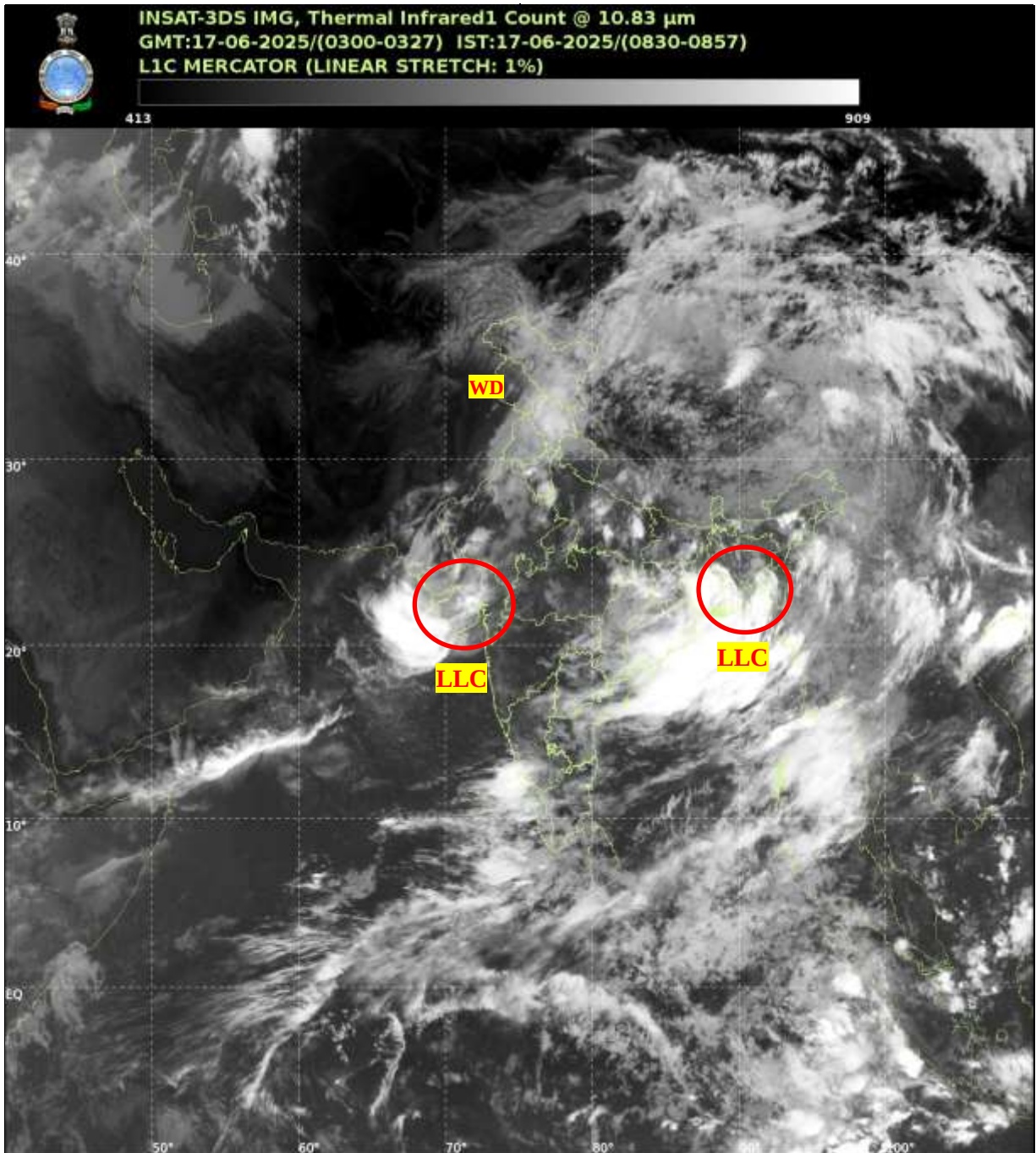




भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences



**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
17.06.2025 TIME 0300 UTC



TCIN50 DEMS 170300

SATELLITE BULLETIN BASED ON INSAT-3DS PIC OF 170300 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 SOUTH GUJ & N/HOOD :-

LOW LEVEL CIRCULATION (LLC) OVER SOUTH GUJ & N/HOOD (.) ASSTD WITH INTENSE TO VERY INTENSE CONVECTION OVER NE ARSEA OFF GUJ COASTS & GULF OF KUTCH PERSISTS (MINIMUM **CTT MINUS 70-90** DEG CEL) (.)

ANOTHER LLC OVER SW BD ADJ GWB & N/HOOD:-

LOW LEVEL CIRCULATION (LLC) OVER SW BD ADJ GWB & N/HOOD (.) ASSTD WITH INTENSE TO VERY INTENSE CONVECTION OVER NORTH BAY OFF GWB COASTS & BD COAST TRP ORS (MINIMUM **CTT MINUS 70-90** DEG CEL) (.)

