



**India Meteorological Department
(Ministry of Earth Sciences)**

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FROM: INDIA METEOROLOGICAL DEPARTMENT

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Subject: Deep Depression over north interior Odisha and adjoining areas of Jharkhand & Gangetic West Bengal

The Deep Depression over north interior Odisha and adjoining Gangetic West Bengal moved west-northwestwards with a speed of 12 kmph during past 6 hours, and lay centred at 1130 hrs IST of today, the 28th July 2026, over north interior Odisha and adjoining Jharkhand & Gangetic West Bengal, near latitude 21.9°N and longitude 86.6°E, about 20 km west-southwest of Baripada (Odisha), 50 km north-northwest of Balasore (Odisha), 110 km southeast of Chaibasa (Jharkhand), 110 km south-southeast of Jamshedpur (Jharkhand) and 120 km east-northeast of Keonjhar (Odisha).

It is very likely to continue to move west-northwestwards across north Odisha, south Jharkhand and north Chhattisgarh during next 24 Hrs.

Warnings:

(i) Rainfall Warning:

Odisha: Light to moderate rainfall at most places is very likely with heavy to very heavy rainfall at a few places over Odisha & extremely heavy rainfalls at isolated places over north Odisha on 28th July and very heavy rainfall at isolated places over north Odisha on 29th July.

Chhattisgarh Light to moderate rainfall at most places is very likely with heavy to very heavy rainfall at a few places over Chhattisgarh and extremely heavy rainfall at isolated

places over north Chhattisgarh on 28th & 29th July and heavy rainfall at isolated places over Chhattisgarh on 30th July.

Gangetic West Bengal: Light to moderate rainfall at most places is very likely with heavy rainfall at isolated places on 28th July.

Jharkhand: Light to moderate rainfall at most places with heavy to very heavy rainfall very likely at isolated places on 28th July and heavy rainfall at isolated places on 29th.

Bihar: Light to moderate rainfall at most places with heavy rainfall very likely at isolated places over southwest Bihar on 29th & 30th July.

East Madhya Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places during 28th - 30th July with extremely heavy rainfall at isolated places on 29th and heavy rainfall at isolated places on 31st July.

West Madhya Pradesh: Light to moderate rainfall at most places with heavy rainfall at a few places is very likely on 28th July, heavy to very heavy rainfall at isolated places on 29th July and heavy to very heavy rainfall at a few places with extremely heavy rainfall at isolated places on 30th July; heavy to very heavy rainfall at isolated places on 31st July and heavy rainfall at isolated places on 1st August.

East Uttar Pradesh: Light to moderate rainfall at most places with heavy rainfall at isolated places on 28th and 29th July.

West Uttar Pradesh: Light to moderate rainfall at most places with heavy to very heavy rainfall at isolated places during 28th - 29th July and heavy rainfall at isolated places on 30th July.

(ii) Wind Warning:

- ❖ Squally winds with speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over Northwest Bay of Bengal & adjoining Odisha-West Bengal coasts till evening of 28th July and decrease gradually thereafter.
- ❖ Squally winds with speed reaching 45-55 kmph gusting to 65 kmph is likely to prevail over north interior Odisha and adjoining West Bengal till evening of 28th July and thereafter over South Jharkhand & adjoining North Chhattisgarh from 28th night till 29th afternoon and decrease gradually thereafter.
- ❖ Squally weather with wind speed reaching 40-50 kmph adjoining westcentral Bay of Bengal and along & off north Andhra Pradesh coast till 28th July evening and decrease gradually thereafter.

(iii) Sea Condition:

- ❖ **Sea condition is very likely to be very rough to rough** over northwest Bay of Bengal and along & off Odisha, & West Bengal, and Andhra Pradesh coasts till 28th July evening and thereafter rough over the same region during till morning of 29th July. It is likely to improve gradually thereafter.

(iv) Fishermen Warning (Graphics Attached):

- ❖ Fishermen are advised not to venture into northwest Bay of Bengal and along & off Odisha, West Bengal & north Andhra Pradesh coasts till morning of 29th July.

(v) Impact Expected and Action Suggested due to heavy rainfall and squally winds

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Strong wind and rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to strong winds and rain.
- ❖ Minor damage to kutcha houses/walls, huts and roads due to heavy rain.
- ❖ Loose objects may fly.
- ❖ Small ships, trawlers and boats may be affected.
- ❖ Road and rail traffic may be affected due to heavy rain and squally winds.
- ❖ There could be localised landslides, mudslides, landslips, water logging, inundation and flooding over low lying areas.
- ❖ Occasional reduction in visibility due to heavy rainfall.
- ❖ Helicopter services may get affected.

