



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

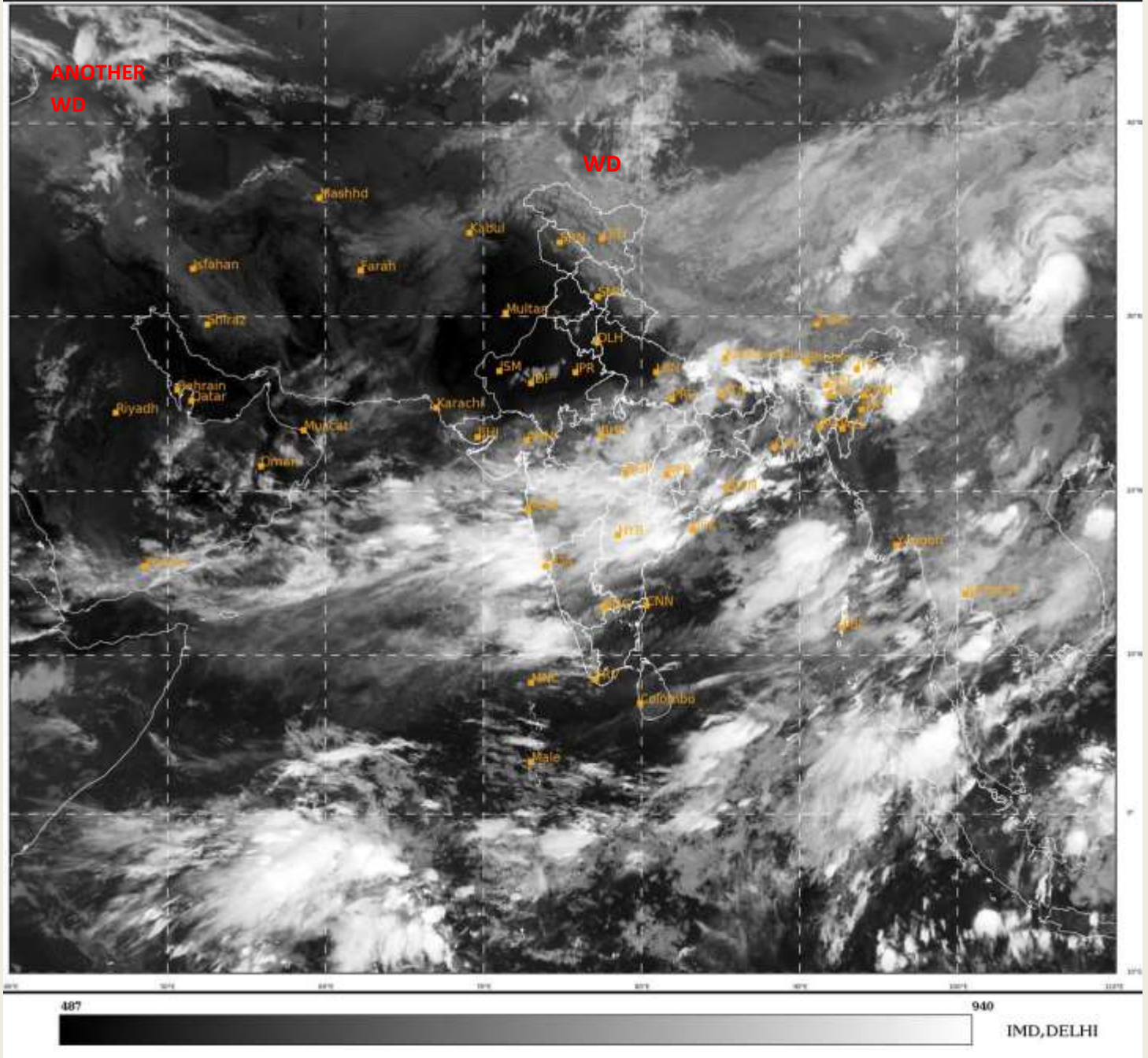


**SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES
AND PRODUCTS**

15.06.2020 TIME 2100 UTC

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

15-06-2020/(2100 to 2126) GMT
16-06-2020/(0230 to 0256) IST



TCIN50 DEMS 152100

SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 152100 UTC (.)

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

SALIENT FEATURES:-

WESTERN DISTURBANCE (WD) :-

SCT MULTILAYERED CLOUDS OVER EXT N PAK J&K HP UTRKND NEPAL TIBET ADJ CHINA
IN ASSW **WD** OVER THE AREA (.)

SCT MULTILAYERED CLOUDS OVER N CASPIAN SEA AND N/HOOD IN ASSW **ANOTHER WD**
OVER THE AREA (.)



