



REGIONAL SPECIALISED METEOROLOGICAL CENTRE -TROPICAL CYCLONES, NEW DELHI
SPECIAL TROPICAL WEATHER OUTLOOK

DEMS-RSMC TROPICAL CYCLONES NEW DELHI DATED 06.07.2026

SPECIAL TROPICAL WEATHER OUTLOOK FOR THE NORTH INDIAN OCEAN (THE BAY OF BENGAL OF AND THE ARABIAN SEA) VALID FOR THE NEXT 168 HOURS ISSUED AT 1500 UTC OF 06.07.2026 BASED ON 1200 UTC OF 06.07.2026.

Sub: Depression over north Chhattisgarh and adjoining areas of southeast Uttar Pradesh and northeast Madhya Pradesh

The depression over south Jharkhand and adjoining north Chhattisgarh moved west-northwestwards with a speed of 32 kmph during past 6 hours, and lay centred at 1200 UTC of today, the 6th July 2026, over north Chhattisgarh and adjoining areas of southeast Uttar Pradesh and northeast Madhya Pradesh, near latitude 23.8°N and longitude 82.7°E, about 90 km northwest of Ambikapur (42693), 110 km southeast of Sidhi (42577), 190 km east of Umari (42679) and 210 km east-southeast of Satna (42571).

It is very likely to move nearly west-northwestwards across North Chhattisgarh & east Madhya Pradesh and weaken into a well marked low pressure area during next 24 hours.

The associated estimated central pressure is 992 hPa and maximum sustained wind speed is 20 kt gusting to 30 kt. Sidhi(42577) reported mean sea level pressure (MSLP) of 992.4 hPa & maximum sustained wind speed (MSW) of 90⁰/ 03 kt; Rewa (42574) reported MSLP of 994.0 hPa, MSW of 75⁰/ 10 kt; Ambikapur (42693) reported MSLP of 996.4 hPa. The pressure analysis shows filling in the system area.

As per INSAT-3D(S) imagery, scattered to broken low and medium clouds with embedded intense to very intense convection lay over Odisha, Jharkhand, Gangetic West Bengal, Coastal Andhra Pradesh, Telangana and Rayalaseema (minimum cloud top temperature -70⁰C to -90⁰C).

REMARKS:

The guidance from NCICS model indicates the prevalence of westerly wind anomaly (7-9 mps) along with Equatorial Rossby wave (ERW), Kelvin wave (KW) & MJO over central BoB & adjoining central India and easterly wind anomaly (5-7 mps) over eastern parts of India. Similar favourable features are indicated as the system moves west-northwestwards, indicating favourable environment for maintenance of intensity of the system during next 24 hours. The low level vorticity has decreased slightly and is about 80-100 X 10⁻⁶ s⁻¹ over North Odisha and adjoining Chhattisgarh and is extending upto 500 hPa level. The low level convergence is the same in past 3 hours and is around 10X10⁻⁶ s⁻¹ over north interior Odisha and adjoining Jharkhand. Upper level divergence is the same in past 3 hours and is around 10 X 10⁻⁶ s⁻¹ over the system area. Vertical wind shear of horizontal wind is low 05-10 kt over the system area and along the predicted path. The system is interacting with the positive vorticity zone over eastcentral Arabian Sea off North Maharashtra coast.

Cloud distribution: (a) Isolated: <25%, Scattered:25-50%, Broken: 51-75%, Solid:>75%, Convection Intensity: (a) Weak: Cloud Top Temperature(CTT)>-25°C, (b) Moderate: CTT:-25°Cto-40°C, (c) Intense: CTT: -41°Cto -70°C and (d) Very Intense::Less than -70°C Probability of cyclogenesis (formation of depression) :NIL:0%, LOW:1-33%, MODERATE:34-66% and HIGH:67-100%

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Guidance from numerical models:

ECMWF is indicating nearly west-northwestwards movement across Jharkhand & adjoining North Odisha and North Chhattisgarh with weakening trend till 7th midnight (1800 UTC). However, as it moves west-northwestwards subsequently, it is likely to re-intensify into a depression over central parts of Uttar Pradesh around 8th July morning. Model is further indicating gradual east-northeastwards re-curvature on 9th July. However, GFS group and NCUM are indicating gradual weakening of system during next 12 hours and west-northwestwards movement till 9th July.

Considering all the above the depression over north Chhattisgarh and adjoining areas of southeast Uttar Pradesh and northeast Madhya Pradesh is very likely to move nearly west-northwestwards across North Chhattisgarh & east Madhya Pradesh and weaken into a well marked low pressure area during next 24 hours.

