



**India Meteorological Department
(Ministry of Earth Sciences)
NATIONAL BULLETIN NO. 4 (BoB/05/2025)**

TIME OF ISSUE: 1330 HOURS IST

DATED: 19.08.2025

FROM: INDIA METEOROLOGICAL DEPARTMENT

(FAX NO. 24643965/24699216/24623220)

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Sub: Depression over south interior Odisha

The Depression over south coastal Odisha moved west-northwestwards with a speed of 11 kmph during past 6 hours and lay centred at 0830 hrs IST of today, the 19th August over south interior Odisha, near latitude 19.8°N and longitude 84.0°E, about 50 km north-northwest of Daringabadi (Odisha), 90 km east of Bhawanipatna (Odisha) and 90 km southeast of Titlagarh (Odisha).

It is likely to continue to move west-northwestwards across south Odisha and south Chhattisgarh and weaken into a well marked low pressure area during next 12 hours.

-Warnings:

(i) Rainfall Warning:

Andhra Pradesh: Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 19th August.

Odisha: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 19th August.

Chhattisgarh: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places is very likely over south Chhattisgarh on 19th and **heavy rainfall** at isolated places is very likely on 20th August.

Telangana: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall** at isolated places over north Telangana is very likely on 19th and **heavy rainfall** at isolated places over Telangana is likely on 20th August.

Konkan & Goa; Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall at isolated places** is very likely on 19th to 20th August.

Madhya Maharashtra: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall** at isolated places is very likely on 19th t& 20th August.

Vidarbha: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall** at isolated places is very likely on 19^h August and **heavy rainfall** at isolated places is very likely on 20th August.

Marathwada: Light to moderate rainfall at most places with **heavy rainfall** at isolated places is very likely on 19th August.

South Madhya Pradesh: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at isolated places is very likely on 19th and **heavy rainfall** at isolated places on 20th August.

Gujarat region: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places during 19th and 21st August with **extremely heavy rainfall** at isolated places over South Gujarat on 19th & 20th August.

Saurashtra & Kutch: Light to moderate rainfall at most places with **heavy to very heavy rainfall** at a few places with **extremely heavy rainfall** at isolated places is very likely during 19th to 21st August.

(ii) Wind Warning:

- ❖ Squally wind speed reaching 35-45 kmph gusting to 55 kmph is likely to prevail over south interior Odisha on 19th August.
- ❖ Squally weather with wind speed reaching 35-45 kmph gusting to 55 kmph is likely along & off North Andhra Pradesh-Odisha-West Bengal coasts on 19th August.
- ❖ Squally wind speed reaching 40-50 kmph gusting to 60 kmph is very likely over westcentral and adjoining northwest & eastcentral Bay of Bengal on 19th August.

(iii) Sea Condition:

- ❖ **Sea condition is very likely to be rough** over westcentral and adjoining northwest and eastcentral Bay of Bengal and along & off North Andhra Pradesh-Odisha-West Bengal coasts on 19th August.

(iv) Fishermen Warning:

- Fishermen are advised not to venture into southwest, central and adjoining northwest Bay of Bengal and along & off Andhra Pradesh -Odisha coasts on 19th August.

(v) Impact Expected and Action Suggested Andhra Pradesh, Odisha, Chhattisgarh, Telangana, Maharashtra, south Madhya Pradesh and Gujarat due to heavy rainfall and squally winds

Impact expected:

- ❖ Breaking of tree branches, uprooting of small trees like banana, papaya, drum sticks. Rain may damage plantation, horticulture and standing crops.
- ❖ Partial damage to vulnerable structures due to rain and winds.
- ❖ Small ships, trawlers and boats may be affected due to squally winds.
- ❖ Road and rail traffic may be affected due to heavy rain.
- ❖ 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 judiciously regulated.
- ❖ Follow the bulletins issued by Central Water Commission for the information about flood.

Significant rainfalls accumulated in past 24 hrs recorded at 0830 hrs IST of today, the 19th August, 2025 are given in Annexure-I

Next bulletin will be issued at 1430 hours IST of today, the 19th August, 2025.

