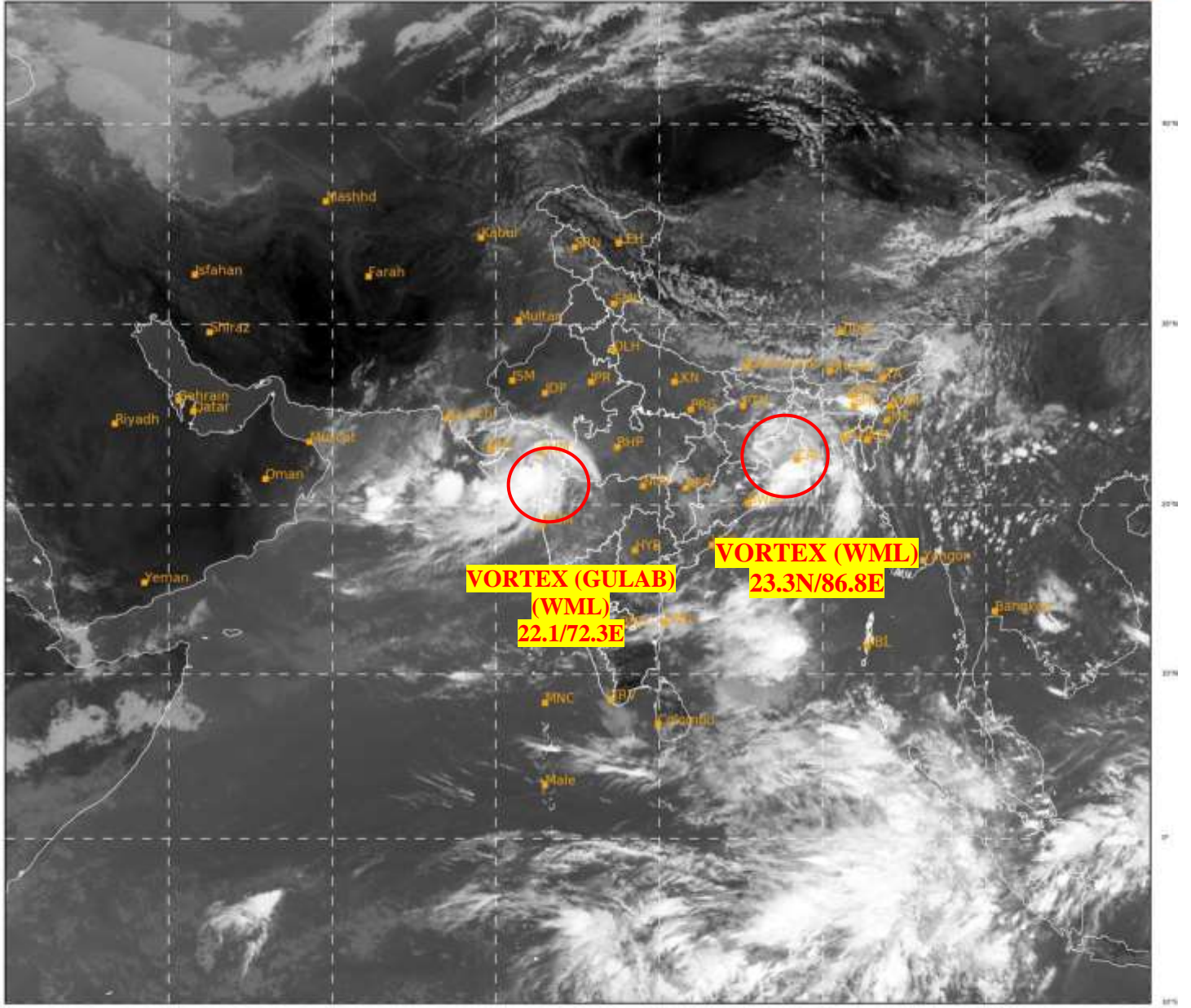




SATELLITE BULLETIN BASED ON SATELLITE
IMAGERIES AND PRODUCTS
29.09.2021 TIME 0600 UTC

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

29-09-2021/(0600 to 0627) GMT
29-09-2021/(1130 to 1157) IST



337

934

IMD, DELHI

TCIN50 DEMS 290600 COR

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 290600 UTC (.)

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

SALIENT FEATURES:-

VORTEX (GULAB) OVER S GUJ ADJ GULF OF CAMBAY & N/HOOD:-

VORTEX (**GULAB**) OVER S GUJ ADJ GULF OF CAMBAY & N/HOOD CENTRED WITHIN HALF A DEGREE OF **22.1N/72.3E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER NORTH MADHYA MAHA ADJ SW MP N KKN S GUJ GULF OF CAMBAY & N/HOOD (MINIMUM CTT MINUS **93** DEG C) (.)