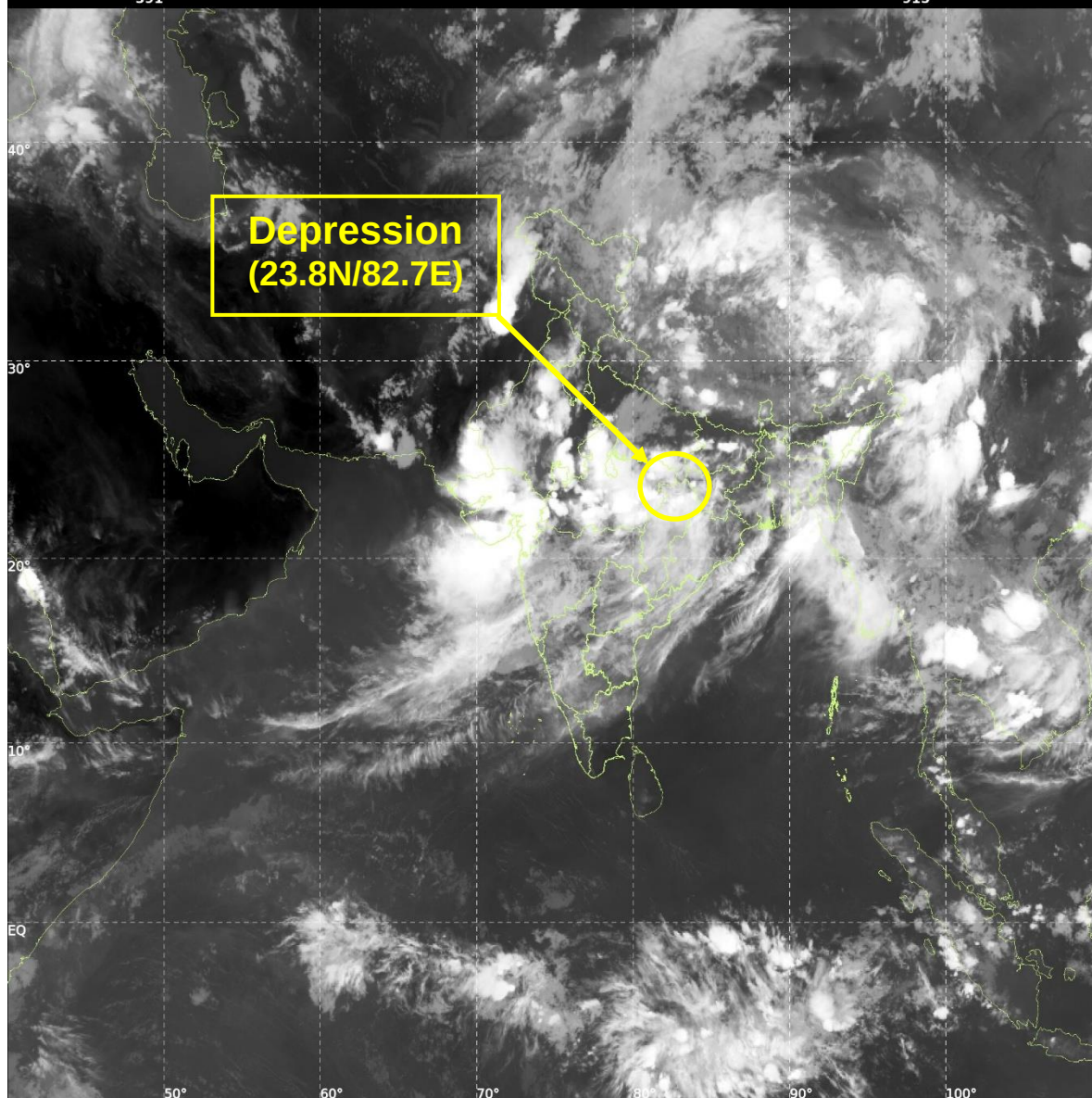
(Monica Sharma)
Scientist-E
RSMC New Delhi



INSAT-3DS IMG, Thermal Infrared1 Count @ 10.83 μm
GMT:06-07-2026/(1400-1427) IST:06-07-2026/(1930-1957)
L1C MERCATOR (LINEAR STRETCH: 1%)

391

915





OBSERVED AND FORECAST TRACK OF DEPRESSION NORTH CHHATTISGARH AND ADJOINING AREAS OF SOUTHEAST UTTAR PRADESH AND NORTHEAST MADHYA PRADESH BASED ON 1200 UTC (1730 Hrs. IST) OF 6TH JULY 2026