**(Ananda Kumar Das)
Scientist-F, RSMC & IMD, New Delhi**

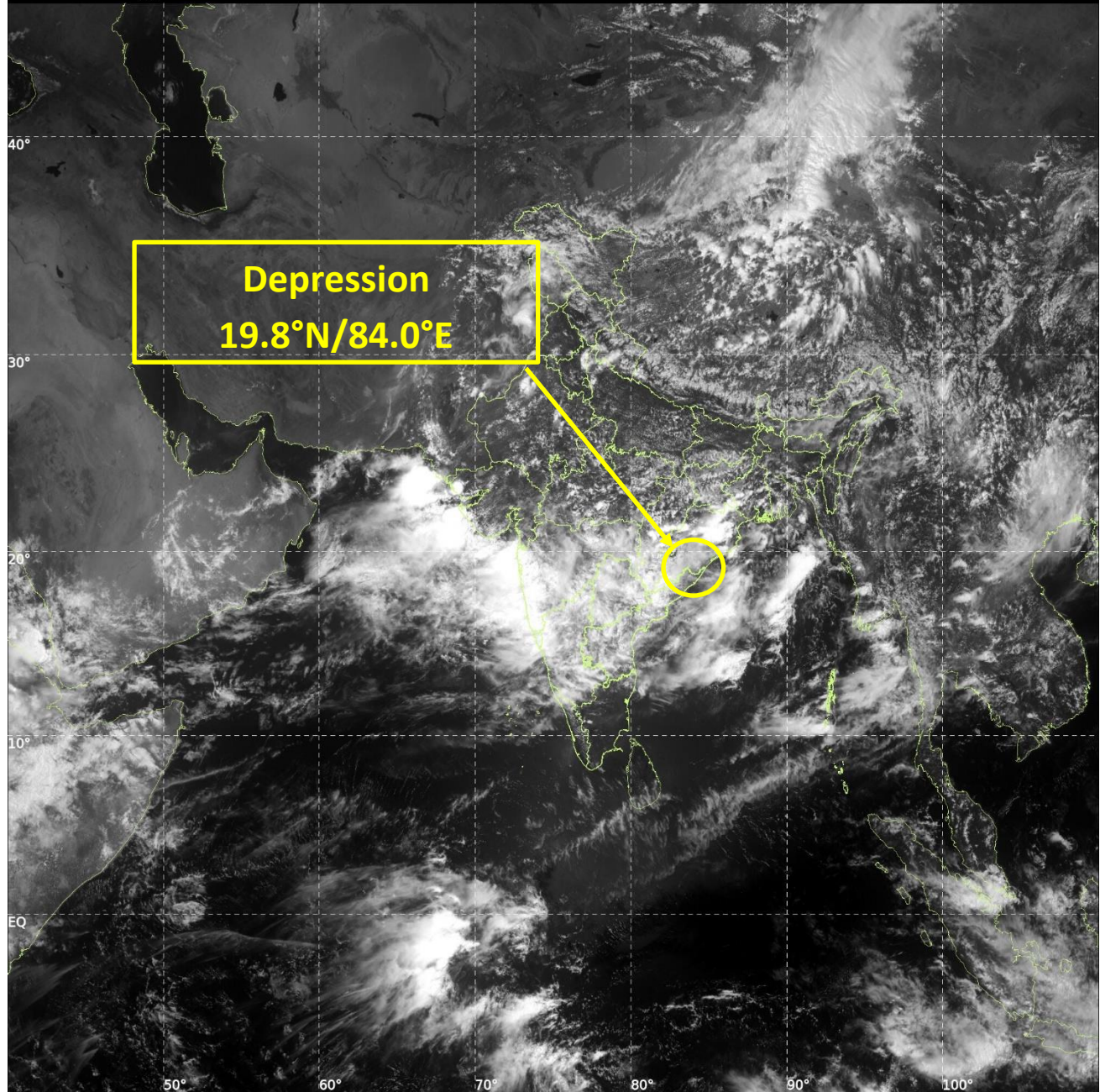
Copy to: ACWC Kolkata/ACWC Chennai/ACWC Mumbai/CWC Bhubaneswar/CWC Vishakhapatnam/CWC Ahmedabad; Regional Meteorological Centres – Chennai/Nagpur/Mumbai; Meteorological Centres- Port Blair, Bhubaneswar, Amaravati, Hyderabad, Bhopal, Raipur, Ahmedabad



INSAT-3DS IMG, Visible Count @ 0.65 μm
GMT:19-08-2025/(0700-0727) IST:19-08-2025/(1230-1257)
L1C MERCATOR (LINEAR STRETCH: 0.5%)