Action suggested:

- ❖ People are advised to keep a watch on the weather for worsening conditions and be ready to move to safer places accordingly.
- ❖ Take safe shelters; do not take shelter under trees, as there could be lightning.
- ❖ In case of expected lightning, unplug electrical/ electronic appliances, immediately, get out of water bodies and keep away from all the objects that conduct electricity.
- ❖ Tourism and recreational activities to be regulated.
- ❖ Onshore and offshore activities to be judiciously regulated.
- ❖ Helicopter services to be regulated.

Significant rainfall recorded (in cm) from 0830 hours IST of yesterday to 0830 hours IST of today, the 28th July, 2026 is given in Annexure -I.

Next bulletin will be issued at 2030 hours IST of today, the 28th July, 2026.

**(Ananda Kumar Das)
RSMC, IMD, New Delhi**

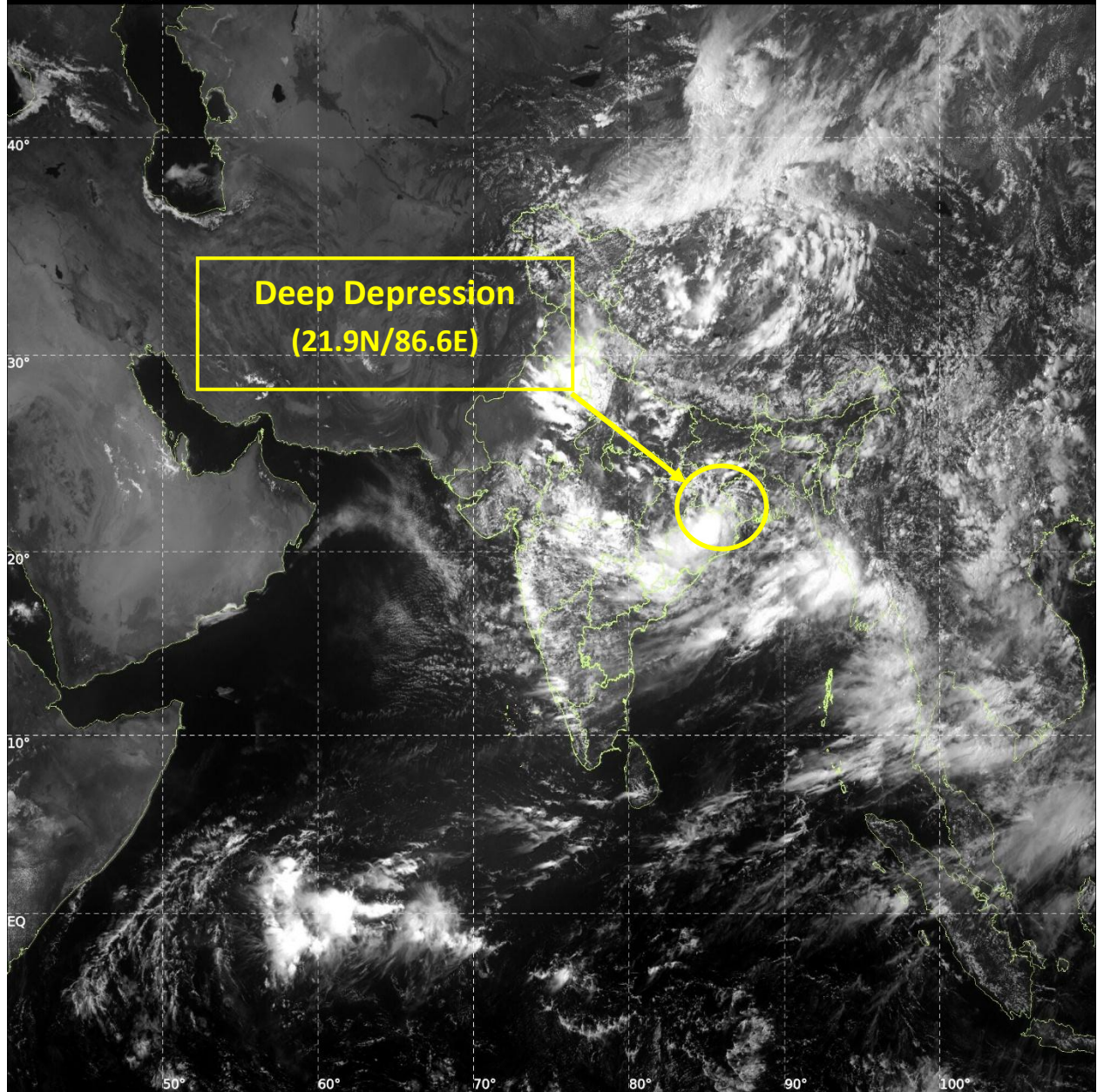
*Copy to: ACWC Kolkata/ACWC Chennai/CWC Bhubaneswar/CWC
Vishakhapatnam/Regional Meteorological Centre – Nagpur/ Meteorological Centre –
Raipur/ Ranchi/ Patna/Bhopal/Lucknow*



