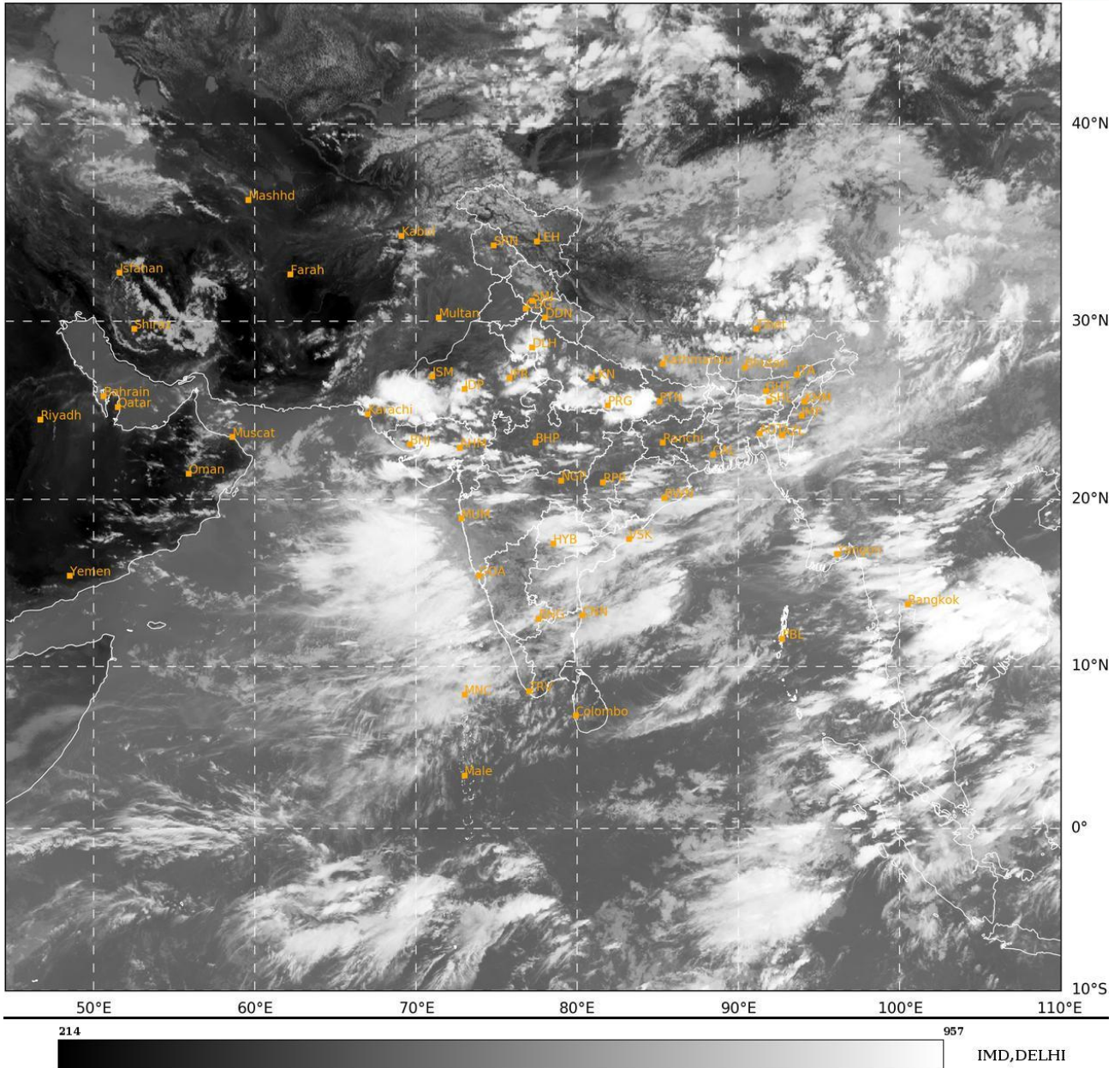




**SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS**
09.07.2024 TIME 0900 UTC

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

09-07-2024/(0915 to 0942) GMT
09-07-2024/(1445 to 1512) IST



TCIN50 DEMS 090900

SATELLITE BULLETIN BASED ON INSAT-3DR PIC OF 090915 UTC (.)

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

SALIENT FEATURES:-

CONVECTIVE / THUNDERSTORM ACTIVITY:-

INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER S HARY DLH UP RAJ GUJ WEST BHR ORS TLNGN MEGHA ADJ ASSAM MIZO (MINIMUM **CTT MINUS 80-90 DEG CEL**) (.)