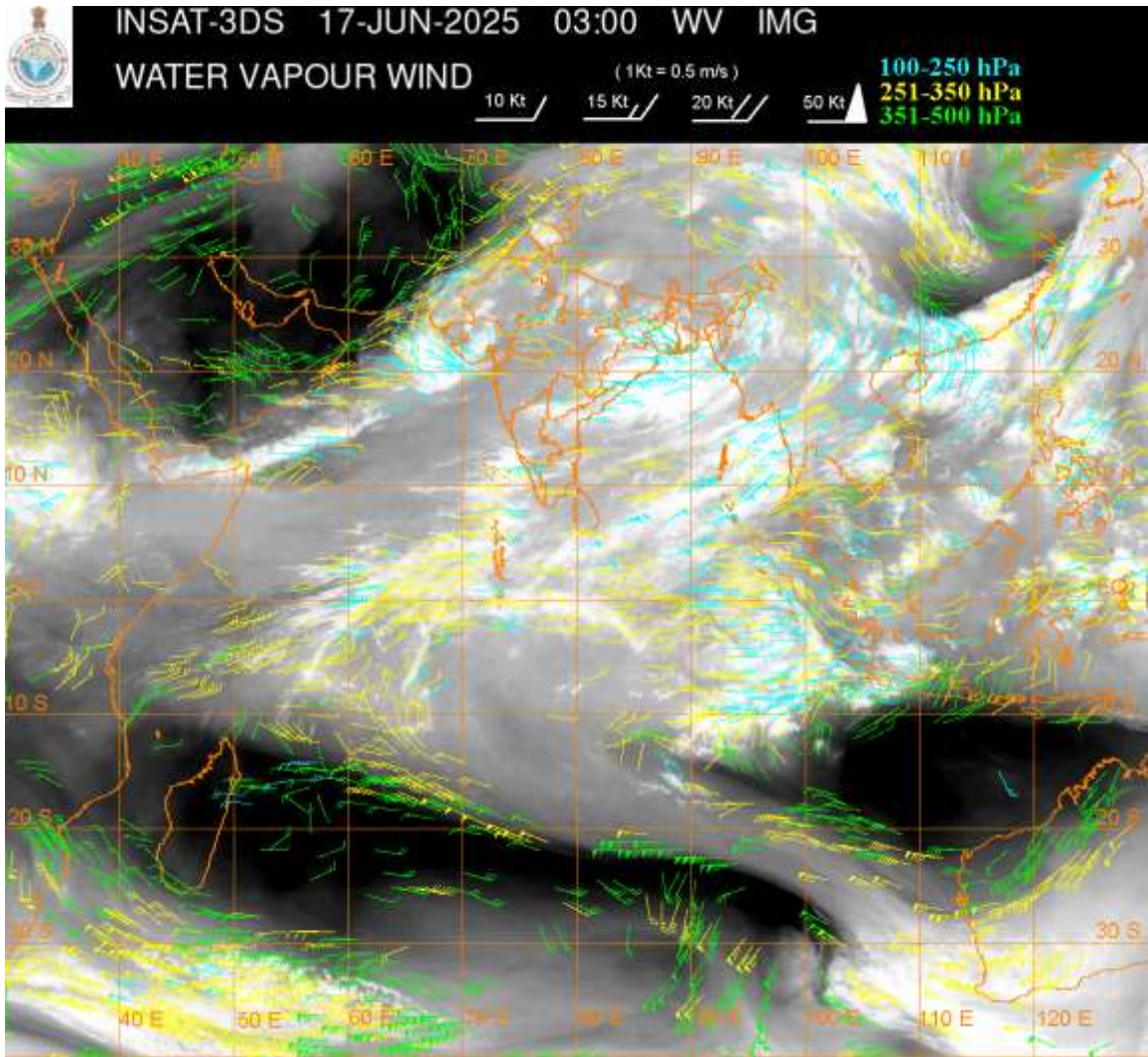
WESTERN DISTURBANCE:-

SCT TO BKN MULTILAYERED CLOUDS OVER PAK LADAKH J&K HP UTRKND PJB HARY DLH RAJ W UP NEPAL TIBET ADJ CHINA IN ASSW **WD** OVER THE AREA (.)

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE TO VERY INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER GUJ S HARY UP ORS JHRKND N CHTGH ASSAM GWB N COTL AP N KER ADJ COTL KRNTK (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER HP NE RAJ BHR NE MP CHTGH VID TLNGN REST KRNTK KER REST NE STATES LKSDP ILS AREA ANDAMAN ILS AREA (MINIMUM **CTT MINUS 50-70 DEG CEL**) (.)