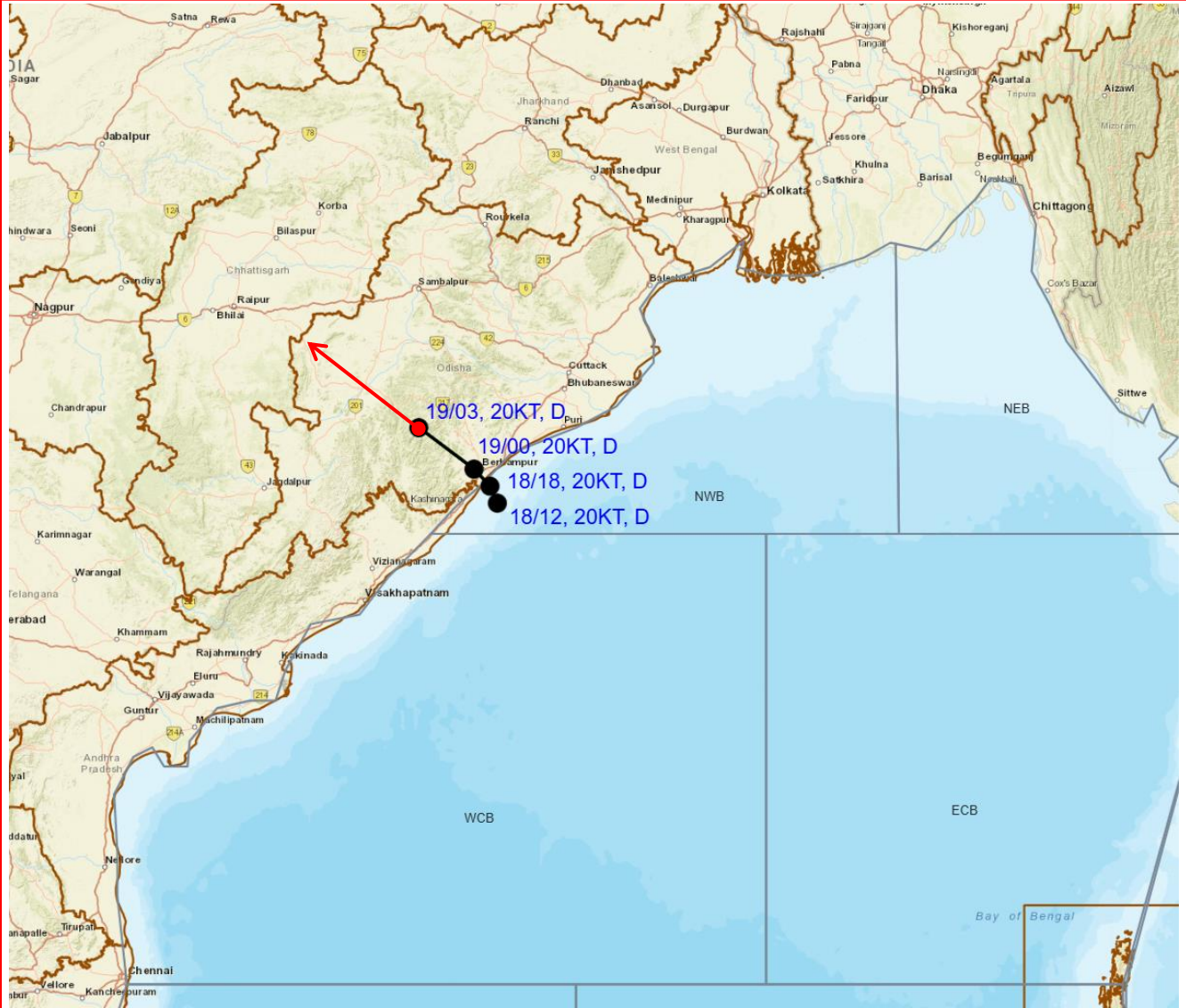
68

475





OBSERVED AND FORECAST TRACK OF DEPRESSION OVER SOUTH INTERIOR ODISHA AT 0830 HRS. IST (0300 UTC) OF 19th AUGUST 2025



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 (\geq 120 KT)



