



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 0300 UTC OF 06.07.2026 BASED ON 0000 UTC OF 06.07.2026.

Sub: Depression over south Jharkhand and adjoining north interior Odisha

The depression over North-interior Odisha & adjoining south Jharkhand moved northwestwards with a speed of 8 kmph during past 6 hours, and lay centred at 0000 UTC of today, the 6th July 2026, over south Jharkhand and adjoining north interior Odisha near latitude 22.4°N and longitude 85.7°E, close to southwest of Chaibasa (42795) and about 70 km southwest of Jamshedpur (42799), 110 km of south-southeast Ranchi (42701), and 170 km east-southeast of Jashpurnagar (42790).

It is very likely to move nearly northwestwards across Jharkhand & adjoining north Odisha and North Chhattisgarh during next 24 hours.

The associated estimated central pressure is 992 hPa and maximum sustained wind speed is 20 kt gusting to 30 kt. Jamshedpur (42901) reported mean sea level pressure (MSLP) of 992.8 hPa, maximum sustained wind speed (MSW) of 110⁰/ 02 kt & pressure change in past 24 hours (P24) of -0.6 hPa; Ranchi (42701) reported MSLP of 993.3 hPa, MSW of 50⁰/ 02 kt; P24 of -1.6 hPa; and Daltonganj (42587) reported MSLP of 994.4 hPa & P24 of -1.5 hPa.

As per INSAT-3D(S) imagery, intensity of the system is T1.5. 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 -70°C to -90°C).

REMARKS:

Ocean Heat content is 80-100 KJ/cm² over the northwest BoB. The low level vorticity is about 100-120 X 10⁻⁶ s⁻¹ over North Odisha and adjoining Chhattisgarh and is extending upto 500 hPa level. The low level convergence has decreased in past 6 hours and is around 20X10⁻⁶ s⁻¹ over north Odisha. Upper level divergence has increased in past 6 hours and is around 20 X 10⁻⁶ s⁻¹ over North Odisha. Vertical wind shear of horizontal wind is low 05-10 kt over the system area and along the predicted path. 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 48 hours.

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:

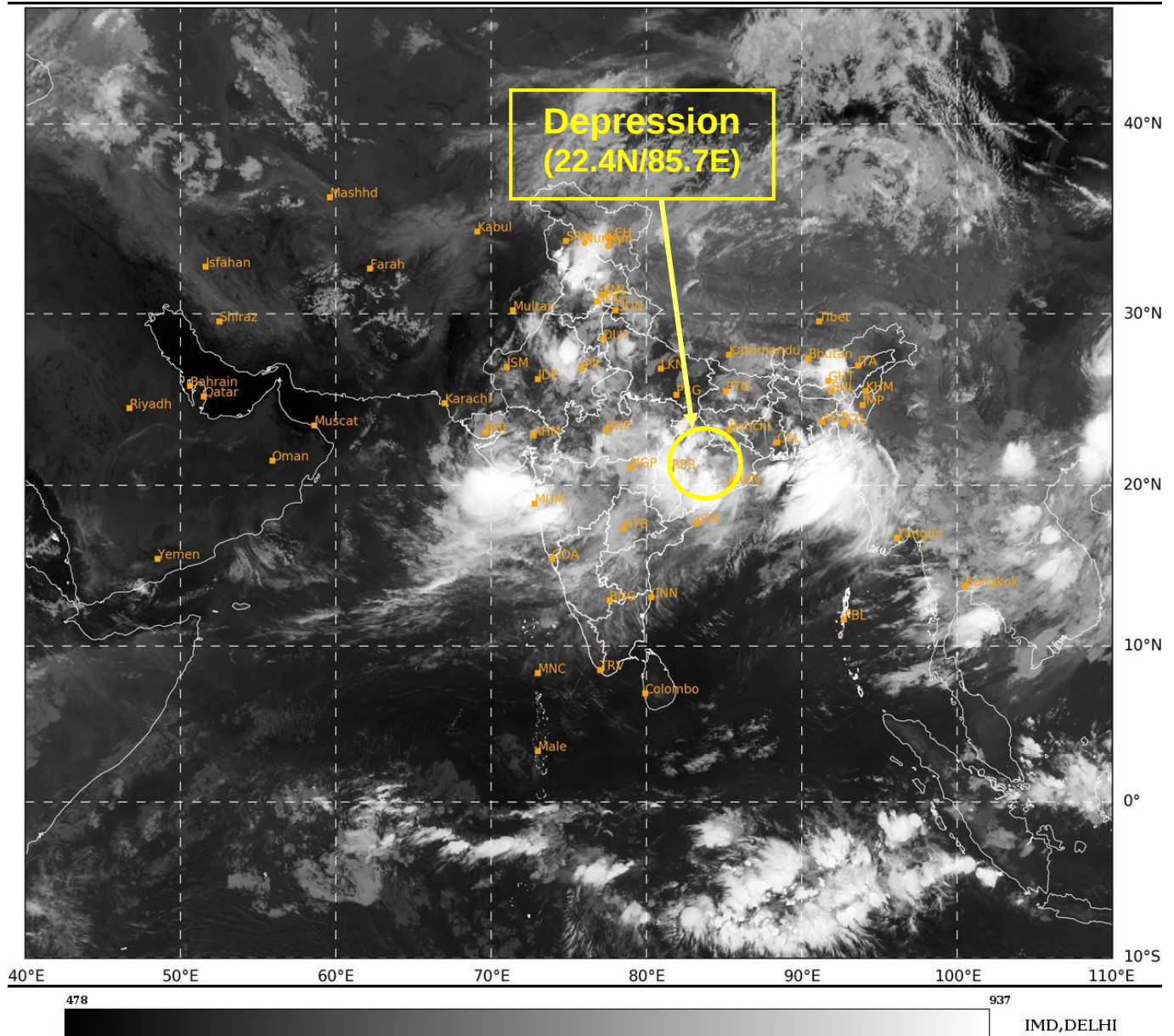
ECMWF is indicating nearly west-northwestwards movement across Jharkhand & adjoining North Odisha and North Chhattisgarh with weakening trend till 7th midnight (1800 UTC). However, as it moves west-northwestwards subsequently, it is likely to re-intensify into a depression over central parts of Uttar 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 24 hours and west-northwestwards till 9th July.

