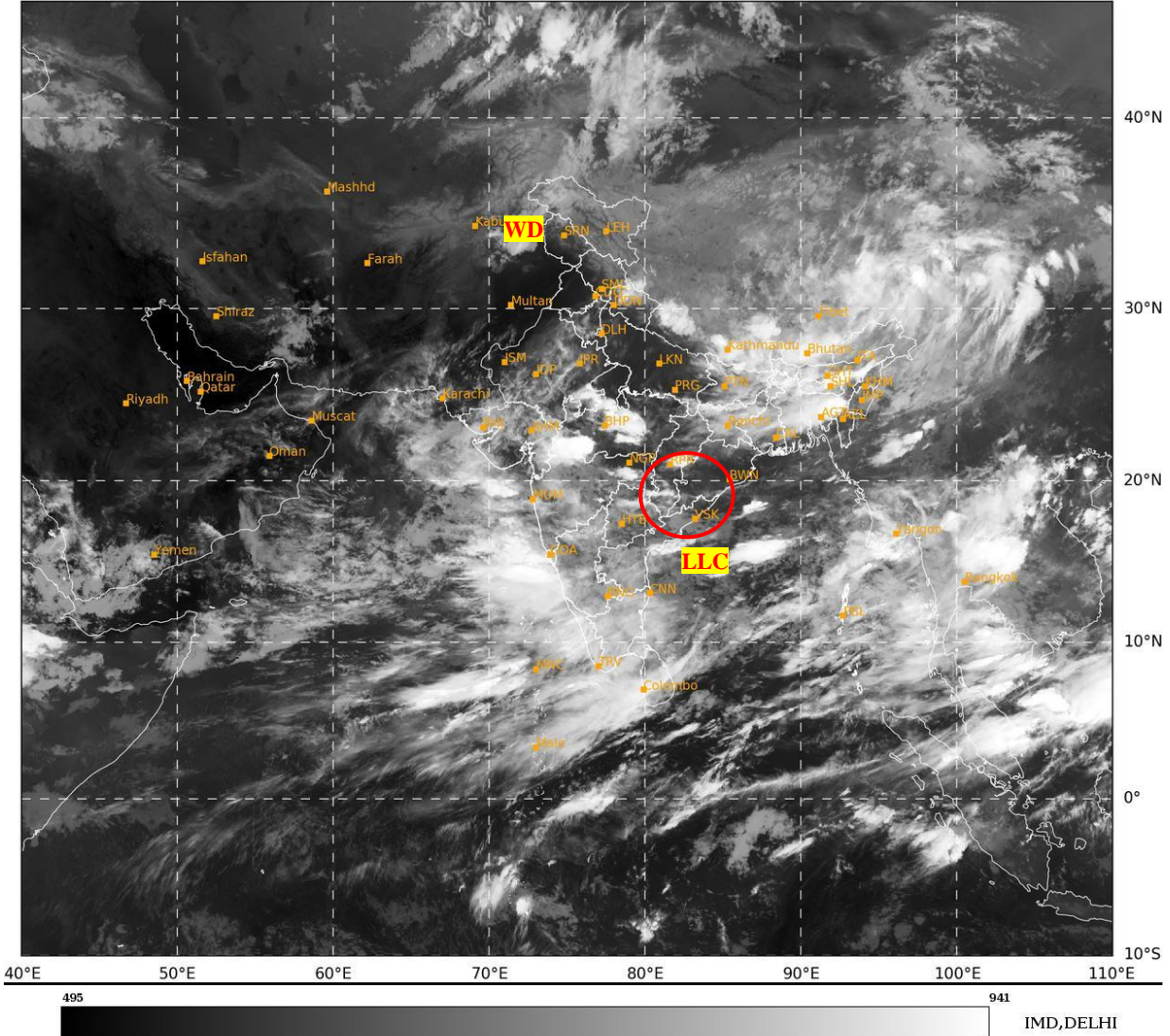




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
15.07.2024 TIME 2100 UTC

SAT : INSAT-3DR IMG
IMG_TIR1 10.8 um
LIC Mercator

15-07-2024/(2115 to 2142) GMT
16-07-2024/(0245 to 0312) IST



TCIN50 DEMS 152100

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 152115 UTC (.)

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

SALIENT FEATURES:-

LLC OVER S ORS AND N/HOOD:-

LOW LEVEL CIRCULATION (LLC) OVER S ORS AND N/HOOD (.) ASSTD SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER S ORS ADJ S CHTGH N COTL AP (MINIMUM CTT MINUS 50 DEG CEL) (.)

WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER EXT N PAK W LADAKH AND N/HOOD IN ASSW WD OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER MP VID COTL KRNTK NE BHR N GWB SHWB ASSAM TRP BD (MINIMUM CTT MINUS 80-93 DEG CEL) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER RAJ S CHTGH TLNGN COTL AP REST KRNTK KER TN LKSDP ILS (MINIMUM CTT MINUS 50-70 DEG CEL) (.)