DATE/TIME IN UTC
 IST=UTC + 0530
 L: LOW PRESSURE AREA
 WML: WELL MARKED LOW PRESSURE AREA
 D: DEPRESSION (17-27 KT)
 DD: DEEP DEPRESSION (28-33 KT)
 CS: CYCLONIC STORM (34-47 KT)
 SCS: SEVERE CYCLONIC STORM (48-63 KT)
 VSCS: VERY SEVERE CYCLONIC STORM (64-89 KT)
 ESCS: EXTREMELY SEVERE CYCLONIC STORM (90-119 KT)
 SuCS: SUPER CYCLONIC STORM (≥ 120 KT)

● LESS THAN 34 KT
 ○ 34-47 KT
 ○ ≥ 48 KT
 — OBSERVED TRACK
 — FORECAST TRACK
 ▲ CONE OF UNCERTAINTY

Forecast distance (km) and direction of the centre from nearest 4 coastal stations

Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4
06.07.26/1200	0	23.8	82.7	AMBIKAPUR (90, NW)	SIDHI (110, SE)	UMARIA (190, E)	SATNA (210, ESE)

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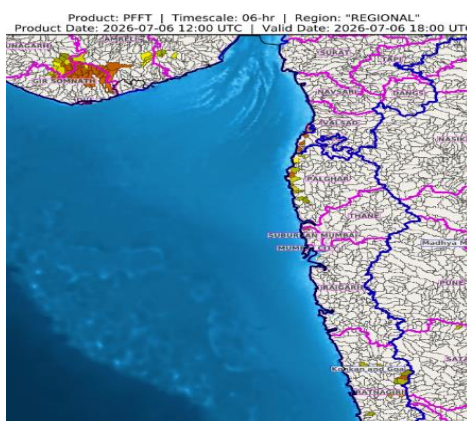
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Flash Flood Guidance

Persistent Flash Flood Threat (PFFT) till 2330 IST of 06-07-2026 :

Low to Moderate flash flood threat likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 6 hours.

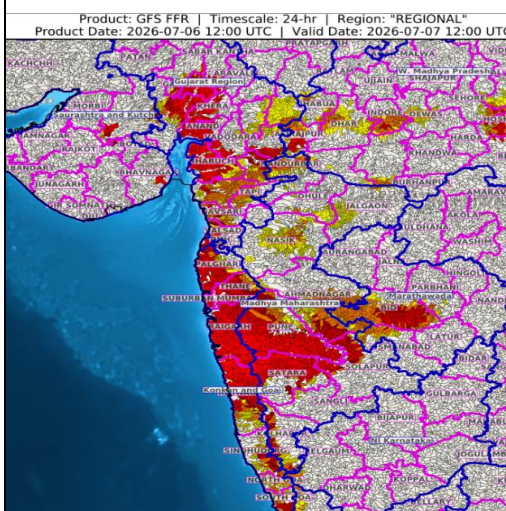
Gujarat Region - Valsad district.
Konkan & Goa - Palghar and Ratnagiri districts.
Saurashtra & Kutch - Amreli, Bhavnagar, Gir Somnath and Junagarh districts.



24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 07-07-2026 :

Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

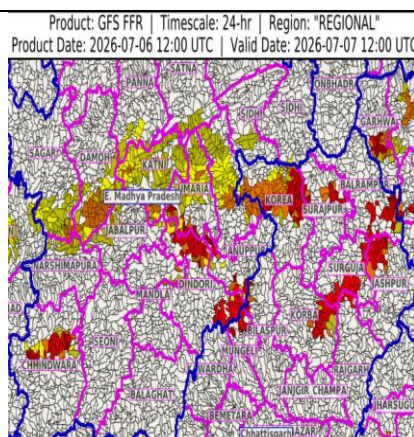
Gujarat Region - Dadar & Nagar Haveli, Daman, Ahmadabad, Anand, Bharuch, Chhota Udepur, Dahod, Gandhinagar, Khera, Mahesana, Narmada, Navsari, Panchmahal, Sabar Kantha, Surat, Tapi, Vadodara and Valsad districts.
Konkan & Goa - North Goa, South Goa, Mumbai City, Palghar, Raigarh, Ratnagiri, Sindhudurg, Suburban Mumbai and Thane districts.
Madhya Maharashtra - Ahmadnagar, Dhule, Jalgaon, Kolhapur, Nandurbar, Nasik, Pune and Satara districts.
Saurashtra & Kutch - Bhavnagar, Rajkot and Surendranagar districts.