Considering all the above the depression over coastal areas of North Odisha and adjoining West Bengal is very likely to move nearly west–northwestwards across North Odisha & adjoining south Jharkhand and North Chhattisgarh during next 24 hours.

(Monica Sharma)
Scientist-E
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SAT : INSAT-3DR IMG
 IMG_TIR1 10.8 um
 L1C Mercator

06-07-2026/(0045 to 0112) GMT
 06-07-2026/(0615 to 0642) IST



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OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTH JHARKHAND & ADJOINING NORTH-INTERIOR ODISHA BASED ON 0000 UTC (0530 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 (48-63KT)
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	Lat	Lon	Station 1	Station 2	Station 3	Station 4
06.07.26/0000	0	22.4	85.7	CHAIBASA (20,SW)	JAMSHEDPUR (70,SW)	RANCHI (110,SSE)	JASHPURNAGAR (170,ESE)

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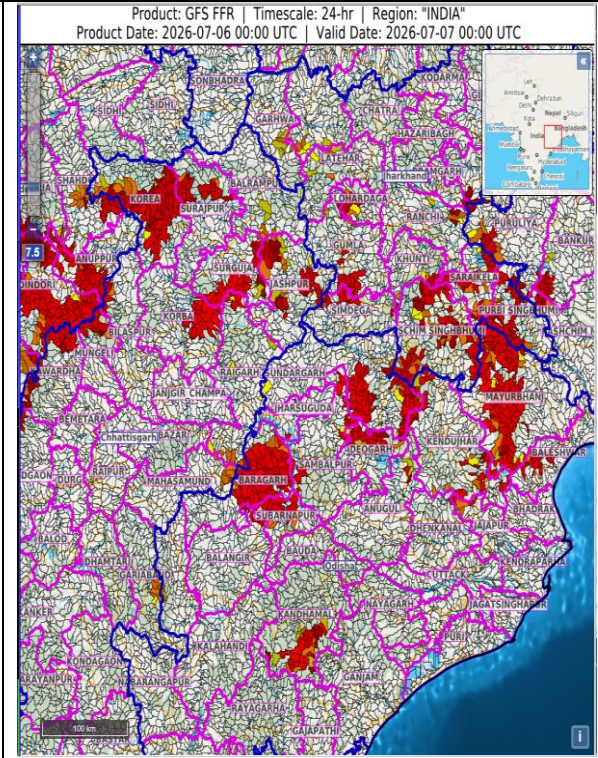
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24 hours Outlook for the Flash Flood Risk (FFR) till 0530 IST of 07-07-2026 :

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

Chhattisgarh - Jashpur, Surguja, Surajpur, Korea, Korba, Bilaspur, Mahasamund, districts. Odisha - Balangir, Baleshwar, Baragarh, Deogarh, Jharsuguda, Kendujhar, Mayurbhanj, Nuaparha, Sambalpur, Subarnapur and Sundargarh 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.

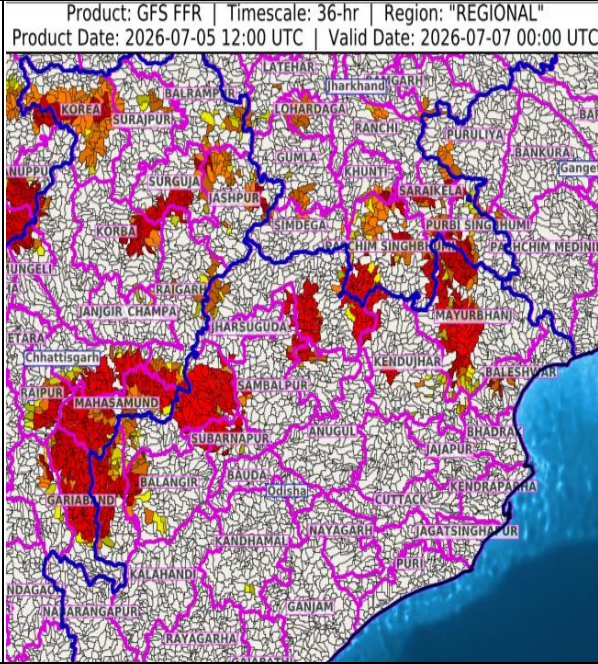


24 hours Outlook for the Flash Flood Risk (FFR) till 1730 IST of 06-07-2026 :

