

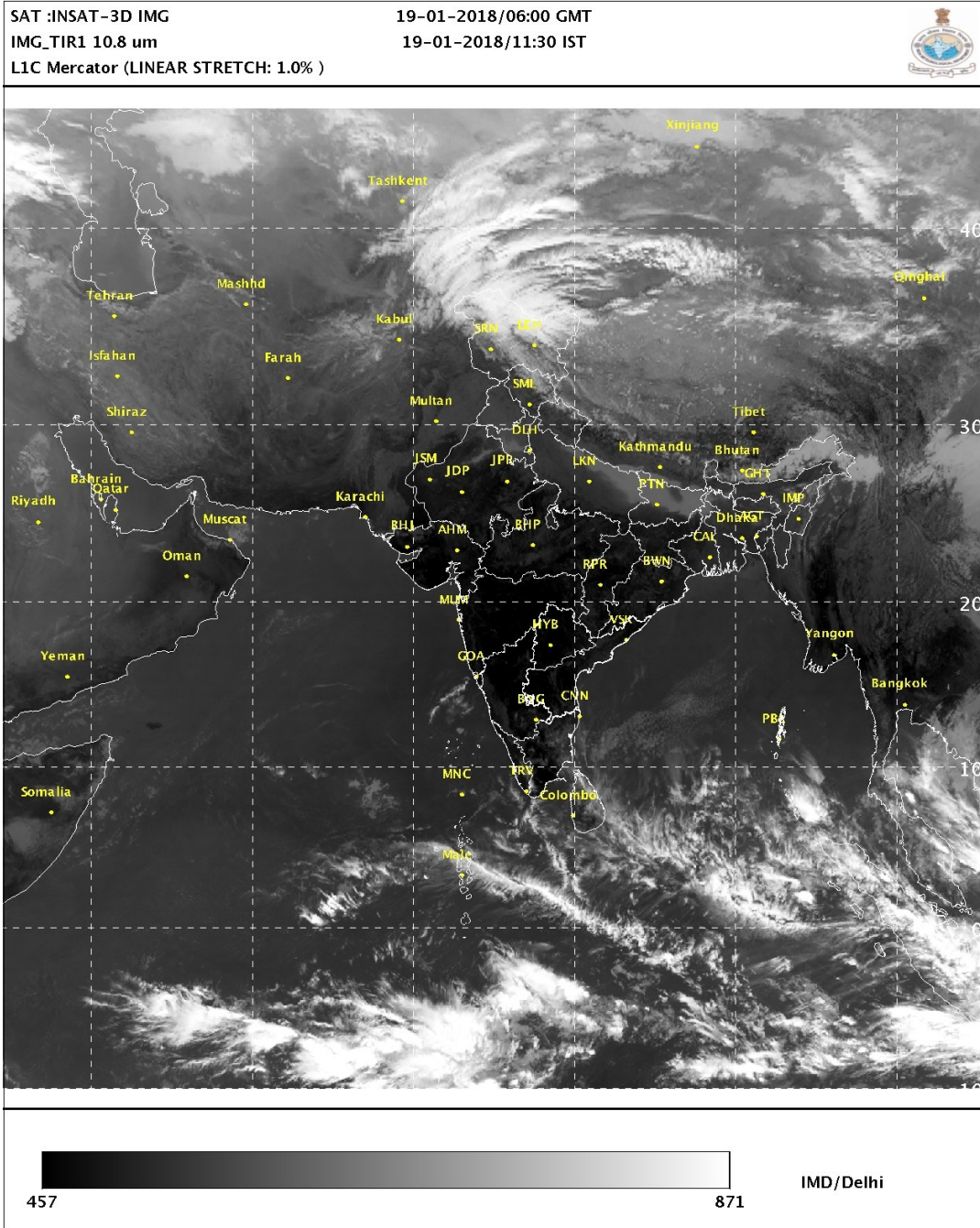


भारत मौसम विज्ञान विभाग  
पृथ्वी विज्ञान मंत्रालय  
India Meteorological Department  
Ministry of Earth Sciences



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

**19.01.2018 TIME 0600 UTC**



TCIN50 DEMS 190600

SATELLITE BULLETIN BASED ON INSAT PIC OF 190600 UTC (.)