INSAT-3DS IMG, Visible Count @ 0.65 μm
GMT:28-07-2026/(0800-0827) IST:28-07-2026/(1330-1357)
L1C MERCATOR (LINEAR STRETCH: 0.5%)

68

419





OBSERVED AND FORECAST TRACK OF DEEP DEPRESSION OVER NORTH INTERIOR ODISHA AND ADJOINING AREAS OF JHARKHAND & GANGETIC WEST BENGAL BASED ON 0600 UTC (1130 Hrs. IST) OF 28TH 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

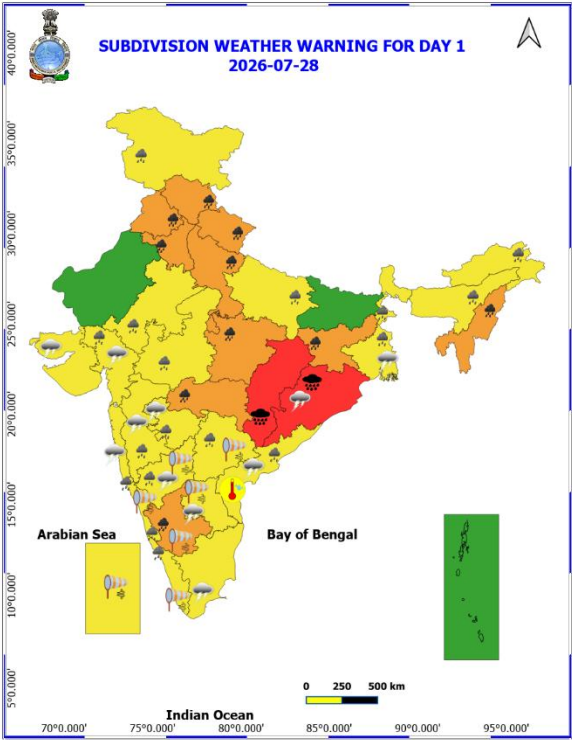
— FORECAST TRACK

▲ CONE OF UNCERTAINTY

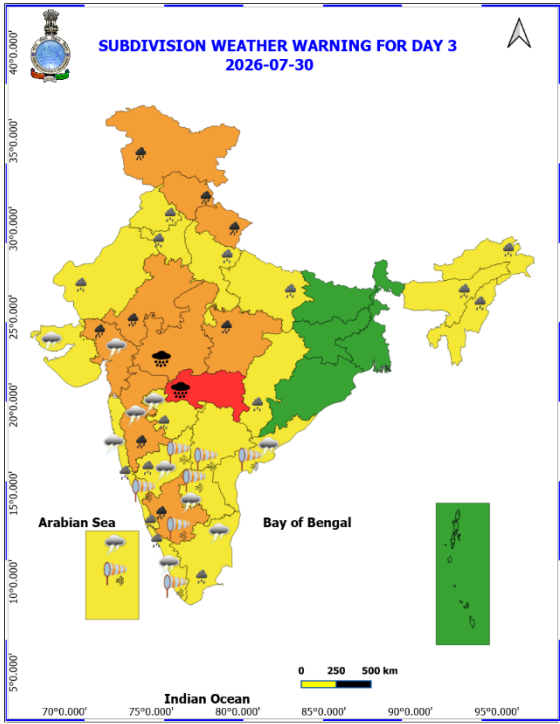
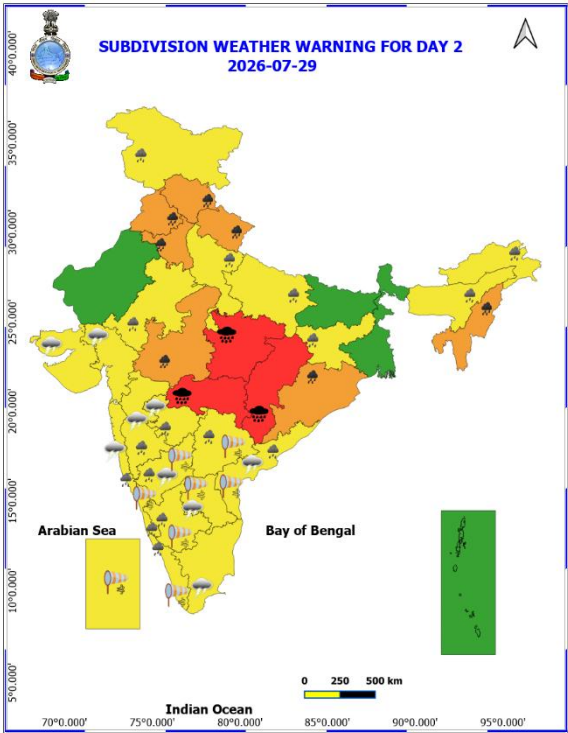
Forecast distance (km) and direction of the centre from nearest 5 coastal stations

