

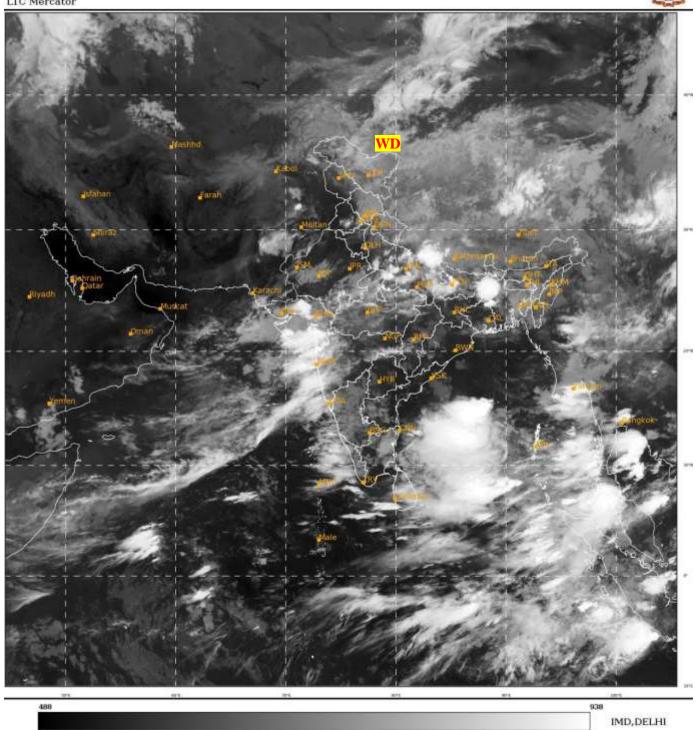
# भारत मौसम विज्ञान विभाग पृथ्वी विज्ञान मंत्रालय India Meteorological Department Ministry of Earth Sciences



# SATELLITE BULLETIN BASED ON SATELLITE IMAGERIES AND PRODUCTS 01.07.2023 TIME 0000 UTC

SAT : INSAT-3D IMG IMG\_TIR1 10.8 um L1C Mercator 01-07-2023/(0000 to 0026) GMT 01-07-2023/(0530 to 0556) IST





TCIN50 DEMS 010000 SATELLITE BULLETIN BASED ON INSAT-3D PIC OF 010000 UTC (.) REGION COVERED BETWEEN LAT 50.0°N TO 35.0°S AND LONG 40.0°E TO 125.0°E (.)

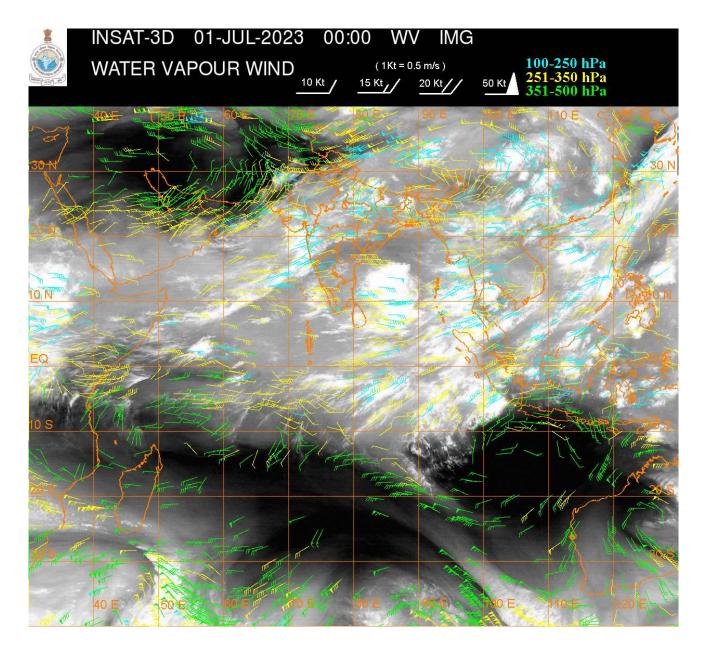
## **SALIENT FEATURES:-**

# WESTERN DISTURBANCE (WD):-

SCT MULTILAYERED CLOUDS OVER LADAKH TIBET ADJ CHINA IN ASSW WD OVER THE AREA (.)