VORTEX (WML) OVER GWB & N/HOOD:-

VORTEX (**WML**) OVER GWB CENTRED WITHIN HALF A DEGREE OF **23.3N/86.8E** (.) ASSTD SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GWB ADJ SE JHRKND NE ORS NW BAY SW BD (.) MINIMUM CTT MINUS **93** DEG C (.)



INSAT-3D 29-SEP-2021 06:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

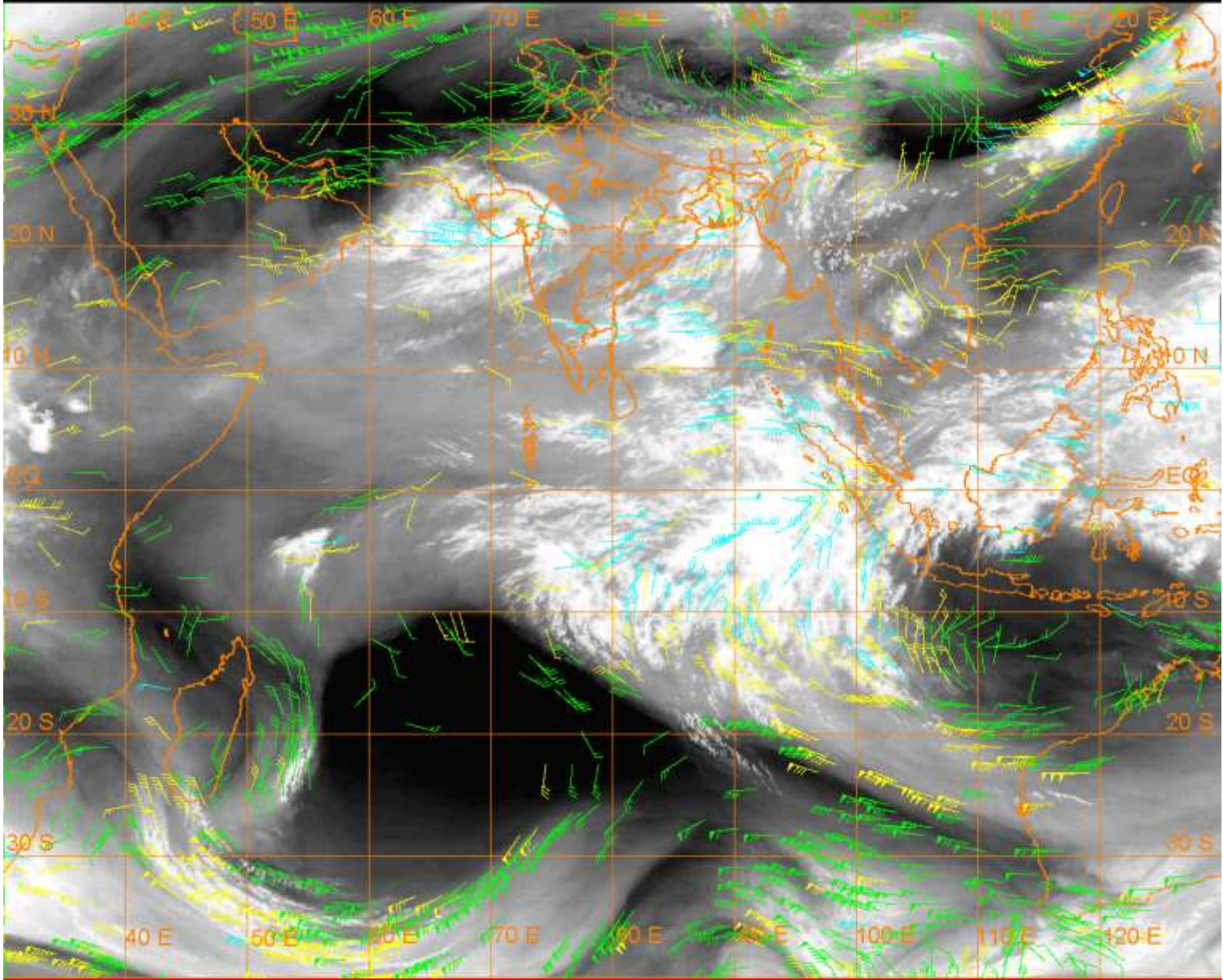
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK CONV TN OVER LADKAH HP UTRKND E UP J&K
(.) ISOL TO SCT LOW/MED CLOUDS OVER PJB HARY (.)

EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER GWB N COTL ORS
SW BD (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER N ORS JHRKND
SHWB E ARUPR ASSAM NAGA MANI MEGHA AND WK TO MOD CONV TN OVER SC CHTGH S
ORS BHR SKM REST NE STATES (.)

WEST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER GUJ (MINIMUM
CTT MINUS 80 DEG C) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER
EXT S RAJ SW& SE MP KKN N M MAHA AND ISOL WK TO MOD CONV TN OVER E MP REST
MAHA GOA (.) SCT LOW/MED CLOUDS OVER REST RAJ REST MP (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONV TN OVER N TN & NICOBAR ILS AND
ISOL WK TO MOD CONV TN OVER TLNGN COTL AP KRNTK KER TN (.) SCT LOW/MED CLOUDS
OVER LKSDP & ANDAMAN ILS (.)