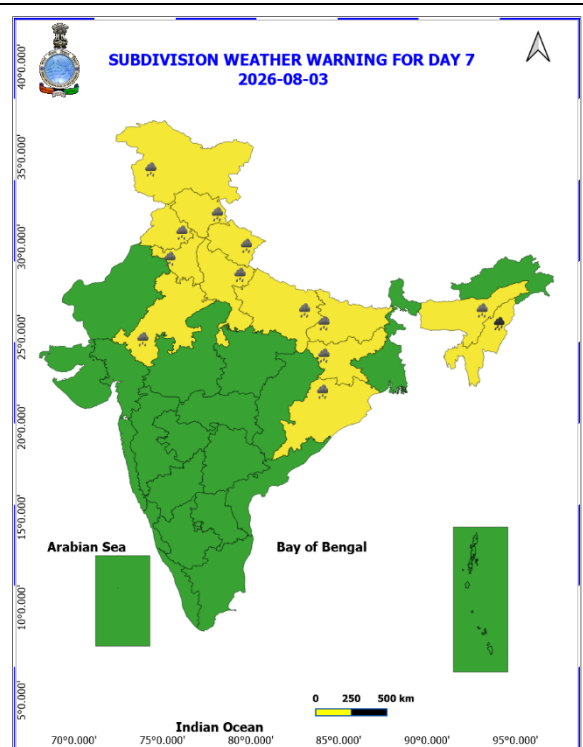
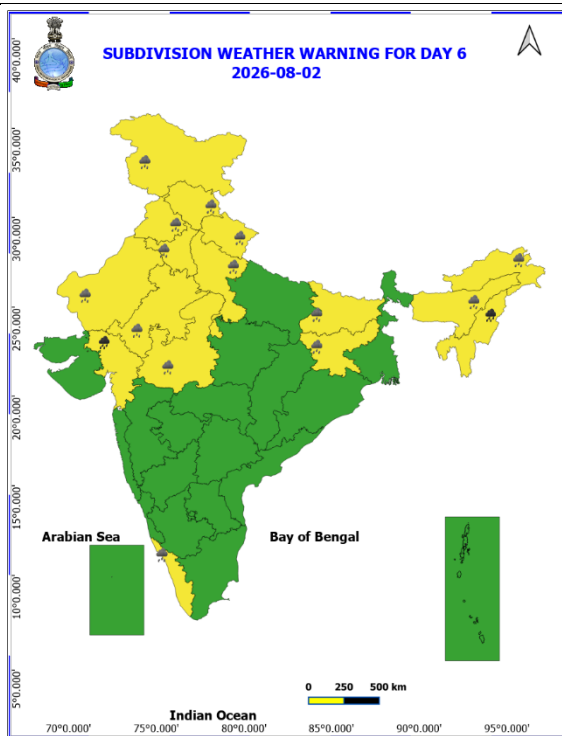
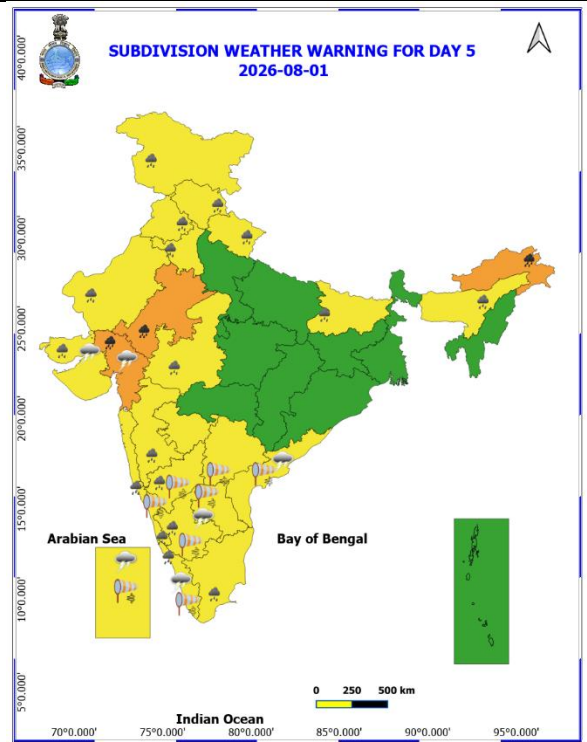
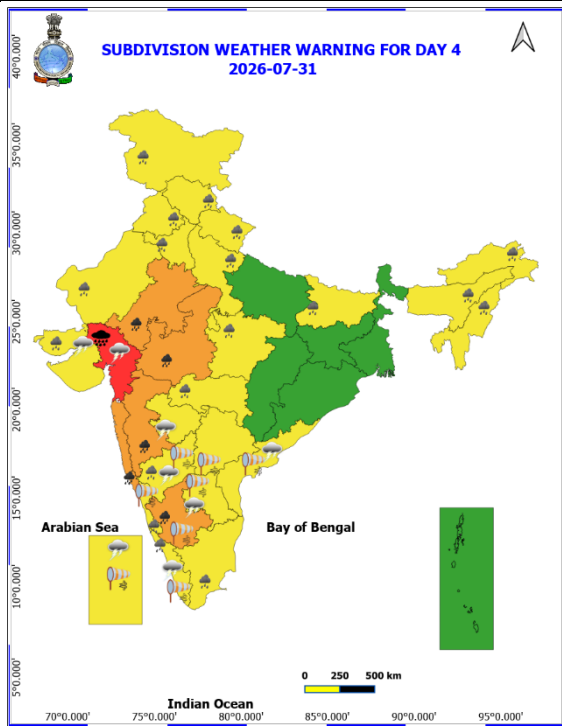
Forecast Date and Time	Lead Period (hrs)	Lat	Lon	Station 1	Station 2	Station 3	Station 4	Station 5
28.07.26/0600	0	21.9	86.6	BARIPADA (20, WSW)	CHAIBASA (110, SE)	JAMSHEDPUR (110, SSE)	BALASORE (50, NNW)	KEONJHARGARH (120, ENE)

