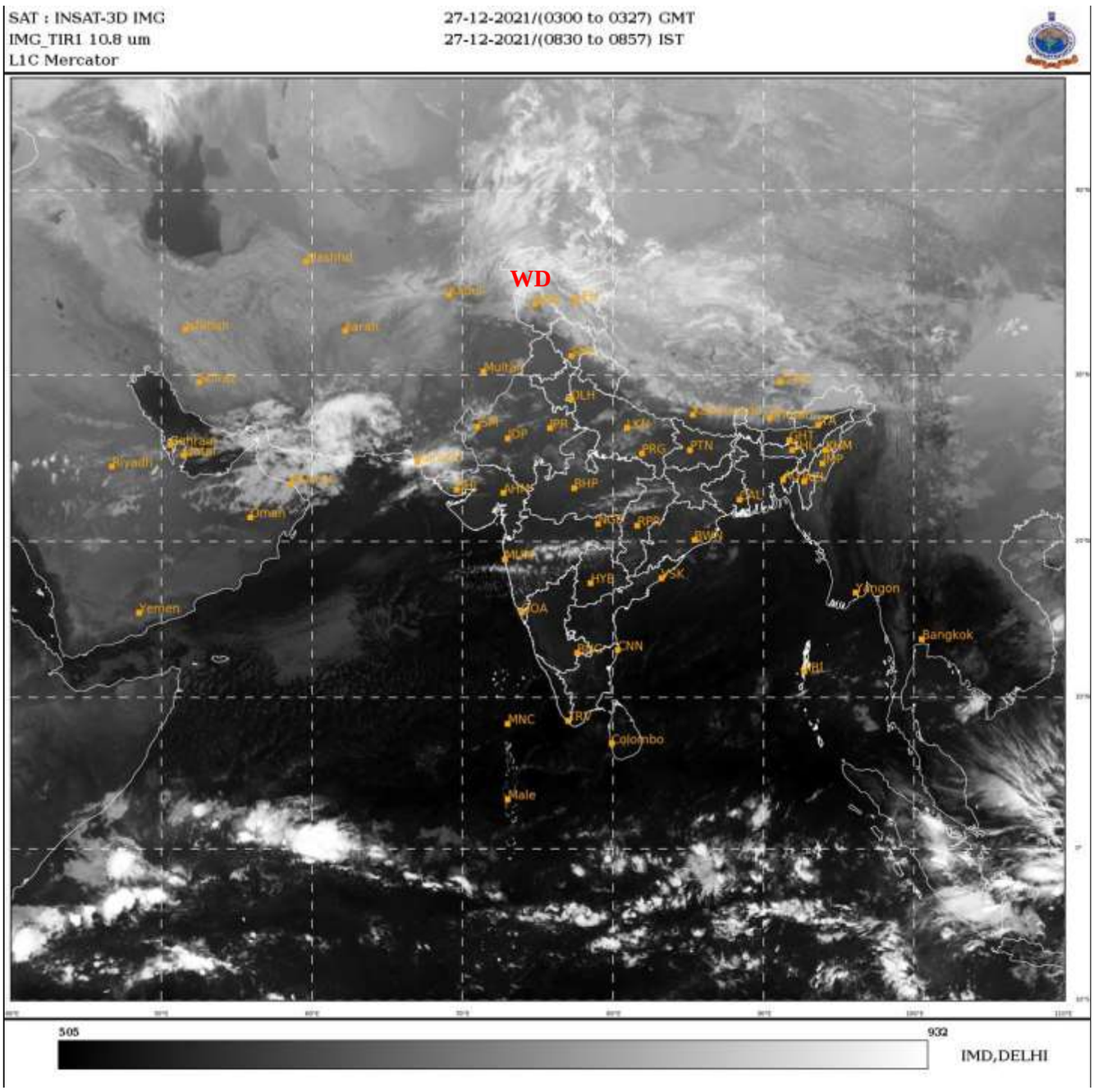
भारत मौसम विज्ञान विभाग
पृथ्वी विज्ञान मंत्रालय
India Meteorological Department
Ministry of Earth Sciences

SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS

27.12.2021 TIME 0300 UTC



TCIN50 DEMS 270300
SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 270300 UTC (.)
REGION COVERED BETWEEN LAT 50.0ºN TO 30.0ºS AND LONG 40.0ºE TO 125.0ºE (.)