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

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

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GUJ AND MOD TO INT CONVTN OVER NE MP VID AND WK TO MOD CONVTN OVER REST MAHA GOA (.)

SOUTH:-

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

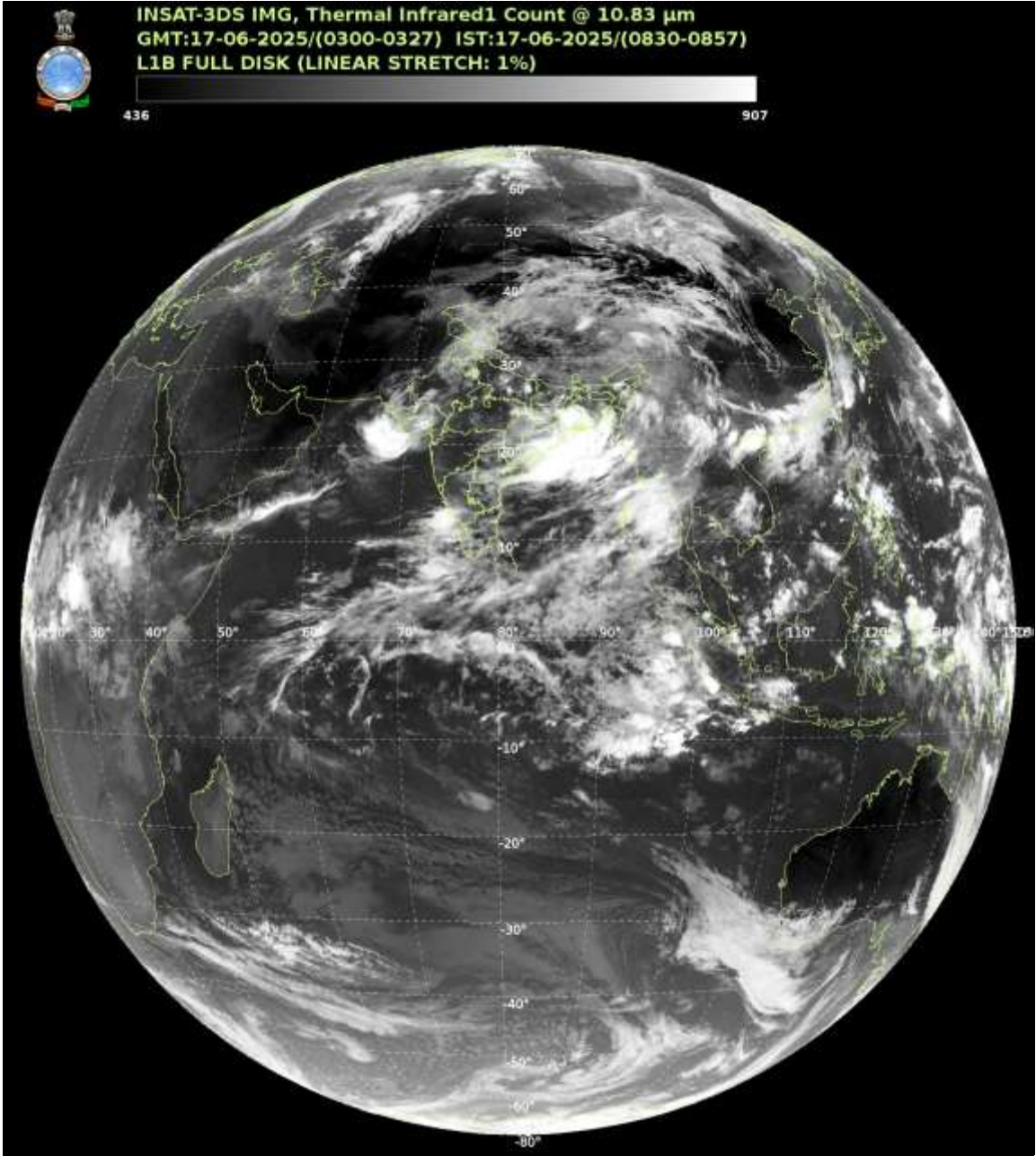
ARABIAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NE ARSEA OFF GUJ COASTS & GULF OF KUTCH SE ARSEA OFF S KRNTK – KER COASTS (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL MOD TO INT CONVTN OVER REST ARSEA LKSDP ILS AREA MALDIVES & COMORIN AREA (.)

BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH AND CENTRAL BAY N ANDAMAN SEA (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SOUTH BAY & S ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER 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 JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 50.0E TO 105.0E AND BET LAT 10.0S TO 30.0S LONG 60.0E TO 90.0E (.)

TOO 17/0950 EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS 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