Weather Warning Graphics



- | | | |
|----------------------|----------------------|--------------|
| Fog | Heavy Snow | Cold Wave |
| Heavy Rain | Dust Storm | Cold Day |
| Very Heavy Rain | Heat Wave | Ground Frost |
| Extremely Heavy Rain | Warm Night | |
| Thunder & Lightning | Hot Day | |
| Hailstorm | Hot & Humid | |
| Dust Raising Winds | Strong Surface Winds | |





Flash Flood Guidance

24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 29-07-2026 :

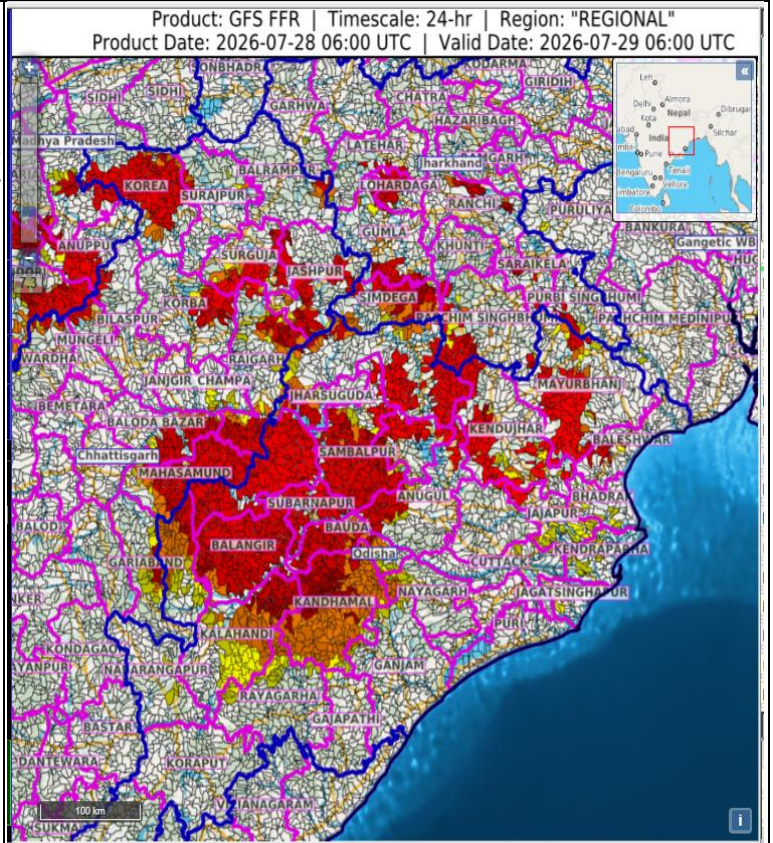
Low to Moderate flash flood risk likely over few watersheds & neighbourhoods of following Met Sub-divisions during next 24 hours.