LESS THAN 34 KT



34-47 KT



\geq 48 KT



OBSERVED TRACK

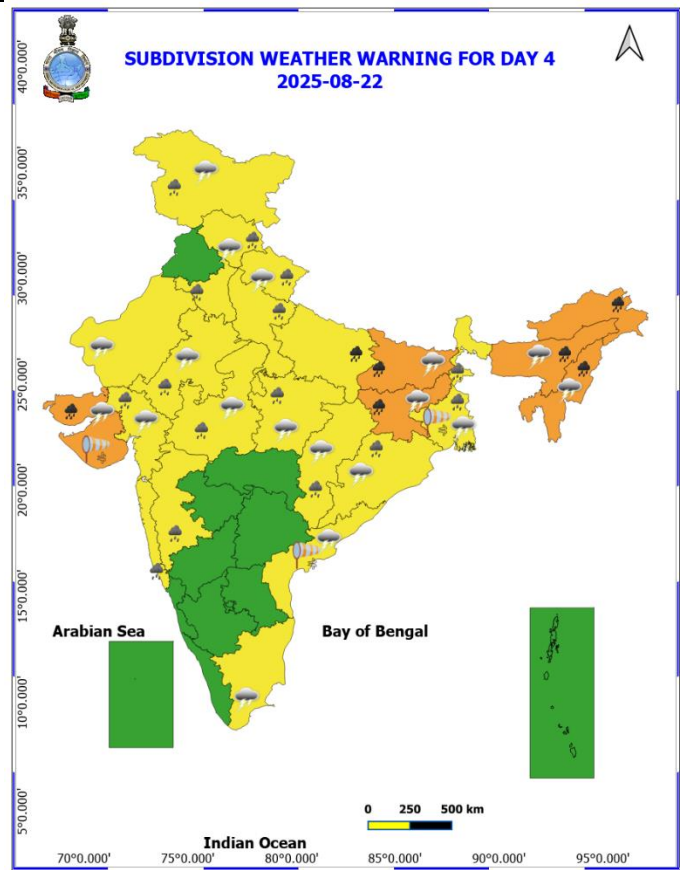
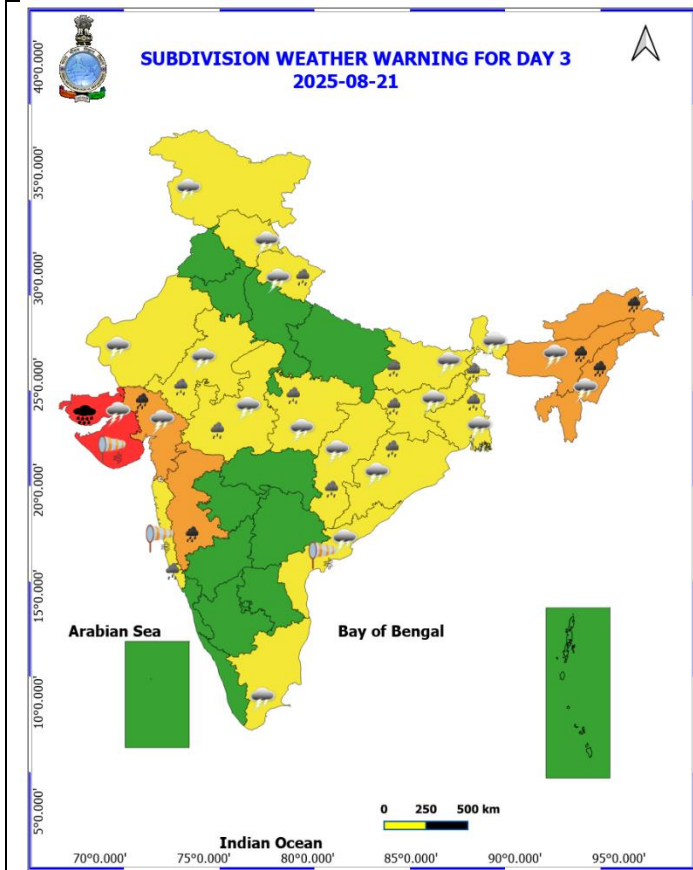
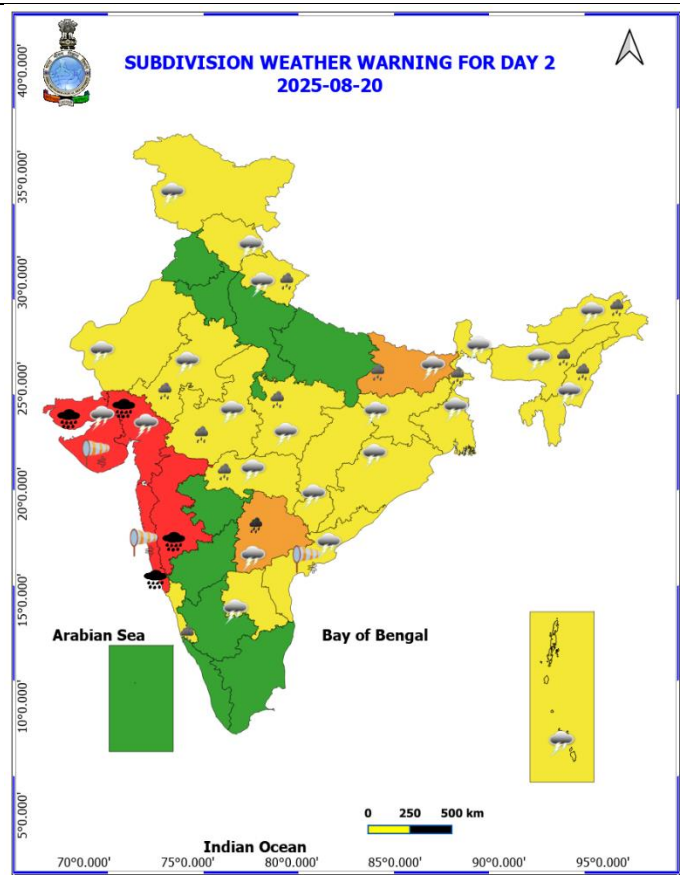
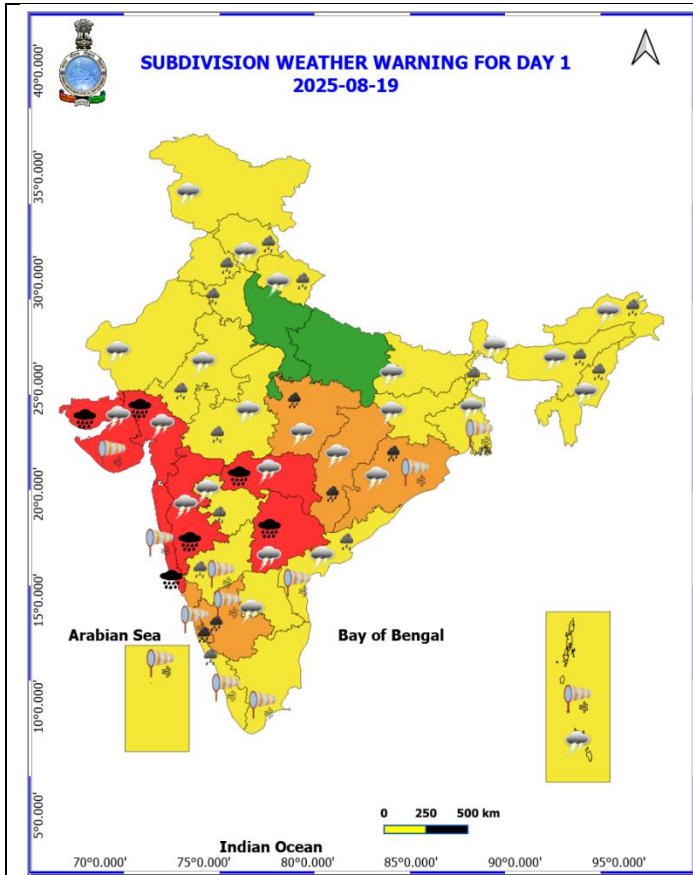