INSAT-3D 15-JUN-2020 21:00 WV IMG

WATER VAPOUR WIND

(1Kt = 0.5 m/s)

10 Kt

15 Kt

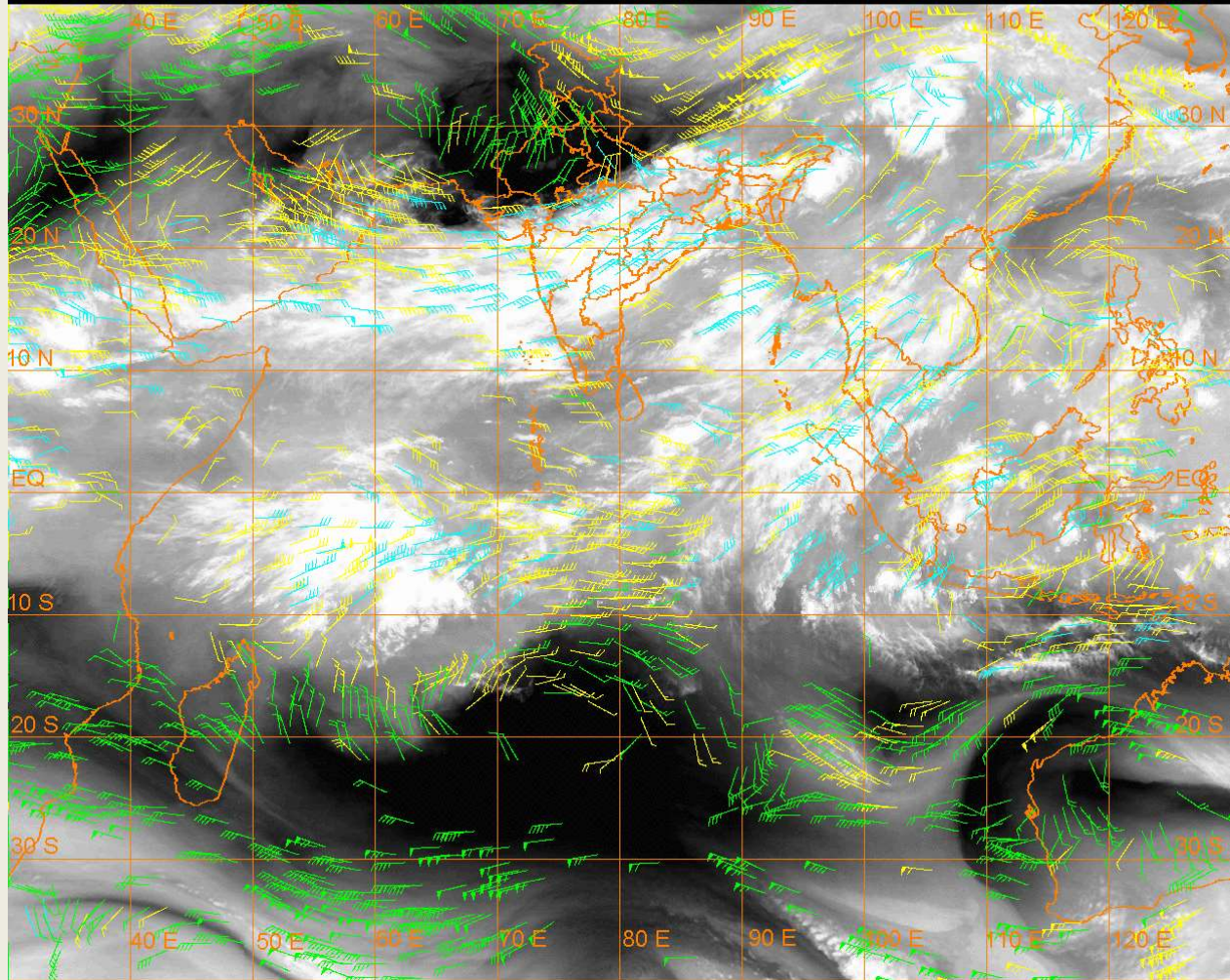
20 Kt

50 Kt

100-250 hPa

251-350 hPa

351-500 hPa



CLOUDS DESCRIPTION WITHIN INDIA:-

NORTH :-

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EXT NE UP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SE UP (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER J&K N HP UTRKND S UP (.) ISOL TO SCT LOW/MED CLOUDS OVER S PJB N HARY (.)

EAST :-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER S CHTGH C ORS ASSAM N BHR SHWB (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER EXT S ORS REST CHTGH MEGHA SW ARUPR (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST BHR REST ORS JHRKND GWB SKM REST NE STATES (.)

WEST :-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER KKN GOA EXT SW MP (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER E MP MAHA VID (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER REST MP GUJ (.) SCT LOW/MED CLOUDS OVER C&SE RAJ (.)

SOUTH :-

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

ARABIAN SEA :-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER CE ARSEA (.)
 SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER CW ARSEA LKSDP
 &N/HOOD (.)

BAY OF BENGAL & ANDAMAN SEA :-

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

CLOUDS DESCRIPTION OUTSIDE INDIA:-

SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER TIBET CHINA
 MYANMAR SUMATRA STR OF MALACCA MALAY PENINSULA THAILAND GULF OF
 THAILAND CAMBODIA LAOS VIETNAM S CHINA SEA BORNEO JAVA ILS CELEBES ILS &
 SEA PHILIPPINES E CHINA SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 14.0S LONG
 45.0E TO 97.0E (.)

TOO 16/0330EF=

NNNN

LEGEND:-

REGION	NORTH	J&K HP PJB HARY DLH UP UTRKND
	EAST	BHR JHRKND CHTGH ORS WB SKMNE 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%)
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-DIVISION, STATES, & UTS	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
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
	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
WB	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