INSAT-3DR 15-JUL-2024 21:15 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

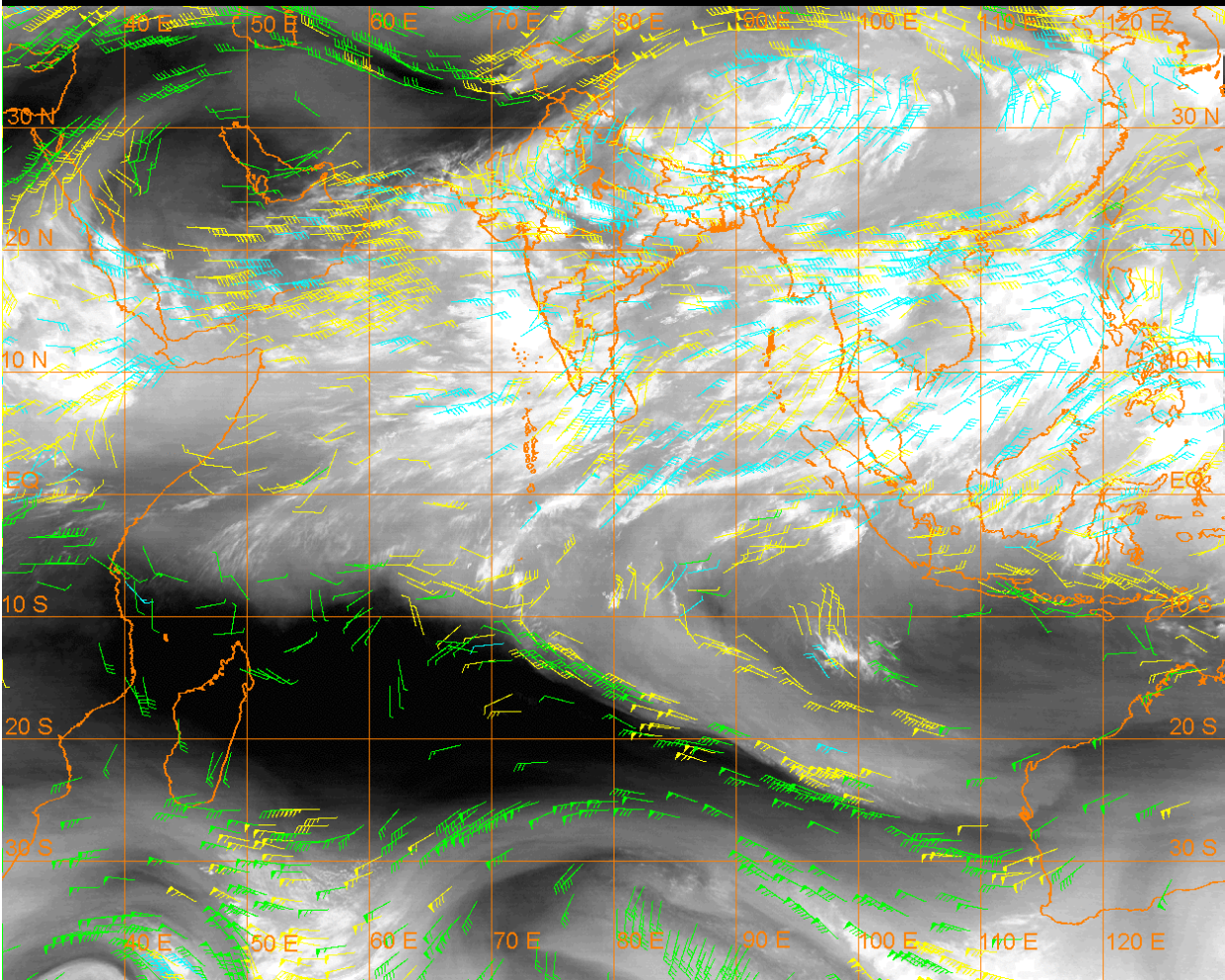
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N UTRKND AND WK TO MOD CONVTN OVER W LADAKH S HARY E UP (.) SCT LOW/MED CLOUDS OVER J&K HP PJB N HARY DLH W UP (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E BHR N GWB SHWB WEST ASSAM TRP & BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER W BHR JHRKND S CHTGH S GWB SKM REST NE STATES AND ISOL WK TO MOD CONVTN OVER N CHTGH ORS (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER MP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER GUJ MAHA RAJ GOA (.)

SOUTH:-

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

ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EAST ARSEA LKSDP ILS MALDIVES & COMORIN AREA (.) SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER REST ARSEA (.)