ARABIAN SEA:-

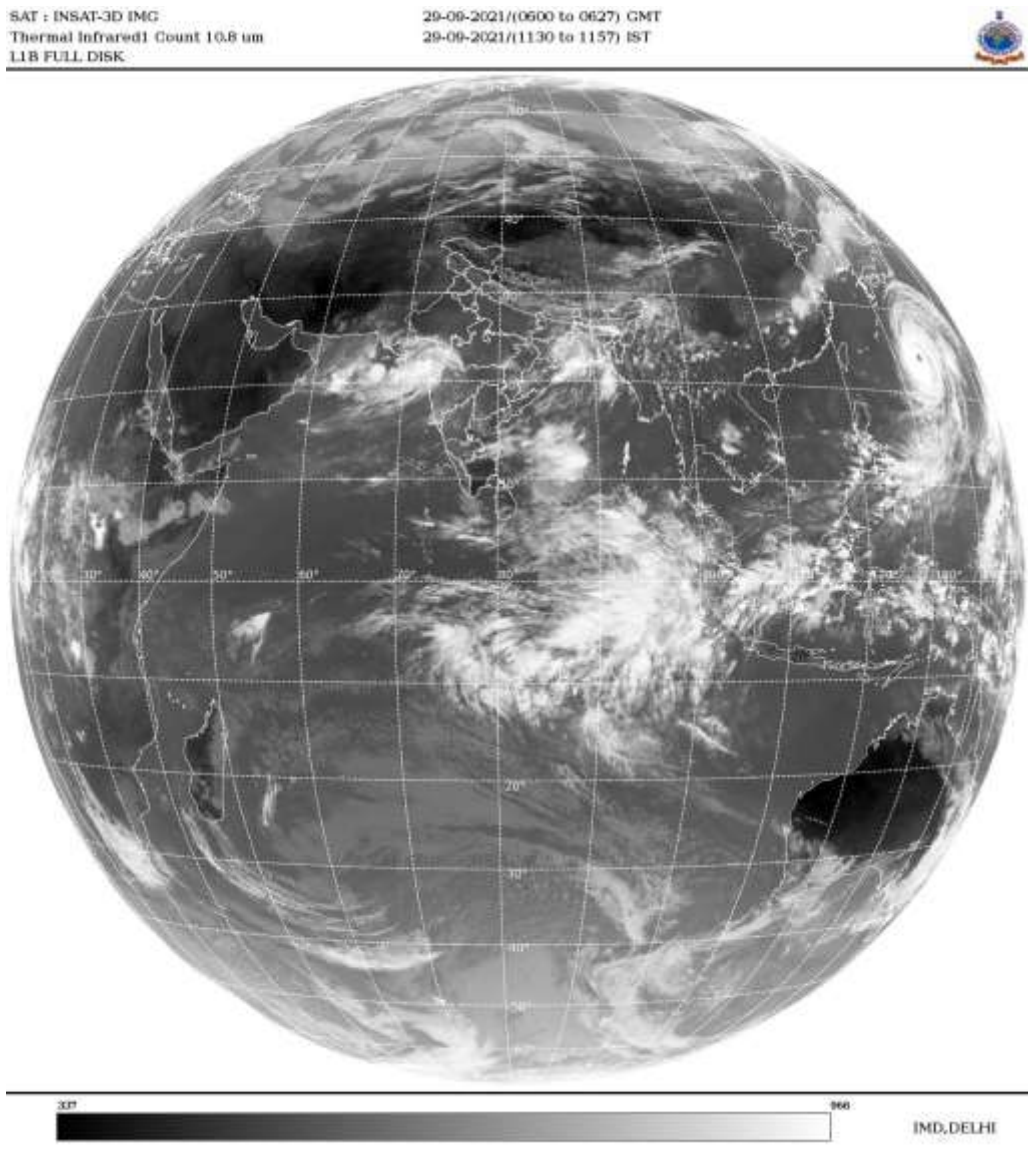
BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONV TN OVER GULF OF CAMBAY NE
ADJ EC ARSEA (MINIMUM CTT MINUS 80 DEG C) (.)

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER NW ARSEA REST EC & SE ARSEA COMORIN (.)

BAY OF BENGAL & ANDAMAN SEA:-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRI LANKA MALDIVES EXT S PAK E TIBET CHINA N MYANMAR CAMBODIA SUMATRA STR OF MALACCA BORNEO ADJ SOUTH CHINA SEA CELEBES ILS PHILIPPINES YELLOW SEA AND OVER THE INDIAN OCEAN BET LAT 5.0N TO 18.0S LONG 73.0E TO 100.0E (.)

TOO 29/01235EF=

NNNN

LEGEND:-

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