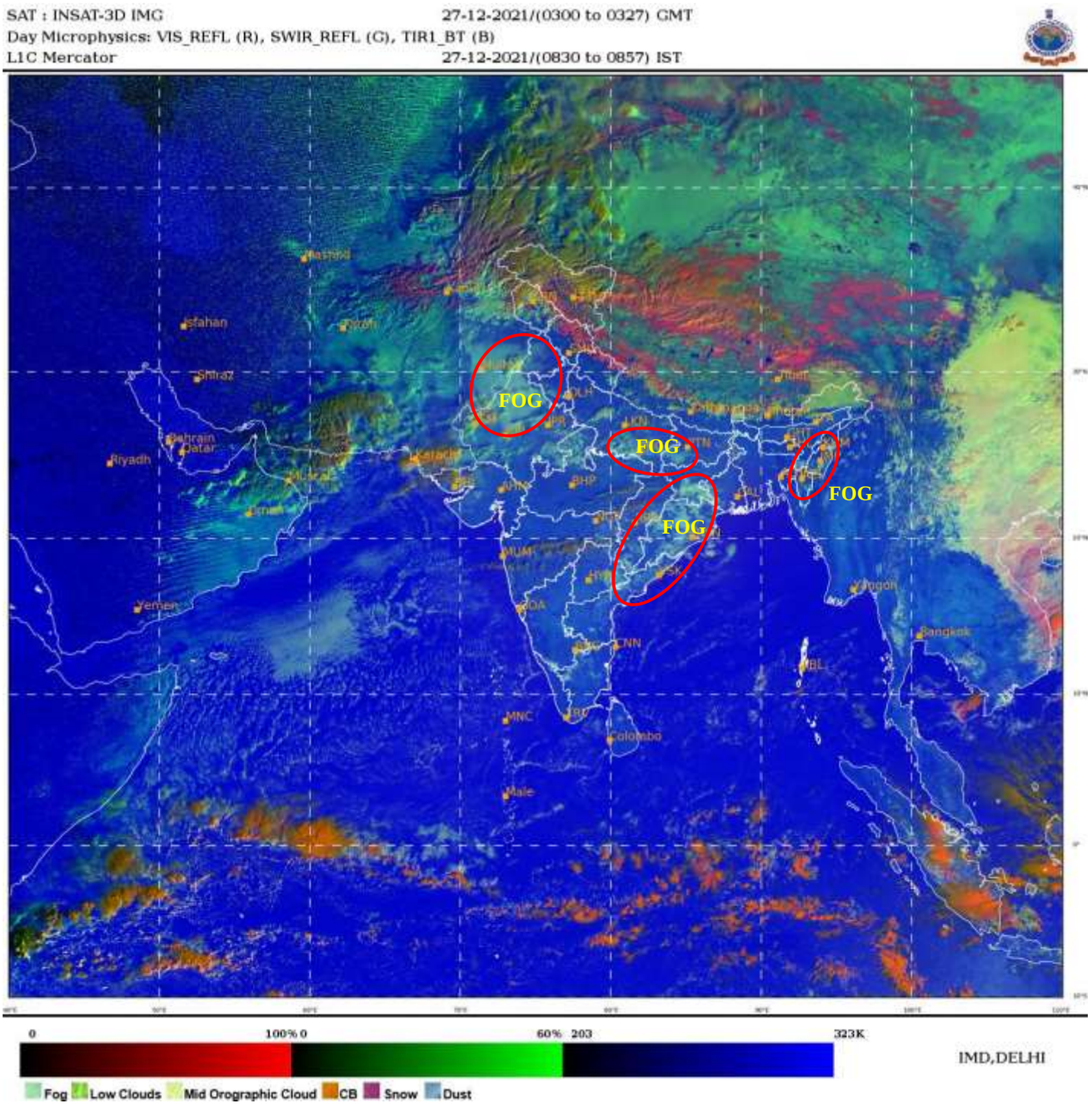
SALIENT FEATURES:-

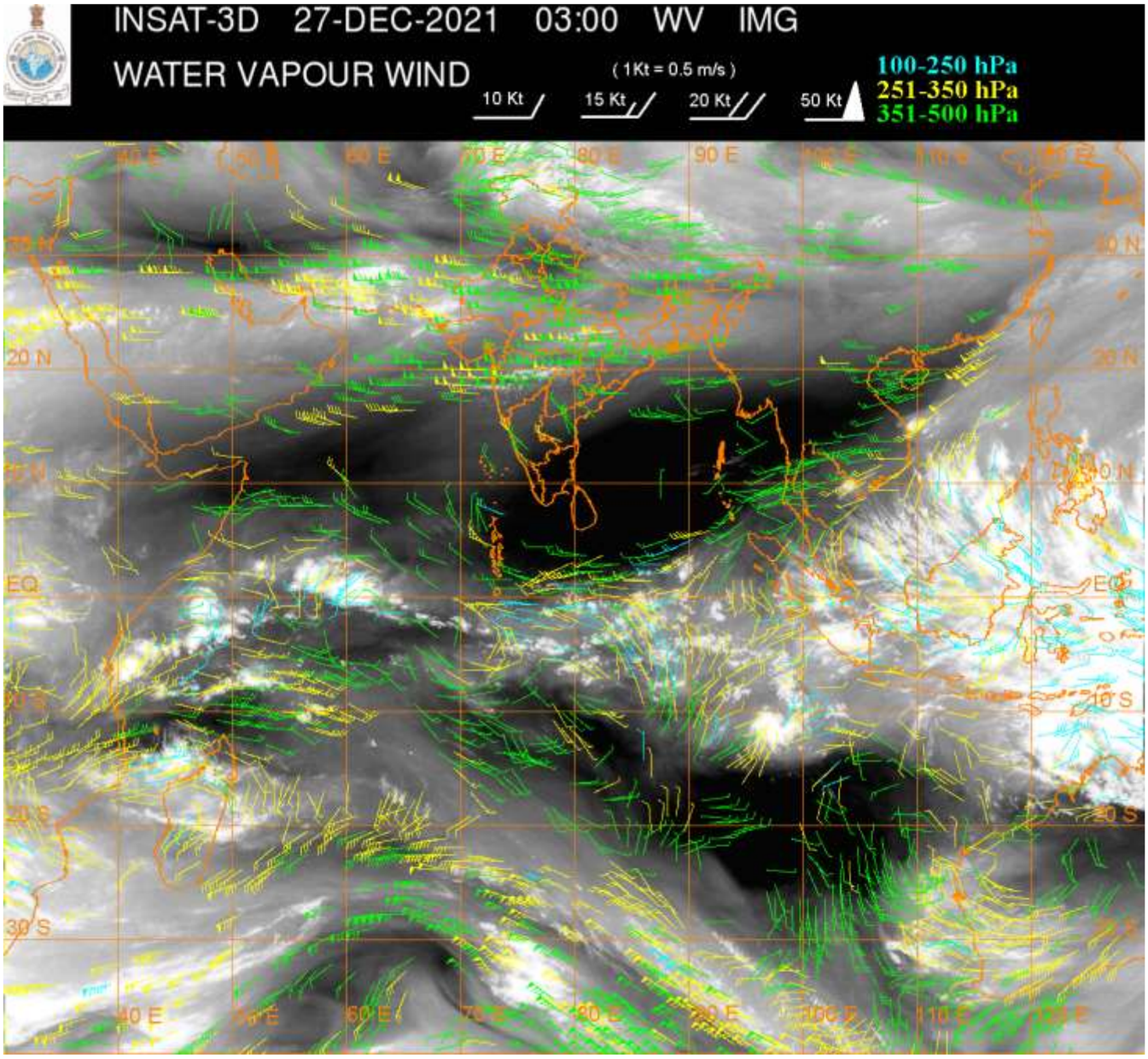
WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER N PAK J&K LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

FOG/LOW CLOUDS :-

DAY MICROPHYSICS PRODUCT OF INSAT-3D AT 0300 UTC INDICATES SCT FOG/LOW CLOUDS OVER EC PAK PJB NW RAJ SE UP ADJ SW BHR S JHRKND ADJ SW GWB ORS S CHTGH NORTH COTL AP E TLNGN EXTREME S ASSAM S NAGA MANI MIZO (.)





CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH:-

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

EAST:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER N CHTGH SKM ARUPR (.) ISOL TO SCT LOW/MED CLOUDS OVER E BHR N JHRKND REST GWB SHWB REST NE STATES (.)

WEST:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER W RAJ NW GUJ SE MP S VID MRTHWD CENTRAL MADHYA MAHA CENTRAL KKN (.) SCT LOW/MED CLOUDS OVER EAST RAJ N MP REST MAHA (.)

SOUTH:-

SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER EXTREME N TLNGN (.) SCT CLOUDS OVER REST TLNGN E RYLSM S COTL AP COTL KRNTK S SIK N KER N TN LKSDP ANDAMAN AND NICOBAR ILS (.)