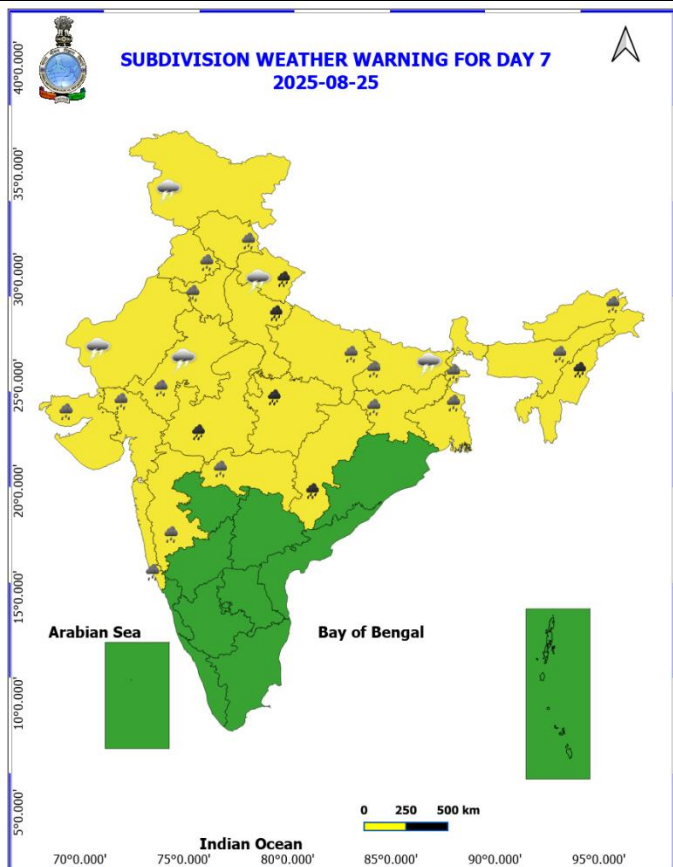
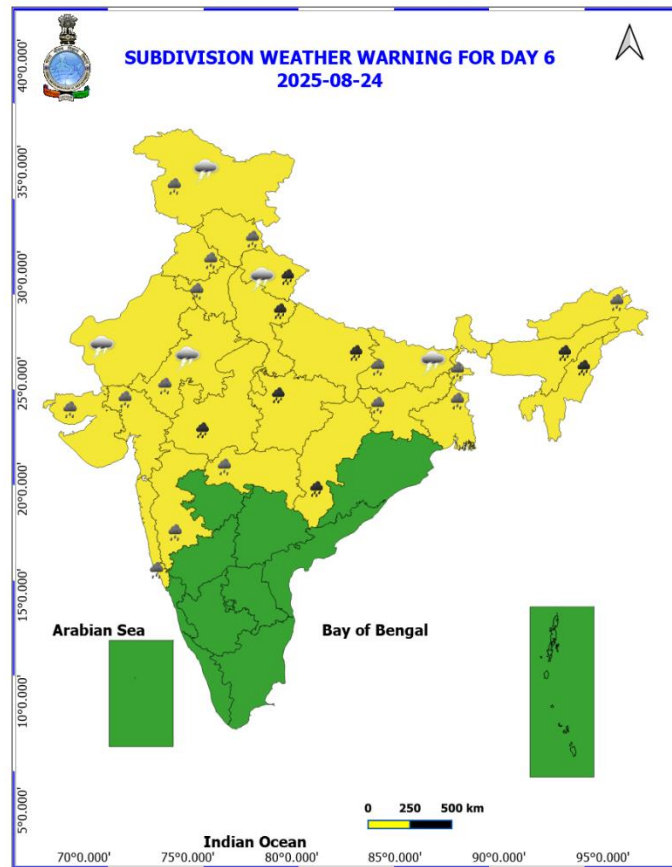
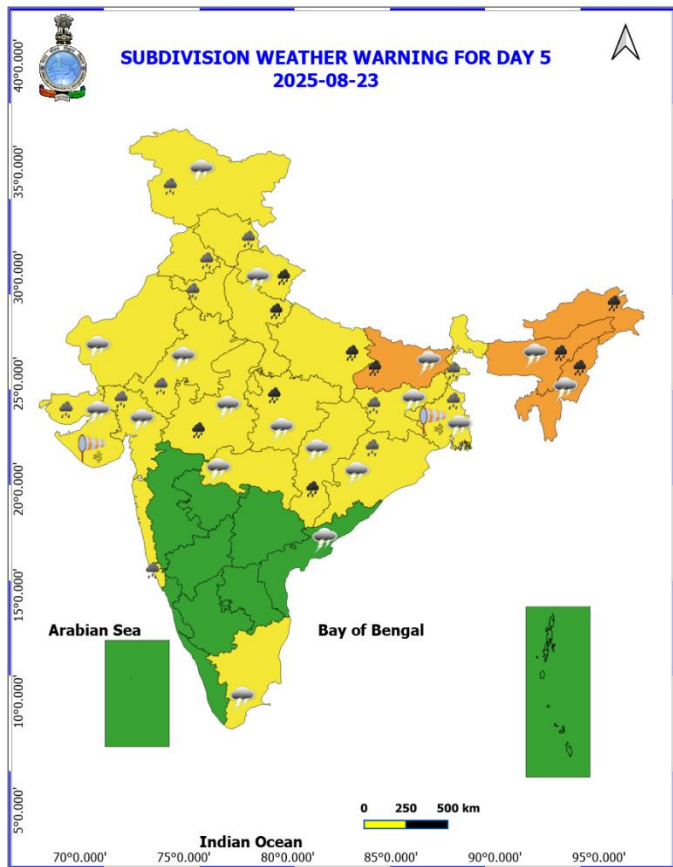
FORECAST TRACK



CONE OF UNCERTAINTY

WEATHER WARNING GRAPHICS





COLOUR CODED WARNING

- No Warning (No Action)
- Watch (Be Aware)
- Alert (Be Prepared To Take Action)
- Warning (Take Action)