MODERATE TO INTENSE CONVECTIVE / THUNDERSTORM ACTIVITY OBSERVED OVER MP VID NORTH MADHYA MAHA COTL AP & LKSDP ILS (MINIMUM **CTT MINUS 60-70 DEG CEL**) (.)



INSAT-3DR 09-JUL-2024 09:15 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

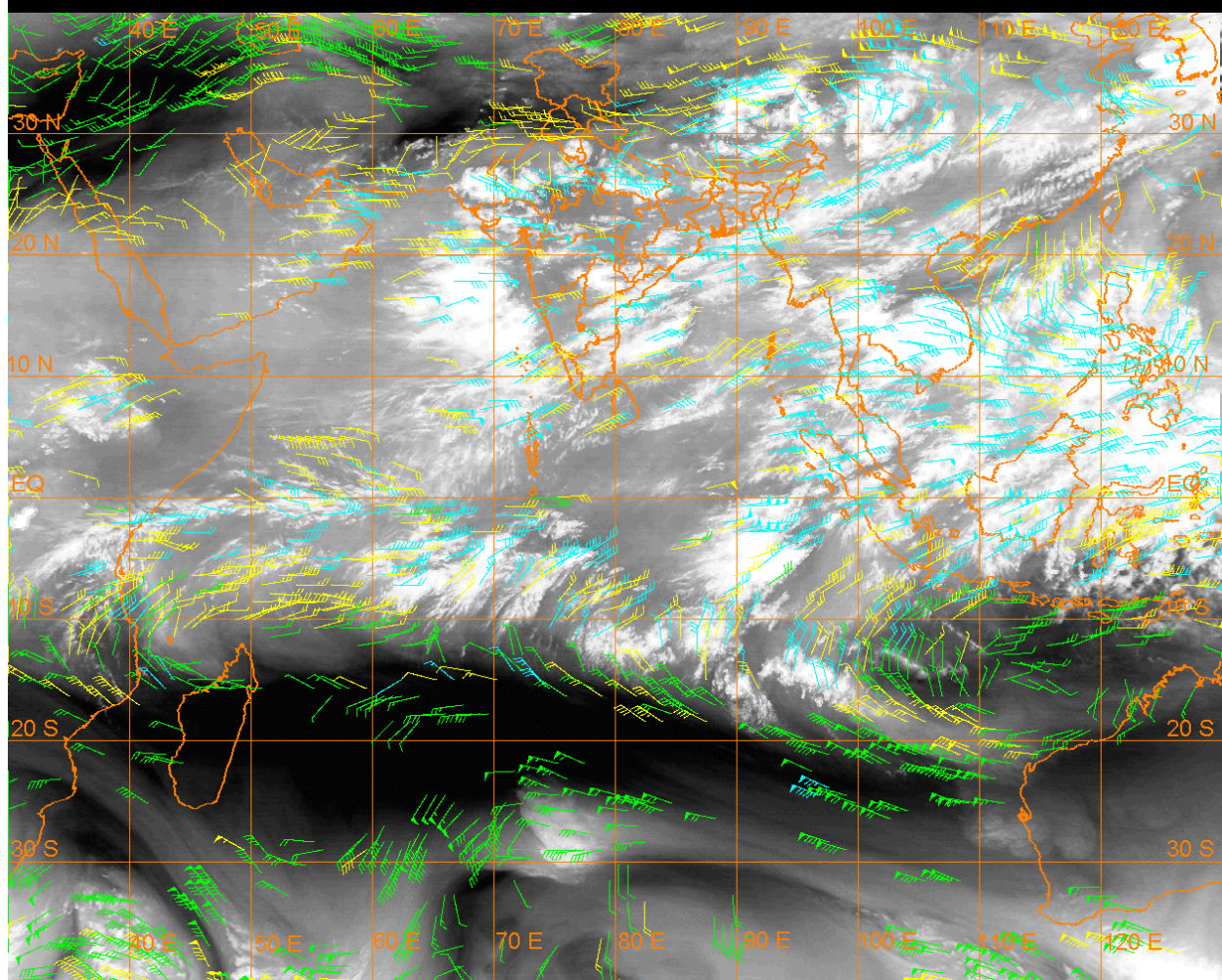
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S HARY DLH UP (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND (.) SCT LOW/MED CLOUDS OVER PJB REST HARY (.)

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER W BHR ORS MEGHA ADJ ASSAM MIZO (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CHTGH E BHR SHWB REST NE STATES BD AND WK TO MOD CONVTN OVER JHRKND GWB SKM (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER RAJ GUJ MP (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER VID NORTH MADHYA MAHA AND WK TO MOD CONVTN OVER REST MAHA GOA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER TLNGN LKSDP ILS (MINIMUM **CTT MINUS 70-90 DEG CEL**) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER RYLSMA COTL AP SIK AND WK TO MOD CONVTN OVER 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 AREA (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST ARSEA (.)