Chhattisgarh - Balrampur, Jashpur, Korea, Korba, Baloda Bazar, Janjgir Champa, Mahasamund, Raigarh, and Surguja districts.

Odisha - Angul, Balasore, Baleshwar, Jharsuguda, Baragarh, Bhadrak, Deogarh, Kendrapara, Keonjhar, Mayurbhanj, Nawarangpur, Balangir, Kandhamal, Bouda, Subarnapur, and Sonapur districts.

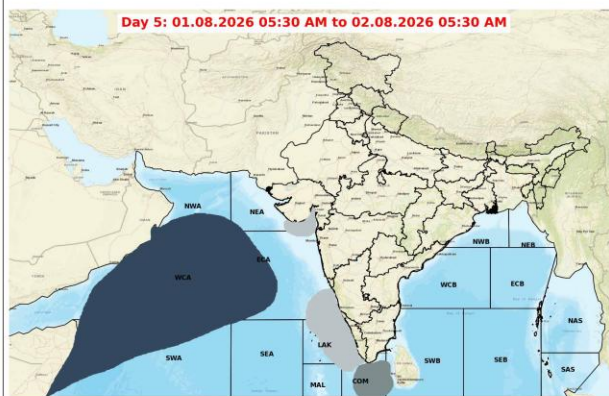
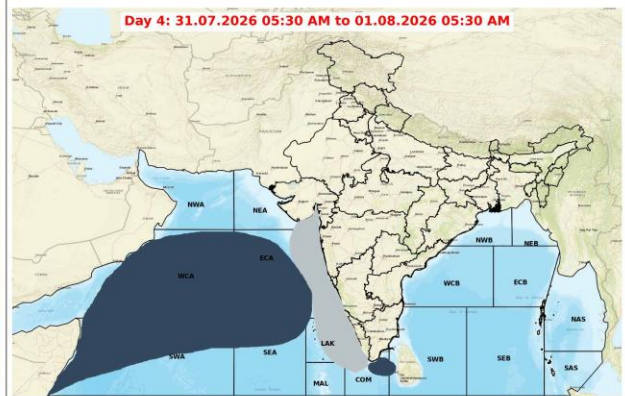
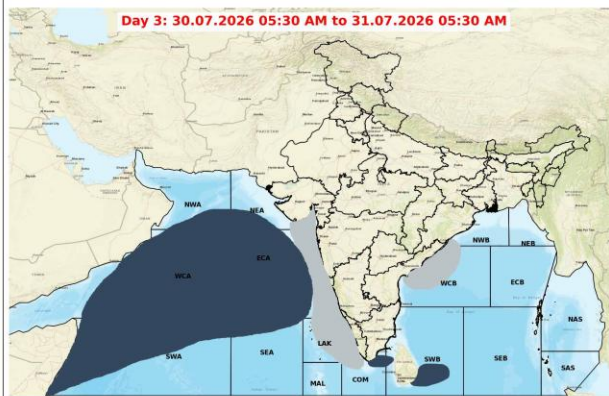
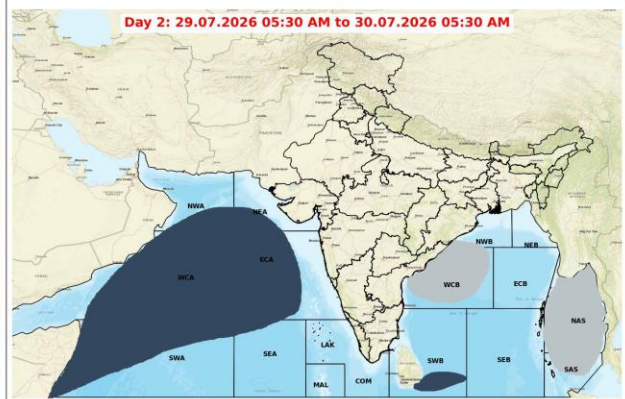
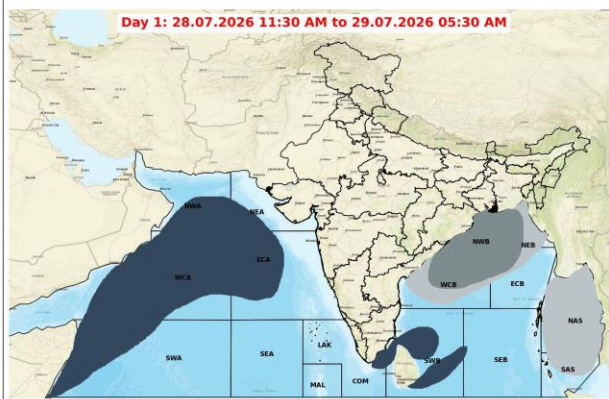
Jharkhand - East Singhbhum, Gumla, Hazaribag, Khunti, Lohardaga, Ranchi, Seraikela-Kharsawan, Simdega and West Singhbhum districts.

