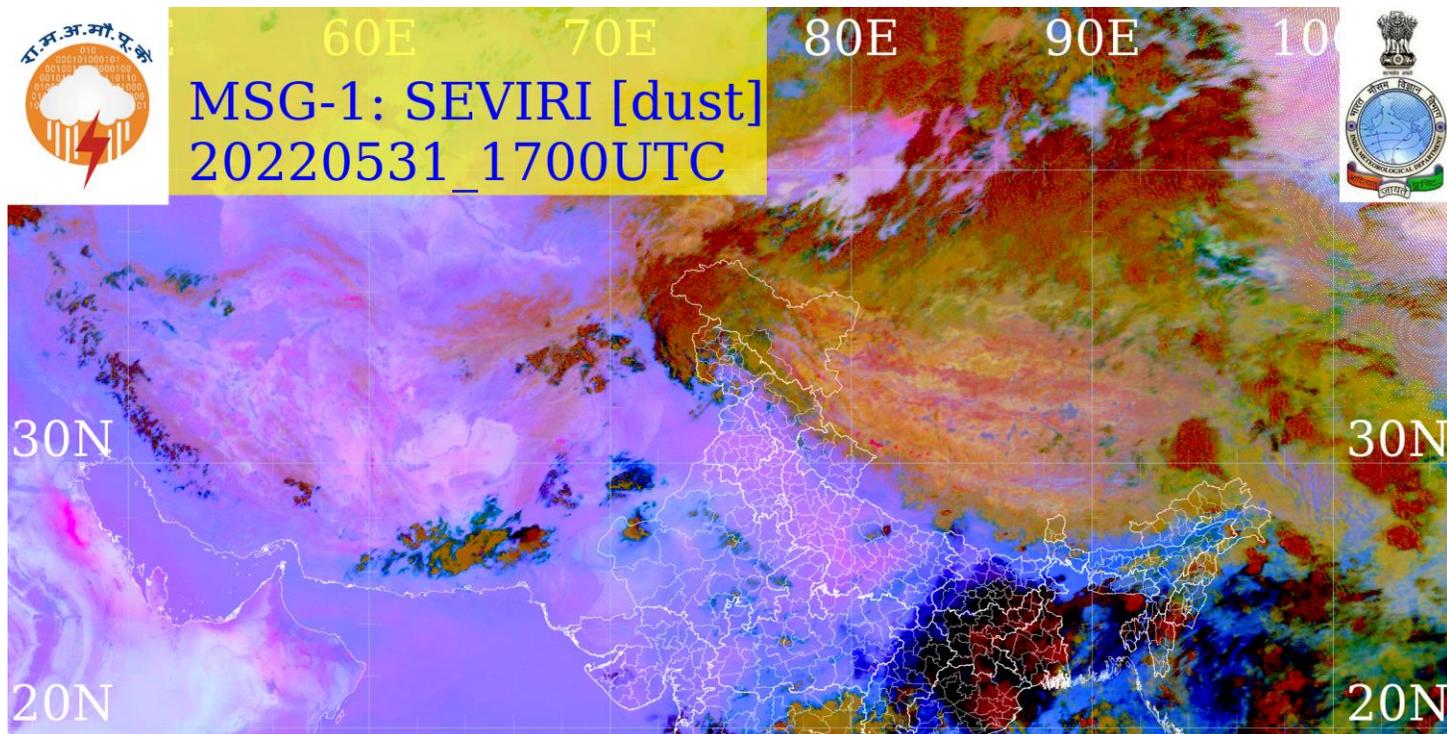
**PRECIPITATION NOWCASTING:-**

**(BASED ON SCOPE NOWCASTING TOOL AT 1600 UTC AT A LEAD TIME OF 03 HRS (MM/HR):-**

**RAINFALL UP TO 10-20 MM LIKELY OVER C ORS SOUTH MADHYA MAHA KRNTK (.)**

**RAINFALL UP TO 5-10 MM LIKELY OVER JHRKND GWB MIZO MRTHWD N KER NW TN (.)**

**RAINFALL UP TO 0.5-5 MM LIKELY OVER NW LADKH N J&K ARUPR TRP GOA S KER S TN LKSDP ILS ANDAMAN & NICOBAR ILS (.)**



**CLOUDS DESCRIPTION WITHIN INDIA:-**

**NORTH:-**

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER LEDAKH J&K N HP (.) SCT LOW/MED CLOUDS OVER S HP UTRKND E UP (.)

**EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N ORS GWB (MINIMUM CTT MINUS 80 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER JHRKND SE BHR NAGA N MIZO N BD AND ISOL WK TO MOD CONVTN OVER CHTGH S ORS SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER REST BHR SHWB (.)

**WEST:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH MADHYA MAHA N KKN (MINIMUM CTT MINUS 90 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MRTHWD S KKN GOA AND ISOL WK TO MOD CONVTN OVER REST MAHA (.) SCT LOW/MED CLOUDS OVER RAJ S GUJ MP (.)

**SOUTH:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER N KRNTK (MINIMUM CTT MINUS 93 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TLNGN RYLSM S KRNTK KER NW TN AND WK TO MOD CONVTN OVER REST TN LKSDP ILS ANDAMAN & ANDAMAN ILS (.) SCT LOW/MED CLOUDS OVER COTL AP (.)

**ARABIAN SEA:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE ADJ SW ARSEA & CENTRAL PARTS OF CENTRAL ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES & COMORIN AREAS (.)

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

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

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES PAK TIBET CHINA MYNMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA MALACCA MALAY PENINSULA BORNEO SOUTH CHINA SEA JAVA ILS CELEBES ILS & SEA PHILIPPINES TAIWAN E CHINA SEA YELLOW SEA AND OVER INDIAN OCEAN BET 5.0N TO LAT 10.0S LONG 60.0E TO 110.0E (.)

TOO 31/2330 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

<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>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>