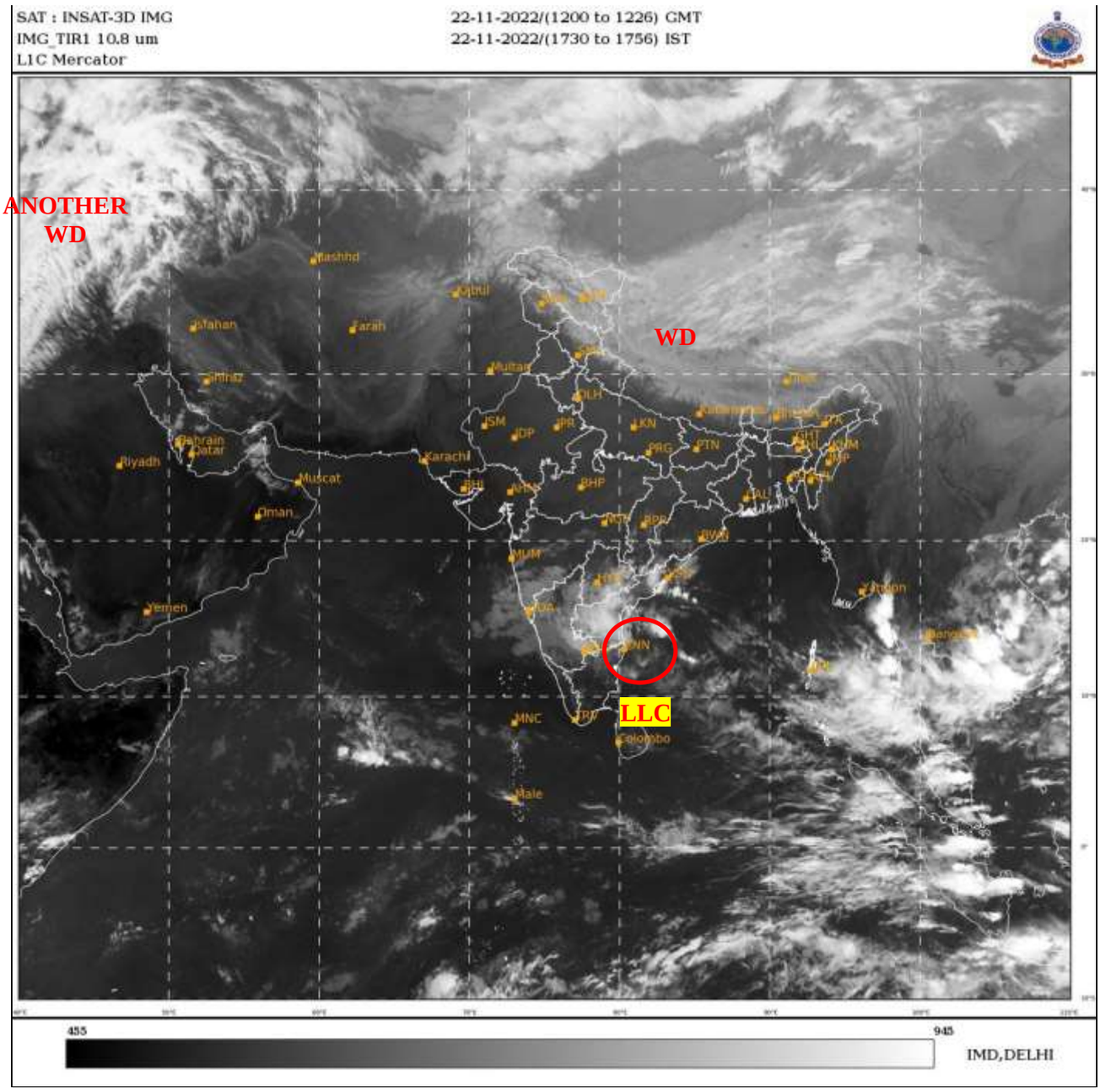
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

22.11.2022 TIME 1200 UTC



TCIN50 DEMS 221200
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 221200 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 35.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