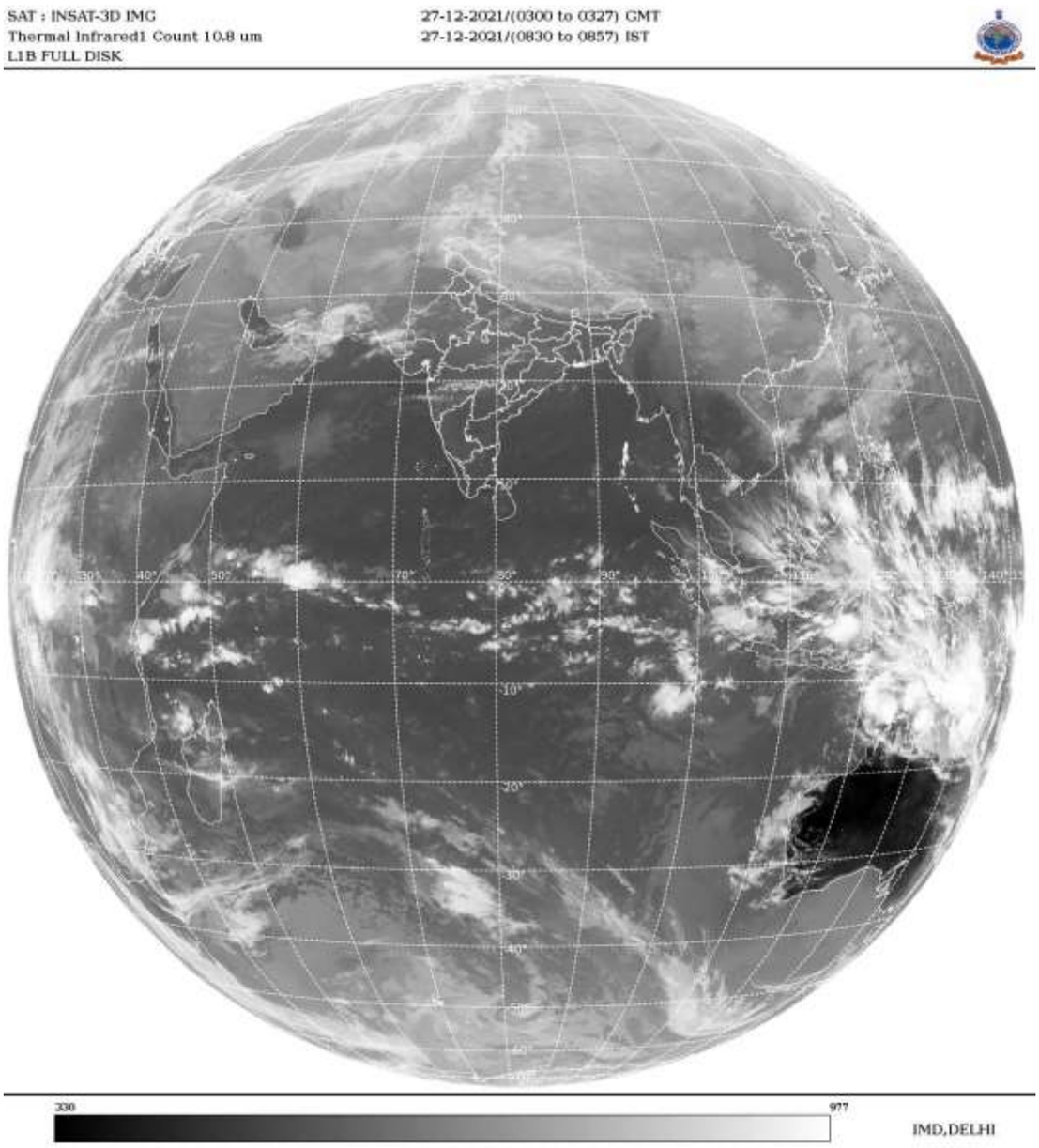
ARABIAN SEA:-

SCT LOW/MED CLOUDS WITH EMBDD WK TO MOD CONVTN OVER MAKARAN COAST ADJ NORTH ARSEA (.)

BAY OF BENGAL & ANDAMAN SEA:-

NO SIGNIFICANT CLOUDS OVER THE REGION (.)

CLOUDS DESCRIPTION OUTSIDE INDIA:-



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER PAK TIBET ADJ CHINA SUMATRA STR OF MALACCA SOUTH CHINA SEA BORNEO JAVA ILS & SEA CELEBES ILS & SEA PHILIPPINES N MADAGASCAR N MOZAMBIQUE CHANNEL AND OVER INDIAN OCEAN BET LAT 3.0N TO 13.0S LONG 40.0E TO 100.0E (.)

TOO 27/0950EF=

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**