Probabilistic Forecast

Terms	Probability of Occurrence (%)
Unlikely	< 25
Likely	25 - 50
Very Likely	50 - 75
Most Likely	> 75

Weather Icons:

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

* Red colour warning does not mean "Red Alert", Red colour warning means "Take Action".
Forecast and Warning for any day is valid from 0830 hours IST of day till 0830 hours IST of next day.
For more details, kindly visit <https://mausam.imd.gov.in> or contact: 011-2434-4599
(Service to the Nation since 1875)

Flash Flood Guidance

Persistent Flash Flood Threat (PFFT) till 1730 IST of 19-08-2025 :

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

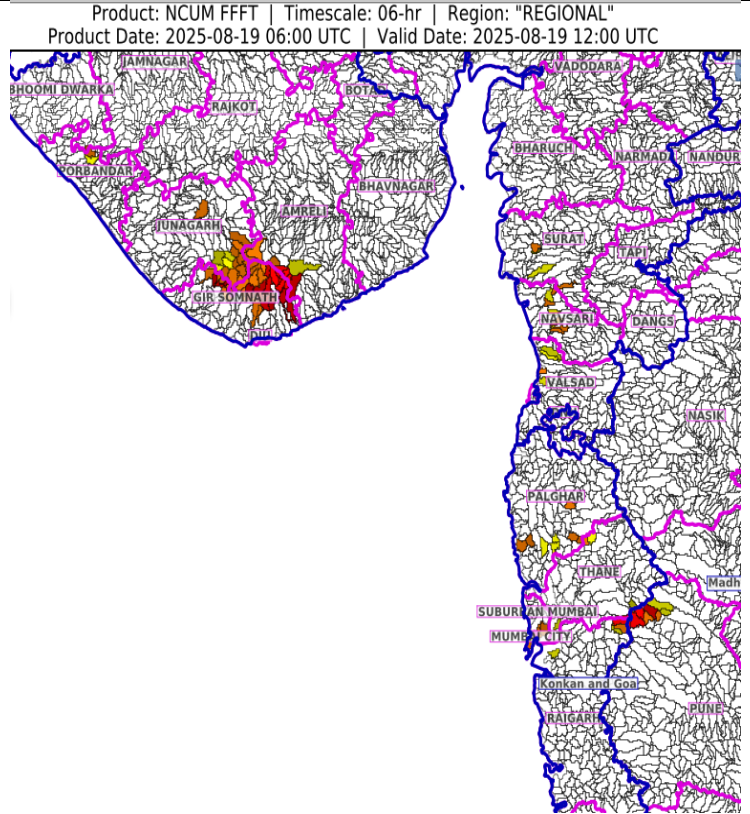
Gujarat Region - Daman, Navsari, Surat and Valsad districts.

Konkan & Goa - Mumbai City, Palghar, Raigarh, Suburban Mumbai and Thane districts.

Madhya Maharashtra - Pune district.

Saurashtra & Kutch - Amreli, Gir Somnath, Junagarh and Porbandar 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 6 hours.

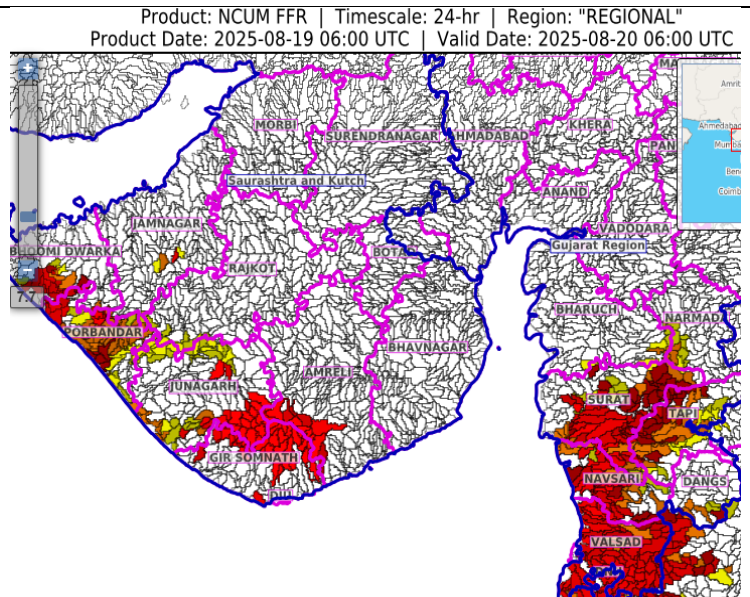


24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-08-2025 :

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

Gujarat Region - Dadar & Nagar Haveli, Daman, Bharuch, Dangs, Narmada, Surat, Tapi and Valsad districts.

Saurashtra & Kutch - Amreli, Devbhoomi Dwarka, Diu, Gir Somnath, Jamnagar, Junagarh, Porbandar and Rajkot districts.