SALIENT FEATURES:-

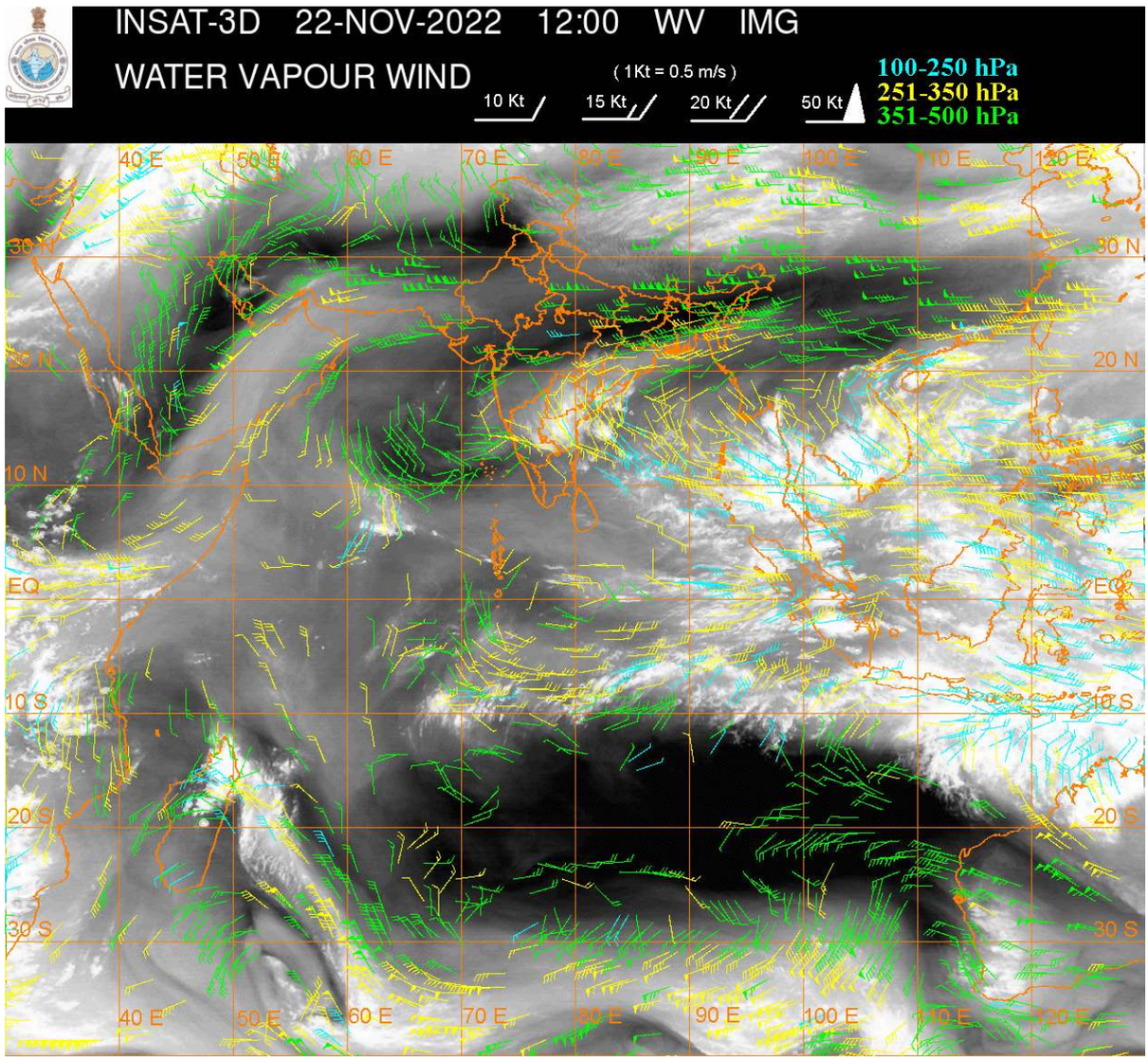
LOW LEVEL CIRCULATION OVER WC ADJ SW BAY AND N/HOOD:-

LOW LEVEL CIRCULATION (LLC) OVER WC ADJ SW BAY & N/HOOD (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC ADJ SW BAY BET LAT 13.0N TO 17.5N AND LONG 80.0E TO 85.0E AND ALSO OVER RYALSEEMA S TLNGN COTL AP ADJ NE TN (.) MINIMUM CTT MINUS 74 DEGREE CEL (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER BLACK SEA CASPIAN SEA IRAQ & N/HOOD IN ASSW ANOTHER WD OVER THE AREA (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER S CHTGH S ORS SKM ARUPR (.) SCT LOW/MED CLOUDS OVER N ORS N SHWB MEGHA NAGA (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER W MRTHWDA SOUTH MADHYA MAHA S KKN (.)SCT LOW/MED CLOUDS OVER VID E MRTHWD NORTH MADHYA MAHA N KKN & GOA (.)

