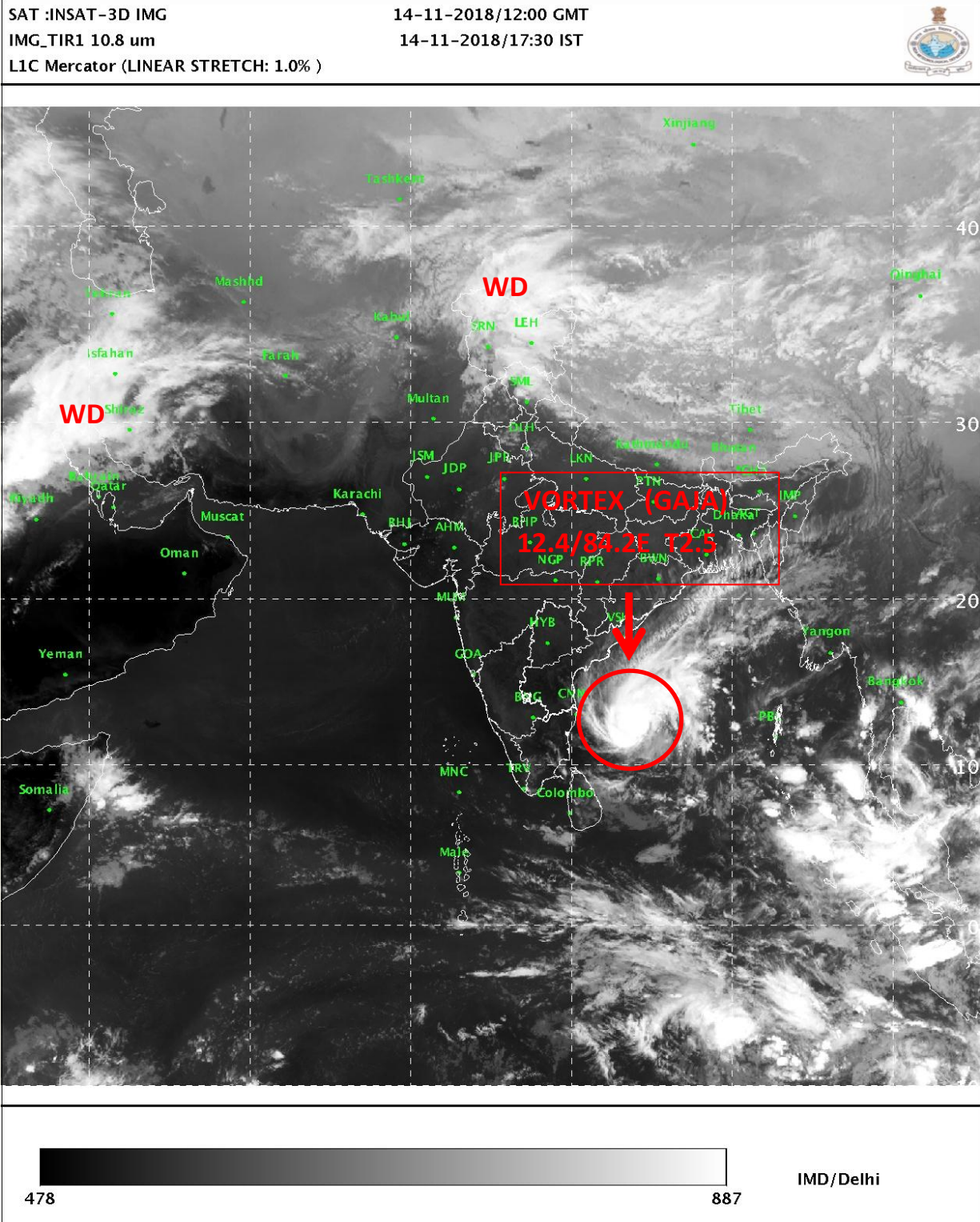


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES  
AND PRODUCTS**

**14.11.2018 TIME 1200 UTC**



TCIN50 DEMS 141200

SATELLITE BULLETIN BASED ON INSAT PIC OF 141200 UTC (.)

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

**SALIENT FEATURES :-**

**VORTEX (GAJA) OVER WC ADJ EC BAY OF BENGAL :-**

VORTEX OVER SE ADJ WC BAY CENTRED NEAR **12.4N/84.2E** (.) INTENSITY **T2.5** RPT **T2.5** (.)  
ASSTD BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BAY BET LAT  
11.0N TO 16.0N LONG 82.00E TO 88.0E (.) MINIMUM CTT MINUS 88 DEG CEL (.)

**WESTERN DISTURBANCES (WD):-**

SCT M/LAYERED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K HP UTRKND N TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

**CLOUDS DESCRIPTIONS WITHIN INDIA:-**

**NORTH:-**

BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER J&K HP (.) ISOL LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER UTRKND(.) ISOL LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER PUNJAB HARY W UP (.)