# THUNDERSTORM / CONVECTIVE ACTIVITY:-

INTENSE THUNDERSTORM / CONVECTIVE ACTIVITY OBSERVED OVER GUJ UP BHR SHWB (.)



#### **CLOUDS DESCRIPTION WITHIN INDIA:-**

# **NORTH:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER E UP (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD ISOL WK TO MOD CONVTN OVER LADAKH J&K HP UTRKND S PJB N HARY (.) SCT LOW/MED CLOUDS OVER N PJB S HARY DLH (.)

## EAST:-

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER BHR SHWB ADJ NW BD (MINIMUM CTT MINUS 93 DEG CEL) (.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER NE JHRKND N GWB AND ISOL WK TO MOD CONVTN OVER CHTGH W ORS NW JHRKND S GWB SKM REST NE STATES (.) SCT LOW/MED CLOUDS OVER S JHRKND E ORS (.)

## **WEST:-**

SCT LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER GUJ (MINIMUM CTT MINUS 80 DEG CEL) (.) SCT TO BKN LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER N MP MADHYA MAHA KKN GOA AND WK TO MOD CONVTN OVER RAJ S MP REST MAHA (.)

#### **SOUTH:-**

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

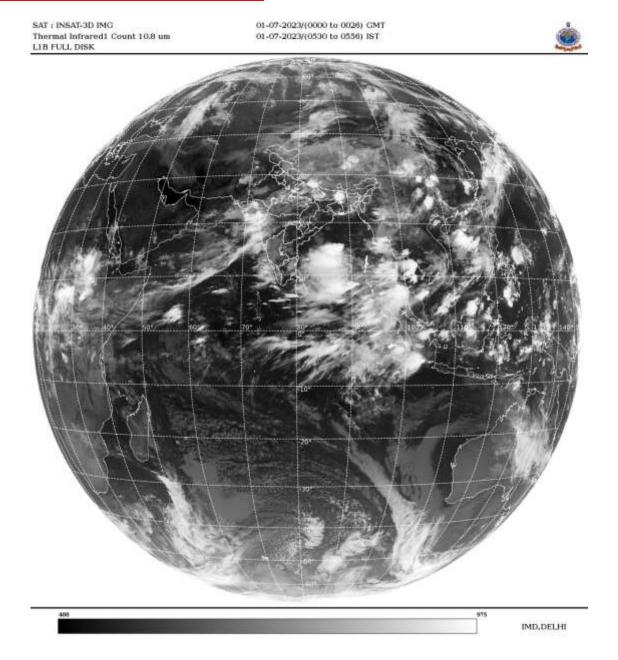
### **ARABIAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER EC ARSEA OFF MAHA COAST & GULF OF CAMBAY (,.) SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER REST ARSEA (.)

#### **BAY OF BENGAL & ANDAMAN SEA:-**

SCT TO BKN LOW/MED CLOUDS WITH EMBDD INT TO V INT CONVTN OVER SOUTH AND CENTRAL BAY ANDAMAN SEA & GULF OF MARTABAN (.)

## **CLOUDS DESCRIPTION OUTSIDE INDIA:-**



SCT LOW/MED CLOUDS WITH EMBDD MOD TO INT CONVTN OVER SRILANKA MALDIVES PAK NEPAL TIBET CHINA MYANMAR THAILAND GULF OF THAILAND CAMBODIA LAOS VIETNAM SUMATRA STR OF MALACCA MALAYSIA BORNEO SOUTH CHINA SEA CELEBES ILS & SEA PHILIPPINES TAIWAN EAST CHINA SEA AND OVER INDIAN OCEAN BET LAT 5.0N TO 12.0S LONG 55.0E TO 105.0E (.)

**TOO 01/0640 HRS IST=** 

NNNN

#### **LEGEND:-**

	NORTH	J&K HP PJB HARY DLH UP UTRKND
REGION	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