24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 07-07-2026 :

Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Balarampur, Bilaspur, Jashpur, Korba, Korea, Surajpur and Surguja districts.
East Madhya Pradesh - Anuppur, Chhindwara, Damoh, Dindori, Jabalpur, Katni, Narshimapura, Panna, Sagar, Satna, Shahdol and Umaria districts.



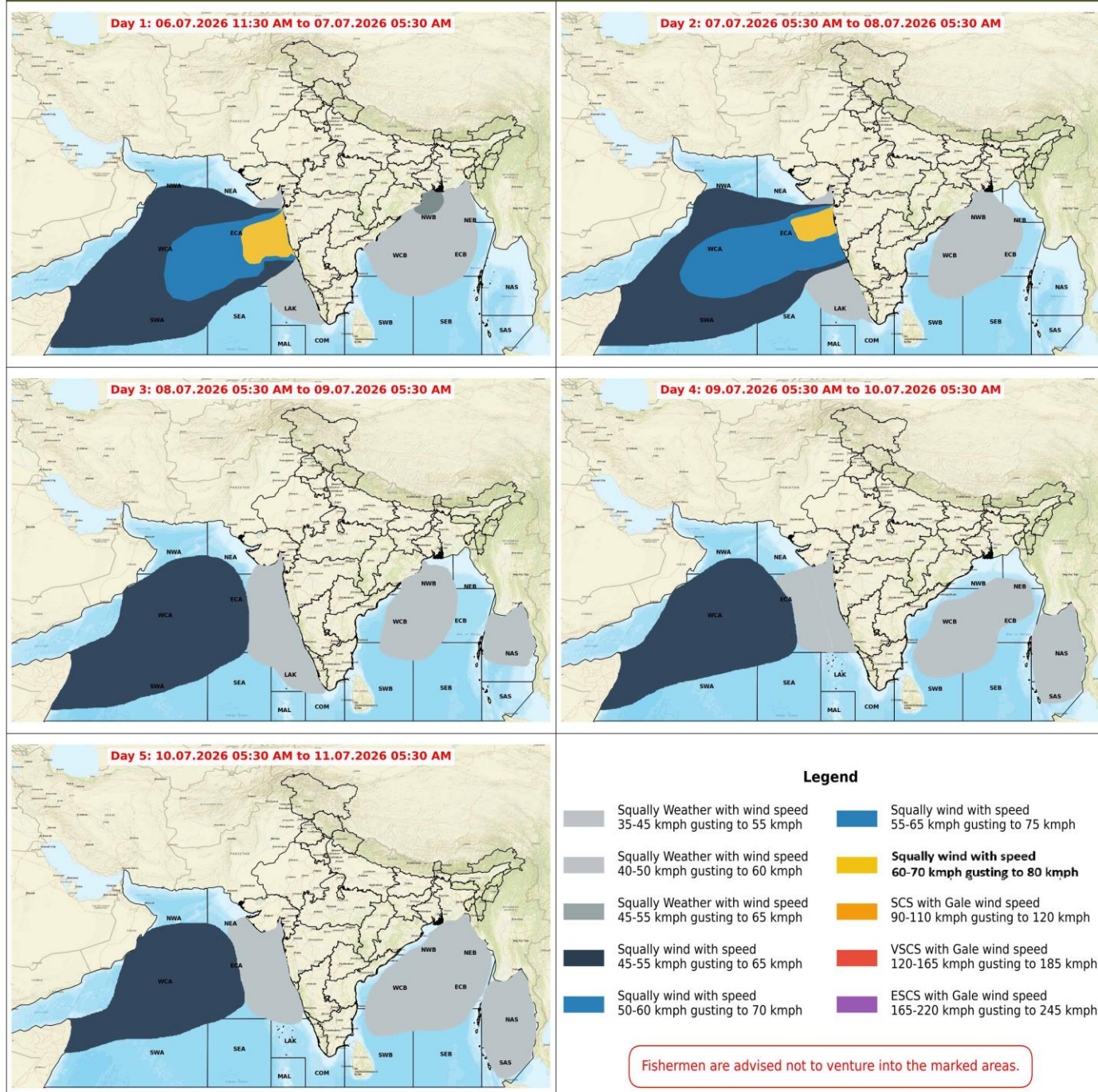
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

Flash Flood Threat	Flash Flood Risk
■ High Threat (Take Action)	■ High Risk (Take Action)
■ Moderate threat (Be Prepared)	■ Moderate Risk (Be Prepared)
■ Low Threat (Be Updated)	■ Low Risk (Be Updated)

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Fishermen Warning Graphics



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