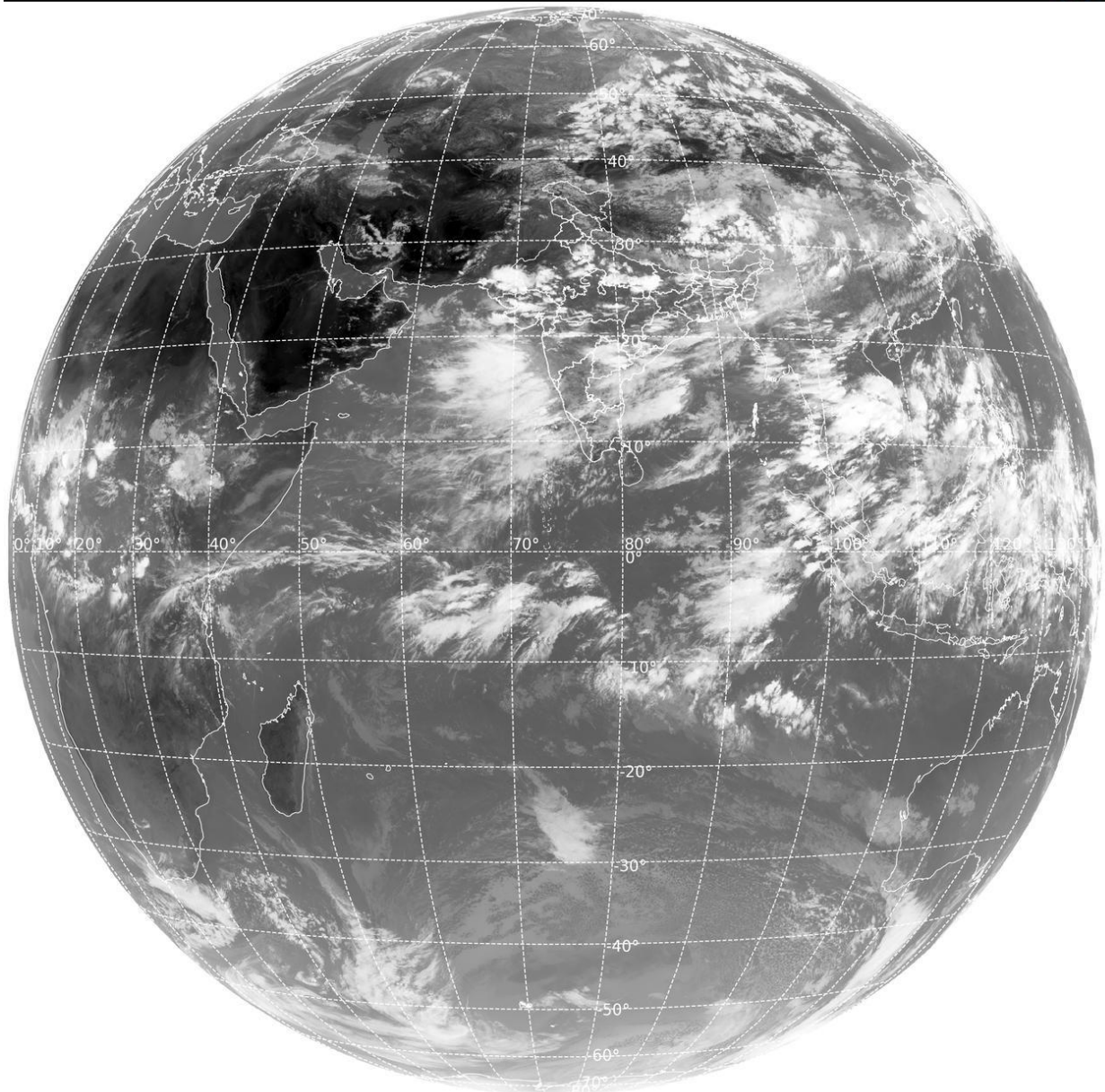
BAY OF BENGAL & ANDAMAN SEA:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER WC BAY (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST BAY ANDAMAN SEA (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-

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

09-07-2024/(0915 to 0942) GMT
09-07-2024/(1445 to 1512) IST



214

949

IMD,DELHI

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER MALDIVES S PAK NEPAL BHUTAN TIBET CHINA YELLOW SEA EAST CHINA SEA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM HAINAN TAIWAN SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA & SEA JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES SULU SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 10.0S LONG 40.0E TO 100.0E AND BET LAT 10.0S TO 15.0S LONG 80.0E TO 100.0E (.)

TOO 09/1540 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 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