		ISOL	ISOLATED (LESS THAN 25%)
SLD SOLID (GREATER THAN 75%)  CLOUDS TOP TEMPERATURE  WK CONVEN CLOUD TOP TEMPERATURE  WK CONVEN CONVECTION (CIT BETWEEN - 25 °C C 10 - 40 °C) °C) °C C 10 °C C		SCT	SCATTERED (25 TO 50%)
CLOUDS TOP TEMPERATURE  WK CONVTN  WEAK CONVECTION  (CTT GREATER THAN -25 IC)  MOD CONVTN MODERATE CONVECTION (CTT GREATER THAN -25 IC)  INT CONVTN MODERATE CONVECTION (CTT GREATER THAN -25 IC)  INT CONVTN INTENSE CONVECTION (CTT LESS THAN -70 IC)  WEAK CONVECTION (CTT LESS THAN -70 IC)  METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERRITORIES  ARUPR ARUNACHAL PRADESH  BHR BIHAR  CHTGH CHHATTISGARH  COTL AP COASTAL ANDHRA PRADESH  COTL KRNIK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT  GWB GANGETIC WEST BENGAL  HARY HARYANA  DLH DELHI  HP HIMACHAL PRADESH  JÆK JAMMU AND KASHMIR  JHRKND JHARKHAND  KER KERALA  KKN KONKAN  LKSDP LAKSHADWEEP  M MAHA MAHARASHTRA  MANI MANIPUR  MEGHA MEGHALAYA  MIZO MIZORAM  MP MADHYA PRADESH  NK NORTH COASTAL ANDHRA  PRADESH  NK ORS ORISSA  PJB PUNJAB  RAJ  RAJASTHAN  RYLSM RAYALASEEMA  SAU & KUTCH  SHWB SUB-HIMALAYAN WEST BENGAL	CLOUD DISTRIBUTION	BKN	BROKEN (51 TO 75%)
TEMPERATURE  WK CONVIN  WEAK CONVECTION  (CTT GREATER THAN -25□C)  MOD CONVIN  MODERATE CONVECTION  (CTT BETWEEN -25□C TO -40□C)  INT CONVIN  INTENSE CONVECTION  (CTT BETWEEN -41□C TO -70□C)  VINT CONVIN  METEOROLOGICAL  SUB- DIVISIONS, STATES & UNION  TERITORIES  ARUPR  ARUNACHAL PRADESH  BHR  CHTGH  CHHATTISGARH  COTL AP  COASTAL ANDHRA PRADESH  COTL AP  COASTAL ORISSA  GUJ  GUJARAT  GWB  GANGETIC WEST BENGAL  HARY  HARYANA  DLH  BELHI  HP  HIMACHAL PRADESH  J&K  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHARASHTRA  MANI  MANI  MANI  MEGHA  MANI  MANIPUR  MEGHA  MEGHALAYA  MIZO  MIZORAM  MP  MADHYA PRADESH  MRTHWD  NAGA  NAGALAND  N COTL AP  NORTH COASTAL ANDHRA  PRADESH  MRTHWD  NAGA  NAGALAND  N COTL AP  NORTH COASTAL ANDHRA  PRADESH  NIK  NORTH INTERIOR KARNATAKA  ORS  ORISSA  PJB  PUNJAB  RAJ  RAJ  RAJASSTHAN  RYLSM  RAYALASEEMA  SAU & KUTCH  SHWB  SUB-HIMALAYAN WEST BENGAL		SLD	SOLID (GREATER THAN 75%)
WK CONVIN (CTT GREATER THAN -25□C) MOD CONVIN (CTT GREATER THAN -25□C) MOD CONVIN (CTT BETWEEN -25□C TO -40□C) INT CONVIN INFENSE CONVECTION (CTT BETWEEN -25□C TO -40□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) V INT CONVIN VERY INTENSE CONVECTION (CTT LESS THAN -70□C) COTL LESS THAN -70□C) COTL ARTHER BIHAR CHIGH CHHATTISGARH COTL AP COASTAL KARNATAKA COTL ORS COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH DELHI HP HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MAHARASHTRA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND N COTL AP NOETH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH		CTT	CLOUD TOP TEMPERATURE
MOD CONVITY  MOD CONVITY  INT CONVITY  INT CONVITY  INTENSE CONVECTION  (CIT BETWEEN -4512C TO -4012C)  INT CONVITY  VINT CONVITY  VINT CONVITY  WERY INTENSE CONVECTION  (CIT LESS THAN -7011C)  ARUPR  ARUNACHAL PRADESH  BHR  BHAR  CHIGH  CHHATTISGARH  COTL AP  COASTAL ANDHRA PRADESH  COTL KRNTK  COASTAL ANDHRA PRADESH  COTL AP  COASTAL ANDHRA PRADESH  COTL AP  GARGETIC WEST BENGAL  HARY  HARYANA  DLH  DELHI  HP  HIMACHAL PRADESH  J&K  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHARASHTRA  MANI  MANI  MANIPUR  MEGHA  MEGHALAYA  MIZO  MIZORAM  MP  MADHYA PRADESH  MRTHWD  MRACHALPRADESH  MRTHWD  MARATHWADA  NAGA  NAGALAND  N COTL AP  NORTH COASTAL ANDHRA  PRADESH  NIK  NORTH INTERIOR KARNATAKA  ORS  ORISSA  PJB  PUNJAB  RAJ  RAJ  RAJASTHAN  RYLSM  RAYALASEEMA  SAU & KUTCH  SHWB  SUB-HIMALAYAN WEST BENGAL	TEMPERATURE	WK CONVTN	