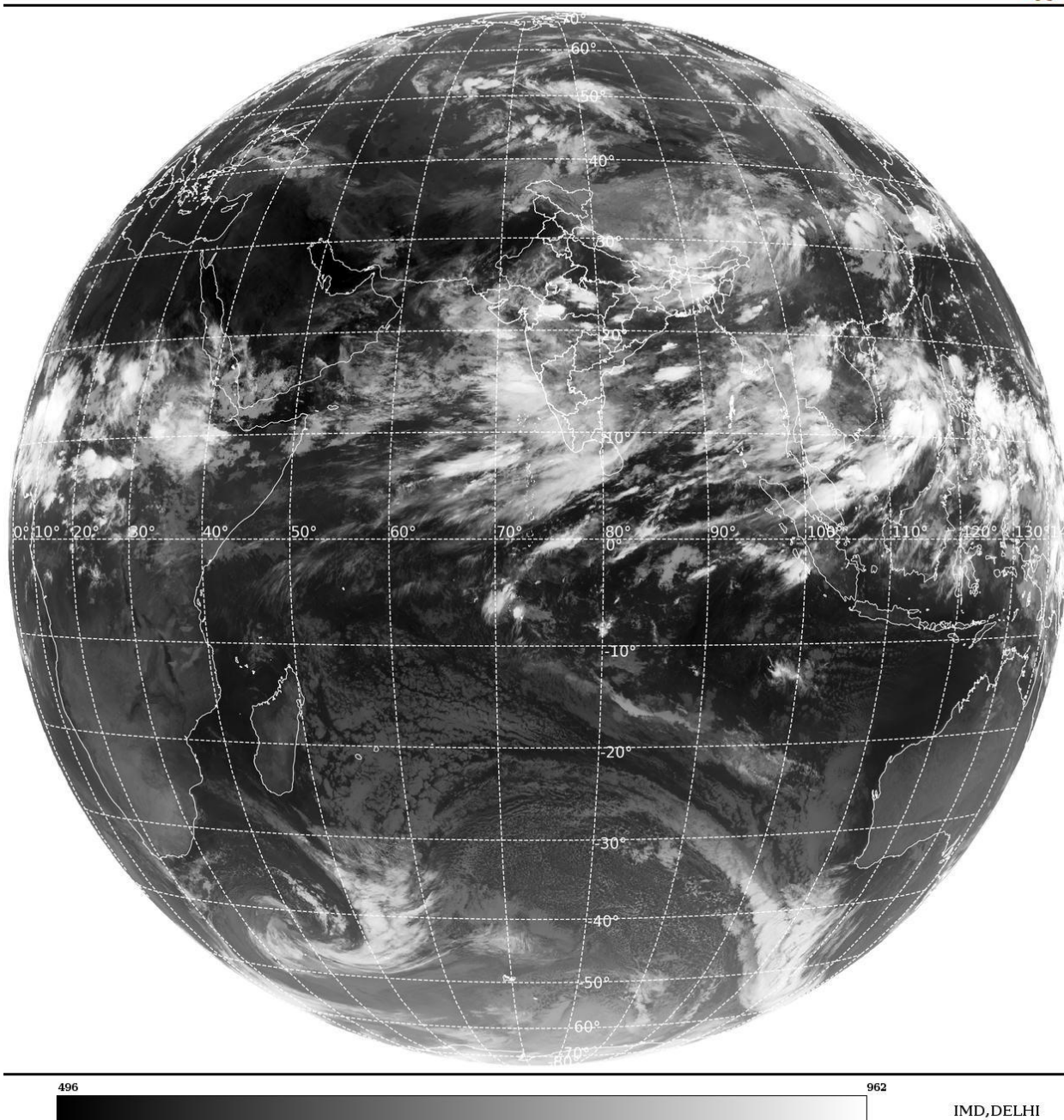
BAY OF BENGAL & ANDAMAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CENTRAL BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER BAY & ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SAT : INSAT-3DR IMG
 Thermal Infrared1 Count 10.8 um
 L1B FULL DISK

15-07-2024/(2115 to 2142) GMT
 16-07-2024/(0245 to 0312) IST



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA PALK STR GULF OF MANNAR MALDIVES PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA TAIWAN MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM GULF OF TONKIN HAINAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 55.0E TO 100.0E AND BET LAT 10.0S TO 23.0S LONG 80.0E TO 100.0E (.)

TOO 16/0330 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 CONV TN	WEAK CONVECTION (CTT GREATER THAN -25°C)
	MOD CONV TN	MODERATE CONVECTION (CTT BETWEEN -25°C TO -40°C)
	INT CONV TN	INTENSE CONVECTION (CTT BETWEEN -41°C TO -70°C)
	V INT CONV TN	VERY INTENSE CONVECTION (CTT LESS THAN -70°C)
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERRITORIES	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