**EAST:-**

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER SKM ARUPR MIZO TRP(.) ISOL LOW/MED CLOUDS ALONG THE NORTHERN BOUNDARY OF ASSAM AND NE ASSAM NAGA MANI SHWB(.) ISOL HIGH CLOUDS OVER ORISSA GWB ADJ BD(.)

**WEST:-**

ISOL LOW/MED CLOUDS OVER RAJ & GUJ (.)

**SOUTH:-**

ISOL LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER TN ANDAMAN & NICOBAR ILS (.) ISOL LOW/MED CLOUDS OVER N COTL AP TN(.)

**ARABIAN SEA:-**

ISOL LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SW ARSEA NEAR SOMALI COAST (.)

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

BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SE & CENTRAL BAY AND ANDMAN SEA(.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY(.)

**CLOUDS DESCRIPTION OUTSIDE INDIA:-**

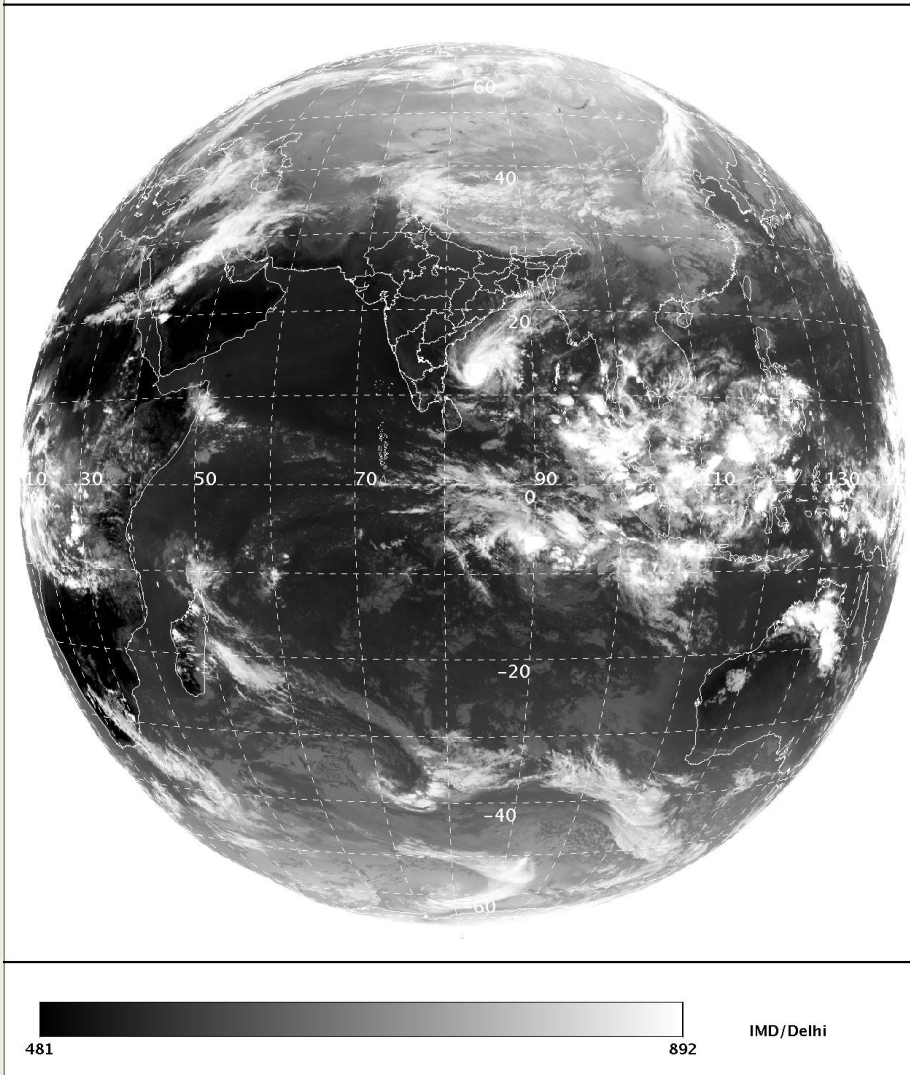
BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER AREA BET LAT 4.0S TO 8.0S & LONG 87.0E TO 95.0E IN ASSW LLC OVER THEREGION (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NORTH OF MADAGASCAR IN ASSW WITH LLC OVER THE REGION (.)

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S MYANMAR TIBET SUMATRA STR OF MALACCA MALAY PENINSULA THAILAND GULF OF THAILAND CAMBODIA HAINAN SOUTH CHINA SEA BORNEO JAVA SEA CELEBES ILS & SEA SULU SEA S PHILIPPINES MADAGASCAR AND OVER INDIAN OCEAN BET LAT 3.0N TO 10.0S EAST OF LONG 80.0E (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER NEPAL BHUTAN SRI LANKA (.)

SAT :INSAT-3D IMG  
 IMG\_TIR1 10.8 um  
 L1B FULL DISK (LINEAR STRETCH: 1.0%)

14-11-2018/(1200 to 1227) GMT  
 14-11-2018/(1730 to 1757) IST



TOO 14/1845 EF=

**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</b>	<b>COASTAL KARNATAKA</b>

	<b>KRNTK</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>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>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>