INT CONVTN   INTENSE CONVECTION   CUTT BETWEEN -41 □C TO -70 □C)   VINT CONVTN   VERY INTENSE CONVECTION   CUTT LESS THAN -70 □C)   ARUPR   ARUNACHAL PRADESH   SUB-DIVISIONS, STATES & UNION   TERITORIES    COTL AP   COASTAL ANDHRA PRADESH   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   JÆK   JAMMU AND KASHMIR   JHRKND   JHARKHAND   KER   KERALA   KKN   KONKAN   LKSDP   LAKSHADWEEP   M MAHA   MAHARASHTRA   MAHA   MAHARASHTRA   MAHA   MAHARASHTRA   MANI   MANIPUR   MEGHA   MEGHALAYA   MIZO   MIZORAM   MP   MADHYA PRADESH   MRTHWD   MARATHWADA   NAGA   NAGALAND   N COTL AP   NORTH COASTAL ANDHRA   NIK   NORTH INTERIOR KARNATAKA   ORS   ORISSA   PIB   PUNJAB   RAJ   RAJASTHAN   RYLSM   RAYALASEEMA   SAU & KUTCH   SHWB   SUB-HIMALAYAN WEST BENGAL	CONVECTION	MOD CONVTN	
METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES  ARUPR ARUNACHAL PRADESH  BHR BHAR COTL AP COASTAL ANDHRA PRADESH  COTL AP COASTAL COASTAL KARNATAKA COTL ORS GUJ GUJARAT GWB GANGETIC WEST BENGAL  HARY HARYANA DLH HP HIMACHAL PRADESH  JÆK JAMMU AND KASHMIR JHRKND JHARKHAND  KER KERALA KKN KONKAN LKSDP LAKSHADWEEP  M MAHA 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 SHWB SUB-HIMALAYAN WEST BENGAL		INT CONVTN	
METEOROLOGICAL SUB-DIVISIONS, STATES & UNION TERITORIES  ARUPR ARUNACHAL PRADESH  BHR BIHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH  COTL KRNTK COASTAL GRISSA 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 MMAHA MAHARASHTRA MANI MANIPUR MEGHA MEGHALAYA MIZO MIZORAM MP MADHYA PRADESH MRTHWD MARATHWADA NAGA NAGALAND NCOTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORS ORISSA PJB PUNJAB RAJ RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL			(CTT BETWEEN -41□C TO -70□C)
METEOROLOGICAL SUB- DIVISIONS, STATES & UNION TERITORIES  ARUPR ARUNACHAL PRADESH BHR BHAR CHTGH CHHATTISGARH COTL AP COASTAL ANDHRA PRADESH COTL KRNTK COASTAL KARNATAKA COTL ORS COASTAL ORISSA GUJ GUJARAT GWB GANGETIC WEST BENGAL HARY HARYANA DLH HP HIMACHAL PRADESH JÆK JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MADHYA MAHARASHTRA MAHA MANI 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 SHWB SUB-HIMALAYAN WEST BENGAL		V INT CONVTN	
STATES & UNION TERITORIES  CHTGH CHATTISGARH  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		ARUPR	ARUNACHAL PRADESH
TERITORIES  COTL AP  COASTAL ANDHRA PRADESH  COTL KRNTK  COASTAL KARNATAKA  COTL ORS  COASTAL ORISSA  GUJ  GUJARAT  GWB  GANGETIC WEST BENGAL  HARY  HARYANA  DLH  HP  HIMACHAL PRADESH  J&K  JAMMU AND KASHMIR  JHRKND  JHARKHAND  KER  KERALA  KKN  KONKAN  LKSDP  LAKSHADWEEP  M MAHA  MAHA  MAHARASHTRA  MANI  MANI  MEGHA  MIZO  MIZORAM  MP  MADHYA PRADESH  MRTHWD  NAGA  NAGALAND  N COTL AP  NORTH COASTAL ANDHRA  PRADESH  NIK  NORTH INTERIOR KARNATAKA  ORS  ORISSA  PJB  PUNJAB  RAJ  RAJASTHAN  RYLSM  RAYALASEEMA  SAU & KUTCH  SHWB  SUB-HIMALAYAN WEST BENGAL	•	BHR	BIHAR