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)

Fishermen Warning Graphics



Legend

Squally Weather with wind speed 35-45 kmph gusting to 55 kmph	Squally wind with speed 55-65 kmph gusting to 75 kmph
Squally Weather with wind speed 40-50 kmph gusting to 60 kmph	CS with Gale winds with speed 60-80 kmph gusting to 90 kmph
Squally Weather with wind speed 45-55 kmph gusting to 65 kmph	SCS with Gale wind speed 90-110 kmph gusting to 120 kmph
Squally wind with speed 45-55 kmph gusting to 65 kmph	VSCS with Gale wind speed 120-165 kmph gusting to 185 kmph
Squally wind with speed 50-60 kmph gusting to 70 kmph	ESCS with Gale wind speed 165-220 kmph gusting to 245 kmph

Fishermen are advised not to venture into the marked areas.

Significant rainfall recorded (in cm) from 0830 hours IST of yesterday to 0830 hours IST of today, the 28th July, 2026:

Odisha: Balasore (Balasore) 25; Nilgiri (Balasore), Jaipur (Balasore) 24 Each; Remuna (Balasore) 22; Nh5 Gobindpur (Balasore) 21; Rajghat (Balasore), Betanati (Mayurbhanj) 20 Each; Balimundali (Mayurbhanj) 17; Gurundia (Sundargarh), Jaleswar (Balasore), Hatadihi (Keonjhar), G B Nagar (Mayurbhanj) 16 Each; Samakhunta (Mayurbhanj), Dhamnagar (Bhadrak), Udala (Mayurbhanj), Bhadrak (Bhadrak) 15 Each; Banaigarh (Sundargarh), Tensa (Sundargarh) 14 Each; Kaptipada (Mayurbhanj), Bhograi (Balasore), Lathikata (Sundargarh) 13 Each; Puri (Puri), Soro (Balasore), Nawana (Mayurbhanj), Burla (Sambalpur), Baripada (Mayurbhanj), Sambalpur (Sambalpur), Rajnagar (Kendrapara), Ghasipura (Keonjhar) 12 Each; Hirakud (Sambalpur), Ghatagaon (Keonjhar), Barkote (Deogarh), Tihidi (Bhadrak), Swam-patna (Keonjhar), Bahanga (Balasore), Bhandaripokhari (Bhadrak) 11 Each; Deogarh (Deogarh), Bonth (Bhadrak), Lahuni para (Sundargarh), Madanpur Rampur (Kalahandi), Batagaon (Sambalpur), Jujumura (Sambalpur), Harichandanpur (Keonjhar), Panposh (Sundargarh), Anandpur (Keonjhar), Jamankira (Sambalpur), Kusumi (Mayurbhanj), Sukruli (Mayurbhanj), Raruana (Mayurbhanj), Rasagovindapur (Mayurbhanj), Raurkela (Sundargarh) 10 Each; Kujanga (Jagatsinghpur), Kuchinda (Sambalpur), Atabira (Bargarh), Keonjhar (Keonjhar), Danagadi (Jajpur), Khaira (Balasore), Aul (Kendrapara), Dhankauda (Sambalpur), Sarasakana (Mayurbhanj), Oupada (Balasore) 9 Each; Joda (Keonjhar), Jhumpura (Keonjhar), Pallahara (Angul), Mahanga (Cuttack), Telkoi (Keonjhar), Paradeep Cwr (Jagatsinghpur), Champua (Keonjhar), Daitari (Keonjhar), Mandira Dam (Sundargarh), Gudvela (Bolangir), Bahalda (Mayurbhanj), Kendrapada PTO (Kendrapara) 8 Each; Kankadahad (Dhenkanal), Koraput (Koraput), Joshipur (Mayurbhanj), Karanjia (Mayurbhanj), Kashipur (Rayagada), Bhuvan (Dhenkanal), Reamal (Deogarh), Akhuapada (Bhadrak), Chandanpur (Mayurbhanj), Rajkanika (Kendrapara), Bangiriposi (Mayurbhanj), Th Rampur (Kalahandi), Suliapada (Mayurbhanj), Rajgangpur (Sundargarh), Bargarh (Bargarh) 7 Each; Korei (Jajpur), Jamsolaghat (Mayurbhanj), Bhawanipatna (Kalahandi), Raighar (Nawarangpur), Garadapur (Kendrapara), Kolabira (Jharsuguda), Tentulikhunti (Nawarangpur), Rayagada (Rayagada), Derabis (Kendrapara), Sukinda (Jajpur), Chandbali (Bhadrak), Gudari (Rayagada), Harabhanga (Boudhgarh), Sharpada (Keonjhar), Padmapur (Rayagada), Mohakalapada (Kendrapara), Banspal (Keonjhar), Muruda (Mayurbhanj), Jamda (Mayurbhanj), Lephripara (Sundargarh), Rayagada PTO (Rayagada), Chandua Kuliana (Mayurbhanj), Jharsuguda (Jharsuguda), Hemgiri (Sundargarh) 6 Each;

Jharkhand: Manjhari (West Singhbhum) 17; Majhgaon (West Singhbhum) 15; Hatgamharia (West Singhbhum) 12; Sadar Chaibasa (West Singhbhum) 10; Manoharpur (West Singhbhum) 9; Kumardungi (West Singhbhum), Jagannathpur (West Singhbhum) 8 Each; Hendigir (Hazaribag) 7; Chaibasa (West Singhbhum), Torpa (Khunti), Ramgarh (Ramgarh), Gudri (West Singhbhum), Gola (Ramgarh) 6 Each;

East Madhya Pradesh: Bilhari (Katni) 14; Gohparu (Shahdol) 11; Budhar (Shahdol), Jaisingh Nagar (Shahdol), Chandia (Umaria), Raipura (Panna) 9 Each; Malanjkhanda (Balaghat), Birsa (Balaghat), Channodi (Shahdol) 8 Each; Narayanganj (Mandla), Bijadandi (Mandla) 7 Each; Shahdole(sohagpur) (Shahdol) 6;

Chhattisgarh: Champa (Janjgir) 11; Janjgir (Janjgir) 9; Rajim (Gariaband), Gurur (Balod), Nagari (Dhamtari), Mainpur (Gariaband), Akaltara (Janjgir), Pithora (Mahasamund) 8 Each; Marri Bangla Deori (Balod), Bamhnihi (Janjgir), Bodari (Bilaspur), Hasaud (Sakti) 7 Each; Narayanpur (Narayanpur), Dondilohara (Balod), Pali (Korba), Mana-Raipur-AP (Raipur), Masturi (Bilaspur), Kukdur (Kabirdham), Pachpedi (Bilaspur), Sakri (Bilaspur), Bhothiya (Sakti), Aundhi (Mohala Manpur Chowki) 6 Each;

West Madhya Pradesh: Kathiwada (Alirajpur) 10; Rama (Jhabua) 7;

West Uttar Pradesh: Rampur Maniharan (Saharanpur), Bijnor (Bijnor) 8 Each; Dhampur (Bijnor), Saharanpur (Saharanpur) 7 Each;

Gangetic West Bengal: Durgachack (East Midnapore), Digha (East Midnapore) 8 Each; Contai (East Midnapore) 7;

East Uttar Pradesh: Kannauj (Kannauj), Nighasan (Kheri), Kakardharighat (Shrawasti) 6 Each;

Bihar: Arwal (Arwal) 6.