SOUTH:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER COTL AP RYLSM (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER S TLNGN KRNTK NE TN ANDAMAN & NICOBAR ILS (.) SCT LOW/MED CLOUDS OVER N TLNGN KER REST TN & LKSDP ILS (.)

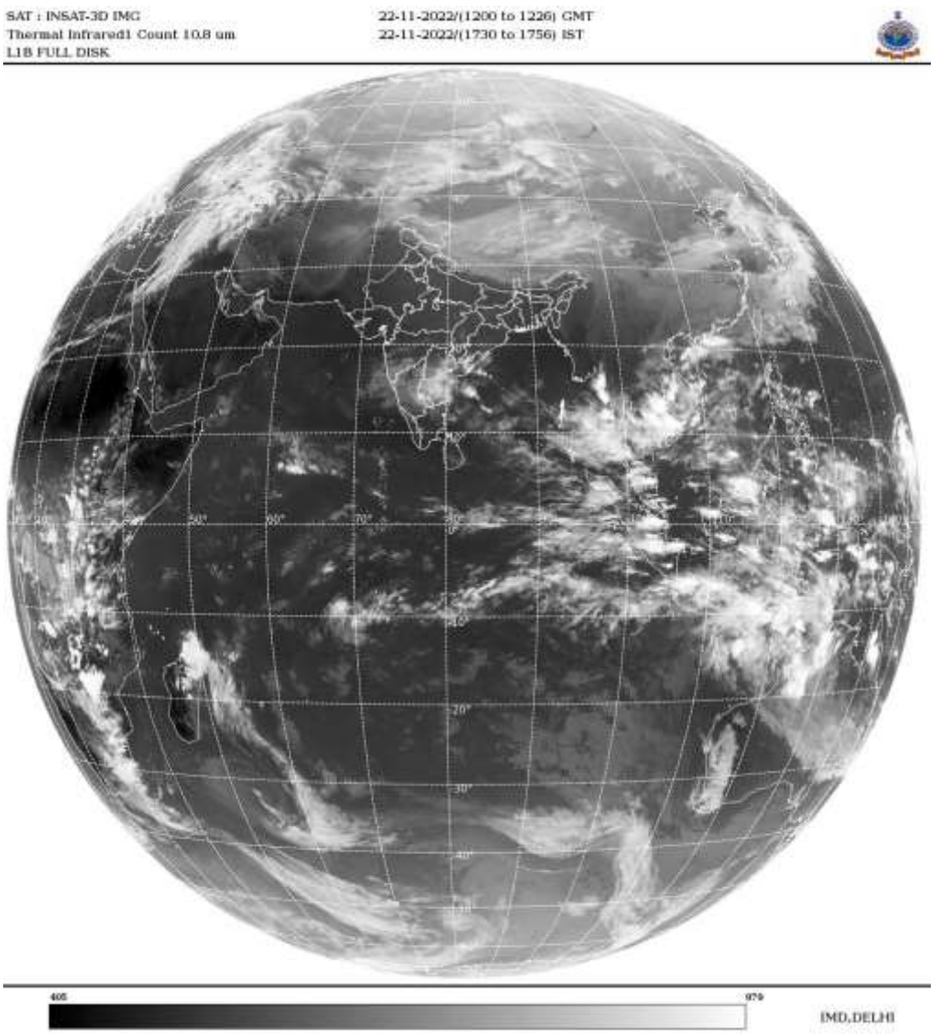
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CENTRAL PARTS OF SOUTH ARSEA (.) SCT LOW/MED CLOUDS WITH EMBDD WK CONVTN OVER EC ARSEA OFF S MAHA-KRNTK COAST (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER SE BAY ANDAMAN SEA AND WK TO MOD CONVTN OVER SW & EC BAY (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM HAINAN TAIWAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES YELLOW SEA N MADAGASCAR AND OVER INDIAN OCEAN BET LAT 5.0N TO 13.0S LONG 66.0E TO 110.0E AND BET LAT 10.0S TO 18.0S LONG 110.0E TO 125.0E (.)