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 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 SHWB SUB-HIMALAYAN WEST BENGAL		CHTGH	CHHATTISGARH
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 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 SHWB SUB-HIMALAYAN WEST BENGAL		COTL AP	COASTAL ANDHRA PRADESH
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HARY DLH DELHI HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA 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 SHWB SUB-HIMALAYAN WEST BENGAL		GUJ	GUJARAT
DLH HP HIMACHAL PRADESH J&K JAMMU AND KASHMIR JHRKND JHARKHAND KER KERALA KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHARASHTRA MANI MANI 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 SHWB SUB-HIMALAYAN WEST BENGAL		GWB	GANGETIC WEST BENGAL
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		HARY	HARYANA
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  SHWB SUB-HIMALAYAN WEST BENGAL		DLH	DELHI
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  SHWB SUB-HIMALAYAN WEST BENGAL		HP	HIMACHAL PRADESH
KER KKN KONKAN LKSDP LAKSHADWEEP M MAHA MAHA MAHA MAHARASHTRA MANI MANI 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 SHWB SUB-HIMALAYAN WEST BENGAL		J&K	JAMMU AND KASHMIR
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  SHWB SUB-HIMALAYAN WEST BENGAL		JHRKND	JHARKHAND
LKSDP LAKSHADWEEP  M MAHA MAHA MAHARASHTRA  MANI MANI 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 SHWB SUB-HIMALAYAN WEST BENGAL		KER	KERALA
M MAHA MAHA MAHARASHTRA MANI MANI MEGHA 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 SHWB SUB-HIMALAYAN WEST BENGAL		KKN	
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  SHWB SUB-HIMALAYAN WEST BENGAL		LKSDP	LAKSHADWEEP
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 SHWB SUB-HIMALAYAN WEST BENGAL			
MEGHA 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 SHWB SUB-HIMALAYAN WEST BENGAL			-
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 SHWB SUB-HIMALAYAN WEST BENGAL		MANI	MANIPUR
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		MEGHA	MEGHALAYA
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		MIZO	MIZORAM
NAGA NAGALAND  N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL			
N COTL AP NORTH COASTAL ANDHRA PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		MRTHWD	MARATHWADA
PRADESH NIK NORTH INTERIOR KARNATAKA ORS ORISSA PJB PUNJAB RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		NAGA	NAGALAND
NIK NORTH INTERIOR KARNATAKA  ORS ORISSA  PJB PUNJAB  RAJ RAJASTHAN  RYLSM RAYALASEEMA  SAU & KUTCH SAURASHTRA & KUTCH  SHWB SUB-HIMALAYAN WEST BENGAL		N COTL AP	NORTH COASTAL ANDHRA
PJB PUNJAB  RAJ RAJASTHAN  RYLSM RAYALASEEMA  SAU & KUTCH SAURASHTRA & KUTCH  SHWB SUB-HIMALAYAN WEST BENGAL		NIK	
RAJ RAJASTHAN RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		ORS	ORISSA
RYLSM RAYALASEEMA SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		PJB	PUNJAB
SAU & KUTCH SAURASHTRA & KUTCH SHWB SUB-HIMALAYAN WEST BENGAL		RAJ	RAJASTHAN
SHWB SUB-HIMALAYAN WEST BENGAL		RYLSM	RAYALASEEMA
		SAU & KUTCH	SAURASHTRA & KUTCH
		SHWB	SUB-HIMALAYAN WEST BENGAL
SIK SOUTH INTERIOR KARNATAKA		SIK	SOUTH INTERIOR KARNATAKA
SKM SIKKIM		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