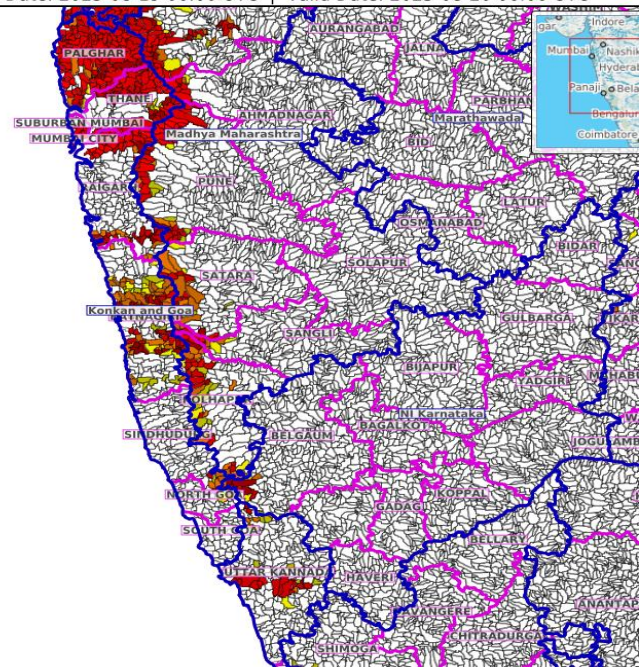
24 hours Outlook for the Flash Flood Risk (FFR) till 1130 IST of 20-08-2025 :

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

Coastal Karnataka - Uttar Kannada district. Konkan & Goa - North Goa, South Goa, Mumbai City, Palghar, Raigarh, Ratnagiri, Sindhudurg, Suburban Mumbai and Thane districts.

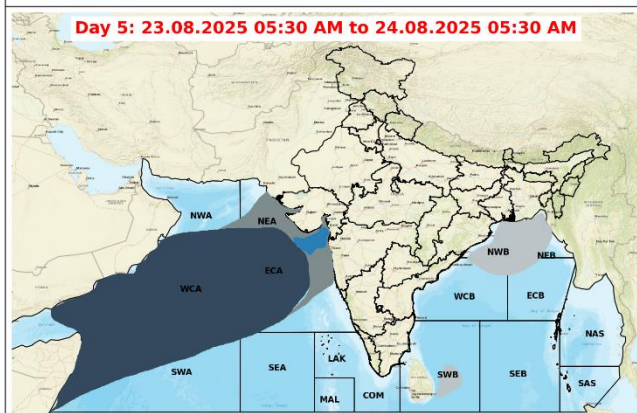
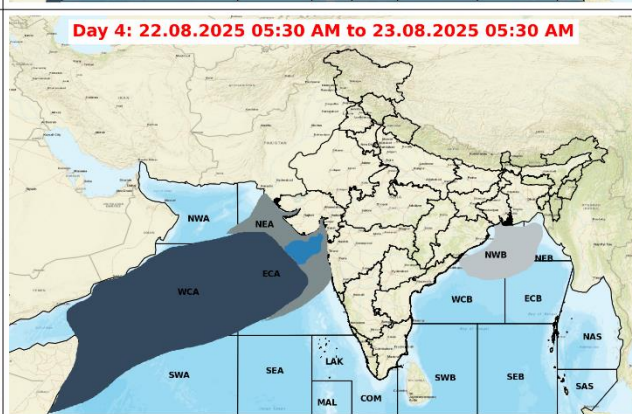
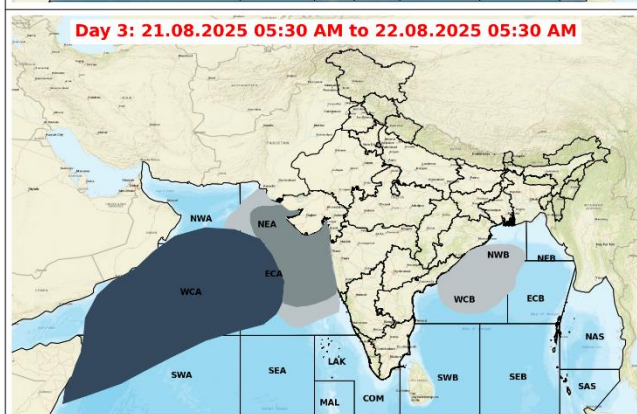
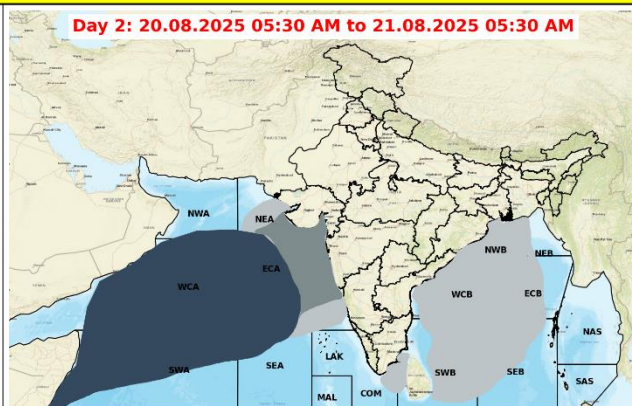
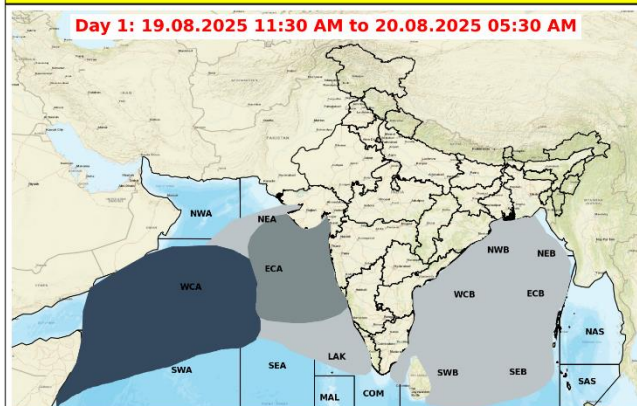
Surface runoff/ Inundation may occur at some fully saturated soils & low-lying areas over Area of Concern (AoC) as shown in map due to expected rainfall occurrence in next 24 hours.