TOO 22/1855 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**

CLOUD DISTRIBUTION	**ISOL**	**ISOLATED (LESS THAN 25%)**
	SCT	**SCATTERED (25 TO 50%)**
	BKN	**BROKEN (51 TO 75%)**

	SLD	**SOLID (GREATER THAN 75%)**
CLOUDS TOP TEMPERATURE	**CTT**	**CLOUD TOP TEMPERATURE**
CONVECTION	**WK CONVTN**	**WEAK CONVECTION (CTT GREATER THAN –25°C)**
	MOD CONVTN	**MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)**
	INT CONVTN	**INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)**
	V INT CONVTN	**VERY INTENSE CONVECTION (CTT LESS THAN -70°C)**
METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES	**ARUPR**	**ARUNACHAL PRADESH**
	BHR	**BIHAR**
	CHTGH	**CHHATTISGARH**
	COTL AP	**COASTAL ANDHRA PRADESH**
	COTL KRNTK	**COASTAL KARNATAKA**
	COTL ORS	**COASTAL ORISSA**
	GUJ	**GUJARAT**
	GWB	**GANGETIC WEST BENGAL**
	HARY	**HARYANA**
	DLH	**DELHI**
	HP	**HIMACHAL PRADESH**
	J&K	**JAMMU AND KASHMIR**
	JHRKND	**JHARKHAND**
	KER	**KERALA**
	KKN	**KONKAN**
	LKSDP	**LAKSHADWEEP**
	M MAHA	**MADHYA MAHARASHTRA**
	MAHA	**MAHARASHTRA**
	MANI	**MANIPUR**
	MEGHA	**MEGHALAYA**
	MIZO	**MIZORAM**
	MP	**MADHYA PRADESH**
	MRTHWD	**MARATHWADA**
	NAGA	**NAGALAND**
	N COTL AP	**NORTH COASTAL ANDHRA PRADESH**
	NIK	**NORTH INTERIOR KARNATAKA**
	ORS	**ORISSA**
	PJB	**PUNJAB**
	RAJ	**RAJASTHAN**
	RYLSM	**RAYALASEEMA**
	SAU & KUTCH	**SAURASHTRA & KUTCH**
	SHWB	**SUB-HIMALAYAN WEST BENGAL**
	SIK	**SOUTH INTERIOR KARNATAKA**
	SKM	**SIKKIM**
	TLNGN	**TELANGANA**
	TN	**TAMIL NADU**
	TRP	**TRIPURA**

	UP	**UTTAR PRADESH**
	UTRKND	**UTTARAKHAND**
	VID	**VIDHARBHA**
	SHWB	**SUB HIMALAYAN WEST BENGAL**
	GWB	**GANGETIC WEST BENGAL**
	ARSEA	**ARABIAN SEA**
	ILS	**ISLANDS**
MISCELLANEOUS	**ASSW**	**IN ASSOCIATION WITH**
	ASSTD	**ASSOCIATED**
	LLC	**LOW LEVEL CIRCULATION**
	EMBDD	**EMBEDDED**
	N/HOOD	**NEIGHBOURHOOD**
	EXT	**EXTREME**