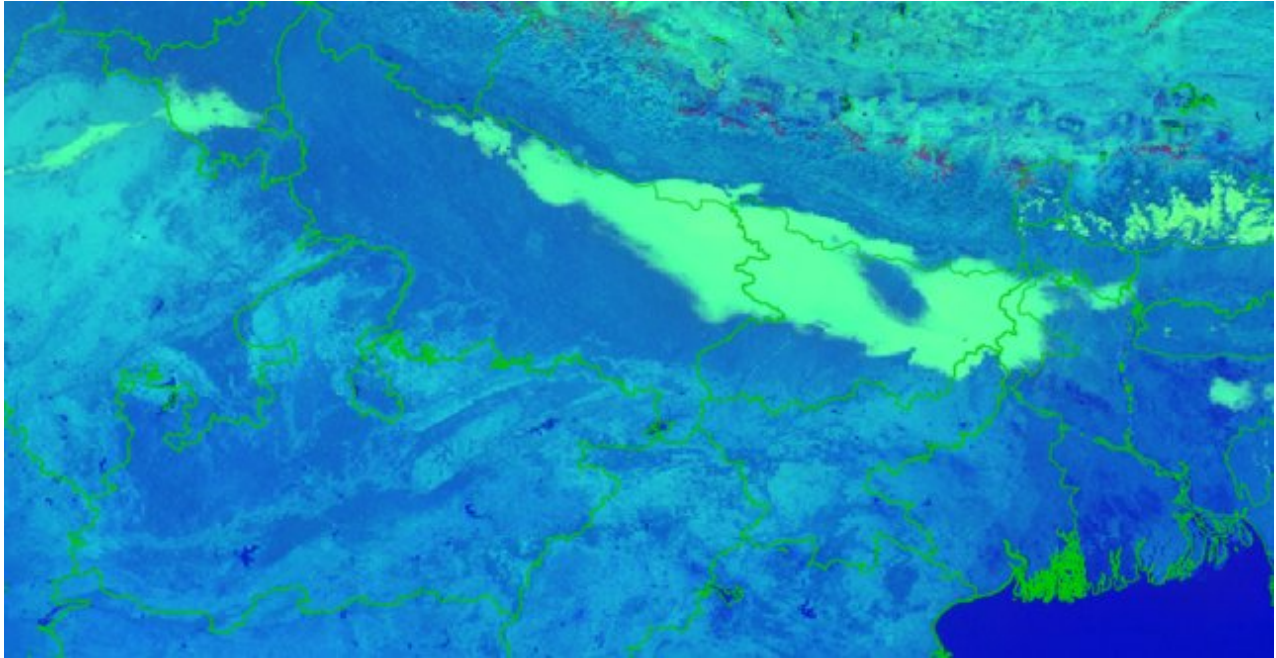
REGION COVERED BETWEEN LAT 50.0°N TO 30.0°S AND LONG 40.0°E TO 125.0°E (.)

**SALIENT FEATURES :-**

**WESTERN DISTURBANCE (WD):-**

SCT M/LAYERED CLOUDS OVER NE AFGAN EXT N PAK N J&K AND OVER AREA BET LAT 37.0N TO 43.0N LONG 70.0E TO 80.0E IN ASSW WD OVER THE AREA (.)

BKN M/LAYERED CLOUDS OVER BLACK SEA AND N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)



**FOG:-**

SCT TO BKN FOG /LOW CLOUDS OVER SE PJB HARY DEL EXT NE RAJ N UP ADJ NEPAL BHR ADJ NEPAL S SHWB ADJ ASSAM N MD NE JHRKND SE BD ADJ N TRP EXT W MEGHA (.)

**CLOUDS DESCRIPTIONS WITHIN INDIA :-**

**NORTH:-**

SCT LOW/MED CLOUDS OVER REST J&K HP & N UTRKND (.)

**EAST:-**

SCT LOW/MED CLOUDS OVER NAGA NE ASSAM SKM & ARUPR (.)

**WEST**

NO SIG CLOUDS OVER THE REGION (.)

**SOUTH:-**

SCT LOW/MED CLOUDS OVER BAY ILS AND ISOL OVER S KER & TN (.)

**ARABIAN SEA:-**

NO SIG CLOUDS OVER THE REGION (.)

**BAY OF BENGAL & ANDAMAN SEA:**

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

**CLOUDS DESCRIPTION OUTSIDE INDIA :-**

**VORTEX:-**

VORTEX (**BERGUITTA**) OVER SW INDIAN OCEAN CENTRED NEAR **23.8S/53.5E** (.) INTENSITY **T3.0** (.) ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 21.0S TO 30.0S LONG 48.0E TO 57.5E (.)

SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SUMATRA STR OF MALACCA S CHINA SEA SOUTH OF LAT 10.0N BORNEO JAVA ILS & SEA CELEBES ILS & SEA SULU SEA PHILIPPINES N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET EQ TO LAT 5.0N EAST OF LONG 80.0E AND BET LAT EQ TO 20.0S EAST OF LONG 53.0E (.)

TOO: 19/1240EF=

NNNN

**LEGEND:-**

<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>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-DIVISION, STATES, &amp; 5 UTS</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>COT L 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>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>KERAL</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>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>WB</b>	<b>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>CIR</b>	<b>CIRCULATION</b>
	<b>EMBDD</b>	<b>EMBEDDED</b>
	<b>N/HOOD</b>	<b>NEIGHBOURHOOD</b>
	<b>EXT</b>	<b>EXTREME</b>