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

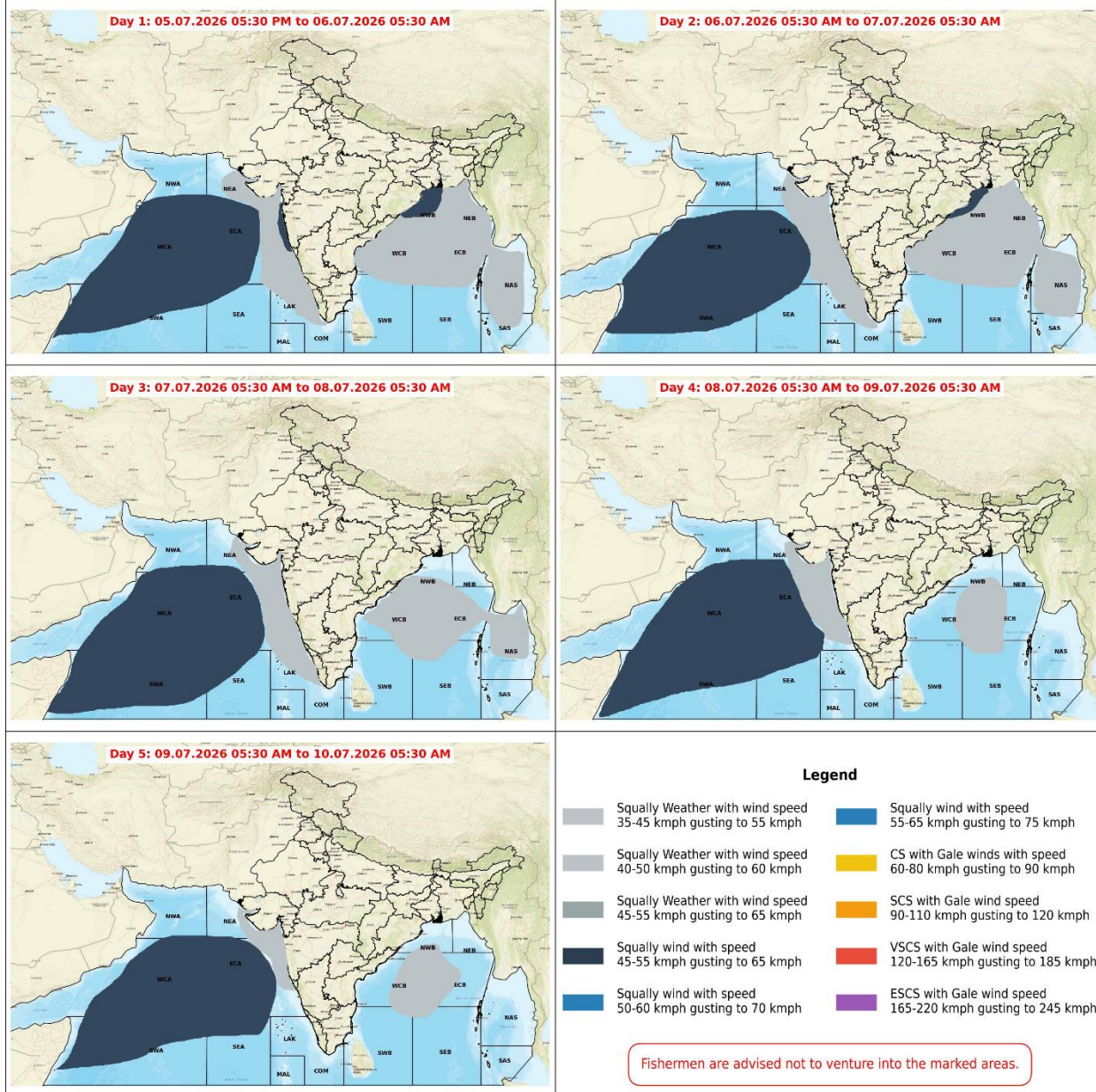
Chhattisgarh - Baloda Bazar, Bilaspur, Dhamtari, Gariaband, Jashpur, Kabirdham, Korba, Korea, Mahasamund, Mungeli, Raipur, Rajnandgaon and Surguja districts. Odisha - Balangir, Baleshwar, Baragarh, Deogarh, Jharsuguda, Kendujhar, Mayurbhanj, Nuaparha, Sambalpur, Subarnapur and Sundargarh districts.

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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)

Fishermen Warning Graphics



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