Product: NCUM FFR | Timescale: 24-hr | Region: "REGIONAL"
Product Date: 2025-08-19 06:00 UTC | Valid Date: 2025-08-20 06:00 UTC



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 rainfalls accumulated in past 24 hrs recorded at 0830 hrs IST of today, the 19th August, 2025

KONKAN & GOA: Matheran (dist Raigad) 25, Mhasla (dist Raigad) 25, Tala (dist Raigad) 24, Santacruz - Imd Obsy (dist Mumbai Suburban) 24, Savarde-arg (dist Ratnagiri) 24, Dapoli_agri (dist Ratnagiri) 23, Vaibhavwadi (dist Sindhudurg) 23, Roha (dist Raigad) 22, Vasai (dist Palghar) 22, Mangaon (dist Raigad) 22, Tbia Imd Part Time (dist Thane) 22, Lanja (dist Ratnagiri) 21, Shriwardhan (dist Raigad) 21, Panvel_agri (dist Raigad) 21, Pen (dist Raigad) 19, Rajapur (dist Ratnagiri) 18, Sudhagad Pali (dist Raigad) 18, Karjat_agri (dist Raigad) 17, Mandangad (dist Ratnagiri) 17, Thane (dist Thane) 17, Wada (dist Palghar) 16, Poladpur (dist Raigad) 16, Mahad (dist Raigad) 16, Khed (dist Ratnagiri) 15, Chiplun (dist Ratnagiri) 15, Bhiwandi (dist Thane) 15, Ratnagiri - Imd Obsy (dist Ratnagiri) 14, Sanguem (dist South Goa) 14, Uran (dist Raigad) 14, Ambernath (dist Thane) 13, Sangameshwar Devrukh (dist Ratnagiri) 13, Khalapur (dist Raigad) 13, Devgad (dist Sindhudurg) 13, Wakwali_agri (dist Ratnagiri) 13, Guhagarh (dist Ratnagiri) 12, Harnai Imd Obsy (dist Ratnagiri) 12, Kankavli (dist Sindhudurg) 12, Palghar_agri (dist Palghar) 12, Ulhasnagar (dist Thane) 12, Quepem (dist South Goa) 12, Rameshwar_agri (dist Sindhudurg) 12, Murbad (dist Thane) 11, Colaba - Imd Obsy (dist Mumbai City) 11, Vikramgad (dist Palghar) 11, Canacona (dist South Goa) 11, Mulde_Agri (dist Sindhudurg) 10, Alibag - Imd Part Time (dist Raigad) 10, Kudal (dist Sindhudurg) 10, Murud (dist Raigad) 9, Sawantwadi (dist Sindhudurg) 9, Awalegaon - Arg (dist Sindhudurg) 8, Kalyan (dist Thane) 8, Pernem (dist North Goa) 7, Ponda (dist North Goa) 7, Talasari (dist Palghar) 7,

MADHYA MAHARASHTRA: Gaganbawada (dist Kolhapur) 26, Radhanagari (dist Kolhapur) 22, Mahabaleshwar-Imd Obsy (dist Satara) 17, Shahuwadi (dist Kolhapur) 16, Lonavala_agri (dist Pune) 15, Kolhapur/karvir Imd (dist Kolhapur) 7, Kagal (dist Kolhapur) 7

SAURASHTRA & KUTCH: Sutrapada (dist Gir Somnath) 29, Diu (dist Diu) 15, Veraval_aws(dist Gir Somnath) 13, Kodinar (dist Gir Somnath) 13, Gir Gadhada (dist Gir Somnath) 12, Mangrol(j) (dist Junagadh) 11, Veraval (dist Gir Somnath) 11, Talala (dist Gir Somnath) 7, Malia (dist Junagadh) 7, Una (dist Gir Somnath) 7,

GUJARAT REGION: Umergam (dist Valsad) 11, Deesa (dist Banaskantha) 8, Silvassa (dist Dadara & Nagar Haveli) 7,

ODISHA: Kotpad (dist Koraput) 15, Kashinagar (dist Gajapati) 11, Paralakhemundi (dist Gajapati) 9, Papadahandi (dist Nawarangpur) 9, Boden (dist Nawapara) 8, Lamataput (dist Koraput) 8, Raighar (dist Nawarangpur) 8, Jhorigam (dist Nawarangpur) 8, Koraput (dist Koraput) 7,

CHHATTISGARH: Narayanpur (dist Narayanpur) 14, Aundhi (dist Mohala Manpur Chowki) 10, Bastanar (dist Bastar) 8, Darbha (dist Bastar) 8, Bhairamgarh (dist Bijapur) 8, Nangur (dist Bastar) 7, Katekalyan (dist Dantewada) 7, Jagdalpur (dist Bastar) 7,

TELANGANA: Venkatapuram (dist Mulugu) 15, Wankdi (dist Kumaram Bheem) 12, Tadwai Mlg (dist Mulugu) 11, Nawabpet (dist Vikarabad) 11, Adilabad (dist Adilabad) 9, Kerameri (dist Kumaram Bheem) 8, Bhiknur (dist Kamareddy) 8